



**Office of Development Commissioner (MSME),
Ministry of Micro, Small and Medium Enterprises,
Government of India**

**Action Plan for Reduction of Imports
&
Project Report for Manufacture of
Corrugated Paper Board and Boxes**

**Prepared by:
Shri C.S.S. Rao, IEDS
Joint Director
MSME-Development Institute,
Ministry of MSME, Government of India
Hyderabad - 500037
E-mail: cssrao@dcmsme.gov.in**

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Executive Summary

As per the Public Procurement Policy of Ministry of MSME, Government of India, 358 manufactured items are reserved for exclusive procurement from MSEs by Central Ministries/Departments/PSUs. This is one of the salient features of the policy. However, many of these reserved items including Corrugated Paper Board and Boxes are being imported from various countries. During 2017-18, 2018-19 and 2019-20, the imports of Corrugated Paper Board and Boxes stood at Rs.39 crore, Rs.47 crore and Rs.93 crore respectively and the imports are almost double the value of previous year.

As the product being non critical and considering the huge presence of over 14,000 manufacturing MSEs across the country, the imports to the tune of Rs.93 crore is indeed a matter of concern and matter to be looked into. It is, in this backdrop, AS&DC (MSME), Ministry of MSME assigned the responsibility of study of the domestic manufacturing scenario including imports & exports and to prepare a roadmap to encourage domestic manufacturing of Corrugated Paper Board and Boxes in order to achieve Atmanirbhar Bharat.

As a part of the study, various Government Departments, Organisations, Agencies, Associations, manufacturing units, machinery manufacturers, such as Additional Director General of Foreign Trade(ADGFT), Secunderabad, Telangana Chapter of Federation of Indian Export Organisations (FIEO), Hyderabad, Engineering Export Promotion Council (EEPC) of India, Hyderabad, Directorate General of Commercial Intelligence and Statistics (DGCIS), Kolkata, Chief Commissioner of GST and Customs, Hyderabad, Confederation of Indian Industry (CII), New Delhi, Dalit Indian Chamber of Commerce and Industry (DICCI), Pune,

Federation of Indian Chamber of Commerce and Industry (FICCI), New Delhi, Commissioner of Industries, Government of Telangana, Corrugated Box Manufacturers Association of Telangana, Hyderabad, Chief Commissioner of GST and Customs, Hyderabad have been approached for collection of data/information/details and the same have been utilised/incorporated in preparing the Detailed Project Report (DPR), as per the template provided by Office of DC (MSME).

The opinions/suggestions/inputs of various stakeholders are as under:

- The Joint Director & Head of Office, Indian Institute of Packaging (IIP), Hyderabad, Ministry of Commerce & Industry, Government of India, opined as under:
 - Availability of quality raw material for the manufacturers at reasonable price is one of the issues for the box manufacturers to be competitive in the market.
 - Lack of technology to manufacture requisite items such as boxes for packaging & shipment of certain pharma products at controlled temperatures.
 - Most of the corrugated box manufacturing industries in and around have poor process layouts, which are impacting quality of the product.
- Confederation of India Industry (CII), while appreciating this initiative of Government of India to understand the root cause of the problem, submitted the following inputs in consultation with their members:
 - The cost of manufacturing is dependent on degree of automation, which requires high initial investments. For an MSME to invest into automation, they need the clarity in terms of market potential available for undertaking the specific activity.

- Normally, buyers do indicate quantities, but most of the time they are inflated and also not enough to take a decision for the intervention of automation.
 - Government may like to share the Import data along with the quantity of import to all Indian manufacturers who are making the products of the same HSN Code which is being imported.
 - Encouragement for cluster manufacturing for each and every item, so as to produce a world class product in bulk quantity and compete with global markets in terms of quality and standards.
- Shri M.L. Agarwal, President, Corrugated Box Manufacturers Association of Telangana, Hyderabad opined that the total Corrugated Box manufacturing business in India is worth Rs.30,000 crore approximately with 80 akhs tons of production, the imports of Rs.93 crore worth Boxes may be treated as small quantity. However, Government of India may like to encourage prospective entrepreneurs to set up their own units to contribute in reducing the imports.
 - The Association felt that the reasons for imports may be as under:
 - Non availability of requisite paper quality in India.
 - Fiber quality and quantity is both in short supply in India.
 - 100% of the boxes are made from recycled fiber and out of which about 40% of fiber is imported, the strength as compared to paper made from Softwood long fiber available in EU/ US cannot be matched.
 - In case boxes need very high strength paper to be used, the same needs to be imported from Scandinavian countries or US, which leads to cost enhancement and time delay.

- In certain cases, some foreign buyers (importers) may specify preferred Box supplier.
- Shri B. Ramesh, Proprietor, M/s. Sai Daksha Packaging Pvt. Ltd., Hyderabad, one of the manufacturers from Hyderabad stated that certain pharma products need to be packed& shipped in boxes that can accommodate sub-zero temperatures. Industries in and around Hyderabad do not possess such technologies for manufacture of boxes, which is leading to imports.

Taking in to consideration of the above inputs/suggestions, a semi-automatic technology has been identified in consultation with experts, machinery manufacturers and prepared a Detailed Project Report (DPR). The salient features of the DPR are as given below:

- Total Installed capacity of the proposed unit is 6000 MT per annum.
- Total investment of the Project is Rs.23 crore including the Fixed Capital of Rs.3 crore and Working Capital of Rs.20 crore.
- Providing direct employment to 100 persons with an indirect employment to about 50 persons.
- Break Even Point (B.E.P) is 43.19%.
- Debt Service Coverage Ratio (DSCR) is 1.90.
- Debt Equity Ratio is 3:1.
- Return on Investment (RoI): 29.12%
- Current ratio: 1.41

DETAILED PROJECT REPORT

Introduction:

Packaging plays an important role in allowing products to respond to the demands and needs of modern consumers. Packaging is one of the most cost-effective weapons in a marketer's arsenal. It requires a relatively self-effacing investment, lasts a long time. The role of packaging in business has undergone a major change, and it has today assumed a very major role. Traditionally, packaging was defined as the activities of designing and producing the wrapper or container for a product. This definition is no longer adequate. Today, packaging has emerged as a major technology in itself, which is highly complex and specialized, highly multi-functional, cross functional and very application oriented. Corrugated paper board boxes are one of the safest and efficient means of packaging and shipment of goods. Corrugated board consists of a flat layer of paper sheet (liner) glued on one or both sides of a corrugated paper. The corrugated board is made by passing two layers of Kraft paper through corrugating machine. One layer of paper becomes corrugated after being passed through the heated rolls and other is brought into contact with it after the former having glued at tips. When only one liner is used, the product is known as "Single face" or "two ply" board. This board is flexible in one direction. When the corrugated medium is combined on both sides with flat sheets, it is known as double faced or "3-ply board". Similarly, board can be pasted to form thicker boards i.e. 5-ply, 7-ply and 9-ply etc.

Applications of corrugated board boxes:

The corrugated board boxes are being used for the packing of industrials as well as consumer goods. They are used for packing of chemicals, drugs, tobacco, engineering goods, canned and bottled goods confectionary, textiles, fruits, vegetables, potteries, footwear, glassware, medical instruments, photographic equipment and a number of other products.

Advantages of Corrugated Board Boxes:

- Light in weight (freight advantage).
- Cellular structure with high compressive strength, resiliency & shock resistance.
- Can be stored conveniently in folded condition when not in use, thus saving storage space.
- Can be attractively printed, thus advertising advantage.
- By lining, lamination or coating, they can be made water resistant and resistant to other adverse conditions.
- Easy to fabricate.
- These boxes are re-usable

Commercial details

I. HSN codes for the product Corrugated Paper Board and Boxes

1. 48191010 –Boxes of Corrugated Paper and Paper Board
2. 48191090 – Cartons & Cases of Corrugated Paper & Paper Board

II. NIC codes for of the product of Corrugated Paper Board and Boxes

1. 17021 Manufacture of corrugated paper and paperboard
2. 17022 Manufacture of corrugated paper board containers
3. 17023 Manufacture of card board boxes
4. 17024 Manufacture of sacks and bags of paper
5. 17029 Manufacture of other containers of paper and paperboard n.e.c

III. Details of the Clusters:

There are 19 identified Corrugated Paper Board/Packaging clusters across the country. These clusters have been identified by MSME-DIs for carrying out various interventions under the schemes of Office of DC (MSME) for their growth and sustainability. The list of the identified clusters along with other details is placed at **Annexure-I**.

IV. Scope for establishment of the units:

The units can be established anywhere in India after undertaking necessary local market & demand survey, subject to availability of necessary infrastructure, manpower, raw material, etc.

V. Data of registered Units:

As per the data available on Udyam Registration portal, 14,530 MSMEs are registered under the activity corrugated paper, paper board and paper board containers manufacturing. Out of these MSMEs, 9034 are Micro, 5200 are Small and 296 are Medium category. The

State/UT-wise unit details are placed at **Annexure-II**. The prominent industries in the manufacture of Corrugated Boxes are:

1. M/s. Canpac Trends Pvt. Ltd., Ahmedabad, Gujarat
2. M/s. Multipack, Gujarat
3. M/s. Hariwansh Packaging Pvt. Ltd., Nagpur, Maharashtra
4. M/s. Trident Paper Box Industries, Gujarat
5. M/s. Kapco Packaging Company, New Delhi
6. M/s. TGI Packaging Pvt. Ltd., Chennai, Tamil Nadu

VI. Data regarding Imports:

As per the details obtained from DGCIS, the imports of corrugated paper, paper board and paper board containers, from various countries during 2018-19, 2019-20 and 2020-21 (upto Feb' 21 only) are worth Rs.268.77 crore, Rs.249.60 crore and Rs.183.01 crore respectively. The details of country-wise imports for the mentioned period are placed at **Annexure-III**.

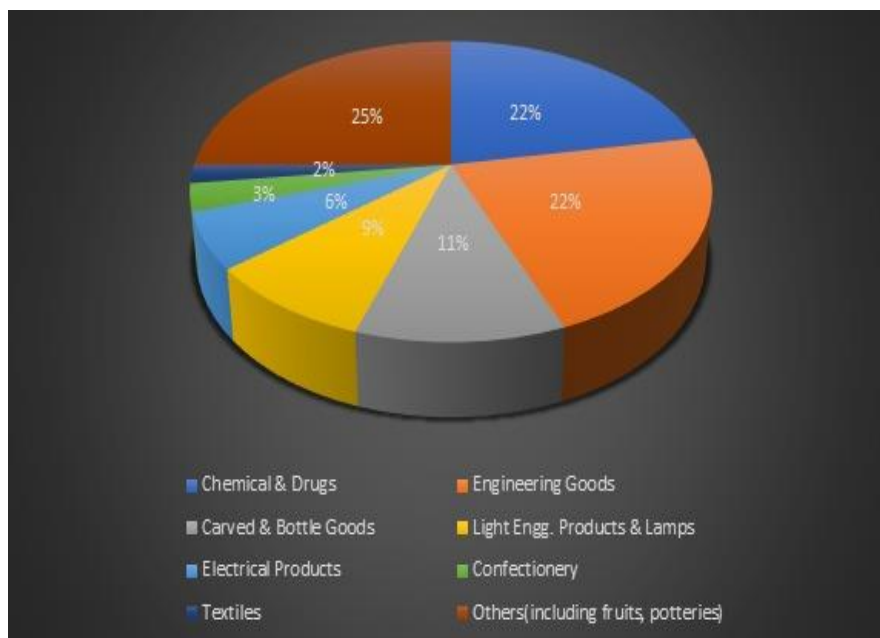
VII. Data regarding Exports:

As per the details obtained from DGCIS, the exports of corrugated paper, paper board and paper board containers, made by India to various countries during 2018-19, 2019-20 and 2020-21 (upto Feb' 21 only) are worth Rs.263.64 crore, Rs.282.09 crore and Rs.210.67 crore respectively. The details of country-wise exports for the mentioned period are placed at **Annexure-IV**.

The Products & Services:

The unit/firm is focused on manufacturing corrugated kraft paper board and boxes, which are an essential material in packing of a product. The products are used for packaging and shipment of FMCG, electronics, pharma, medical, textile, garments and other related products. The targeted customers belong to the following sectors:

- Food & beverage
- Electronic goods
- Home & personal care goods
- Chemicals
- Textile goods
- Paper products
- Others (Pharmaceuticals, rubber, and tobacco)



Sector-wise distribution of corrugated packaging in India

Pictures of Corrugated Boxes



Corrugated box for fruits packaging



5 ply corrugated boxes for shipping



3 ply corrugated box



Printed corrugated box



Cake box



Bountiful Festive Boxes



White tuck in Box

Corrugated board boxes are made with a corrugated sheet of paper attached to the facing of flat paper, usually kraft by adhesives. In our country, it is mostly produced over a single facer machine. Here, two paper reels are run together, one layer of paper becomes corrugated after passing through the heated rolls and the other is brought into contact with it after the former having glued at the tips. Thus, both get pasted together and are wound in rolls. The resulting roll is now known as single face/ corrugated roll/board. By cutting this roll with board cutter and then gluing the corrugated side by a pasting machine and placing 3rd ply of paper over it double faced or 3-ply corrugated board is produced. This board is kept under pressure in a sheet pressing machines for some time for setting of the wet glued sheets. Similarly, board can be pasted to form thicker boards i.e. 5-ply, 7-ply, 9-ply, etc.

Market Potential:

Paper and paper products are versatile industrial raw materials with a wide variety of application in this era and due to shortage of softwood, wooden packing cases are more and more replaced with corrugated board- boxes and cartons. As more and more materials are being used for paper packing, availability of raw materials is also on the rise. Also, recycling of waste paper is in demand, as it can be used to produce products like paperboards, binding sheets, sweet box cartons and other packing cartons. 80% of industrial packaging is done by carton boxes due to effective cushioning, light weight, easy to fabricate, easy for storing, easy for disposal, no strapping necessary, printing and advertising advantages, must in export market, recyclability, etc. Over 14,000 existing corrugated paper, paper board and box making units produce nearly 8 million tonnes of boxes per annum with an estimated market value of Rs.30,000 crore.

Recently, the trend of colored corrugated boxes has been on the rise. Several organized retailers are using colored and die-cut corrugated boxes for display and promotional purposes in their shops. These types of boxes are mainly used in order to attract customer's attention as these boxes are very eye catching.

As per the market analysis available, global demand for corrugated boxes is estimated to increase by 4.2% per annum to 234 billion square meters in 2017. The Global Corrugated Box Packaging market is expected to grow at a CAGR of 4.37% during the period 2015 to 2022. The increasing industrial activity in manufacturing sector and rising demand for value added boxes are the drivers for corrugated box packaging market. Corrugated boxes and solid fiber boxes are the largest and fastest growing segments in corrugated & paper board boxes market due to recovery of the manufacturing sector. Food and beverage segment dominates the global corrugated box packaging market due to increasing demand for value added boxes.

The Indian corrugated box industry is an inevitable part of manufacturing sector which rely heavily on corrugated packaging for finished goods transportation and handling. Indian corrugated box industry grew at a CAGR of 23.3% in terms of revenue. Factors such as increasing demand from fresh food and beverages, home & personal care goods, electronic goods industries, logistics application, increasing consumer awareness towards sustainable packaging and growth of the e-commerce industry have propelled the growth of Indian corrugated boxes market. 5 ply type of box has contributed a significant share in terms of sales volume in FY2018. 5-Ply type of box has dominated the market as

these boxes are now manufactured through semi/fully automatic machines which increases the strength of the box and is used in place of 7-ply and 9-ply type of boxes.

Indian corrugated box industry is expected to grow at a CAGR of double digit in between the FY2018 and FY2023 in terms of revenue due to the elevated demand from the end user segment in order to store and transport their end products. Increasing the demand of safe and cushioned packaging of the product will augment the growth of Indian Corrugated box market. The procurement of latest technology machines by manufacturers in order to make production fast and accurate will also drive the future of Indian corrugated box industry.

The Covid-19 scenario has resulted significant boost to the e-commerce sector. We see a lot of design innovation relating to the e-commerce sector. Part of e-commerce growth is related to the shift in urban to rural demand. Various initiatives of the government relating to agricultural reforms would definitely boost rural India. The demand will be brought to the centre stage as we go forward. Most of the brand owners are now focusing on rural demand. The entire packaging sector is helping in redesigning packs, which suit the rural markets.

In view of the above market analysis findings, the installed capacity of the unit is proposed to be as 6,000 MT per annum, which is very less as compared to the prevailing market demand.

Location of the Unit:

The Unit can be established any part of India and piece of land can be under leasehold to the extent of 500 Sq. Meters for the proposed activity and also for future expansions. The proposed location should be well connected with all infrastructure facilities like, transportation, power/electricity, water, communication, besides availability of skilled/unskilled workforce. The Proposed unit will provide employment directly to 100 persons and indirectly for 50 more persons. The Unit has to be established on leasehold land or rented premises with a built-up area of approximately 400 Sq. Meters.

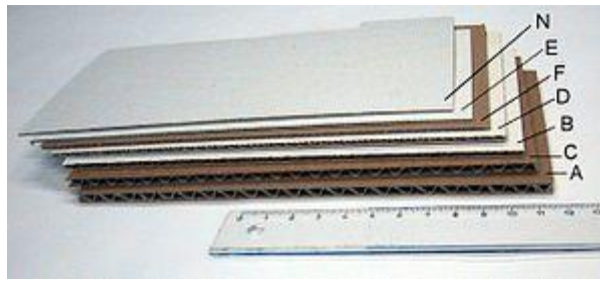
The Technology:

Corrugated Boxes are made in different sizes. The boxes are used for various purposes including shipping, distribution and so forth. These boxes are ecofriendly due to which many people and industries inclined to these boxes. Many years ago, box making industries were using conventional machinery for different operations. At present, semi/fully automatic Advanced Corrugated Box making technology is easily available in the market in all sizes up to 100 inches. With this advanced technology machinery, 5 layer corrugated paper box making is very easy and simple as worker enter the corrugated board feeding in to the unit, the conveyor takes this board to creasing unit where the machine makes proper creases and pieces. Then the machine puts glue on the board and then starts folding. At the time when board reaches the ejector it is transformed in to several boxes.

The Process:

The boxes are made up of corrugated paperboard that is different from the rigid paper called as cardboard. The boxes are used to hold things to protect it from damaging and keeping it from leaking. Boxes are printed with important information on them about what is inside or how to carry or move them. It is carefully designed to insert, hold items in place so they won't spill or be damaged. Steps in Box Building Corrugating machine is designed to do continuous process which brings together three, five or seven sheets of paper to form single, double or triple wall corrugated board. Strongboxes can be made from different layers like 3 layers or 5 layers of flutes. The first work is to mix dry corn starch with water and other chemicals and push it into the corrugators to spread on the corrugated medium as the layers of liner are added. A box can be made by the corrugated board on a sequence of connected machines called a corrugating line.

1. Corrugation: The corrugators are fed with reels of paper. The paper is hardened with heat and steam which is passed between corrugating rolls. This process gives the paper a flute shape (wavy layer) in the single facer. The roll of paper is pulled between a pair of gear like cylinders called corrugating rolls. This forms the paper into a series of particular waves. Glue is applied to the tips of the flutes on one side at the right places and the flute tips are pressed against a flat liner. This creates a corrugated board, i.e., a continuous sheet of flat paper with fluted paper glued to it. The corrugated board is so stiff that it cannot be rolled up; this is cut into flat sheets as per the required size to make the boxes which has been ordered. The corrugated board are then arranged and set aside so the glue can dry properly and after that it is sent to the next process.



2. Printing: A printing machine is used to print with bright colour ink. Use graphic designs for self-supporting display feature like company name, logo, product information, etc.

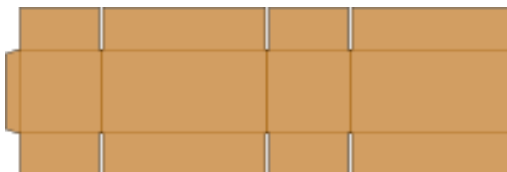
3. Die-Cutting: Die cutting is used to cut or punch out the size and shape of corrugated paper desired.

4. Stitching: Stitching is used to connect the lap and the end of the sheet of a corrugated container with a metal wire.

5. Gluing: Gluing is like stitching but resin adhesive is used instead of metal wire. Finally the packed or bundled boxes are ready for dispatch.



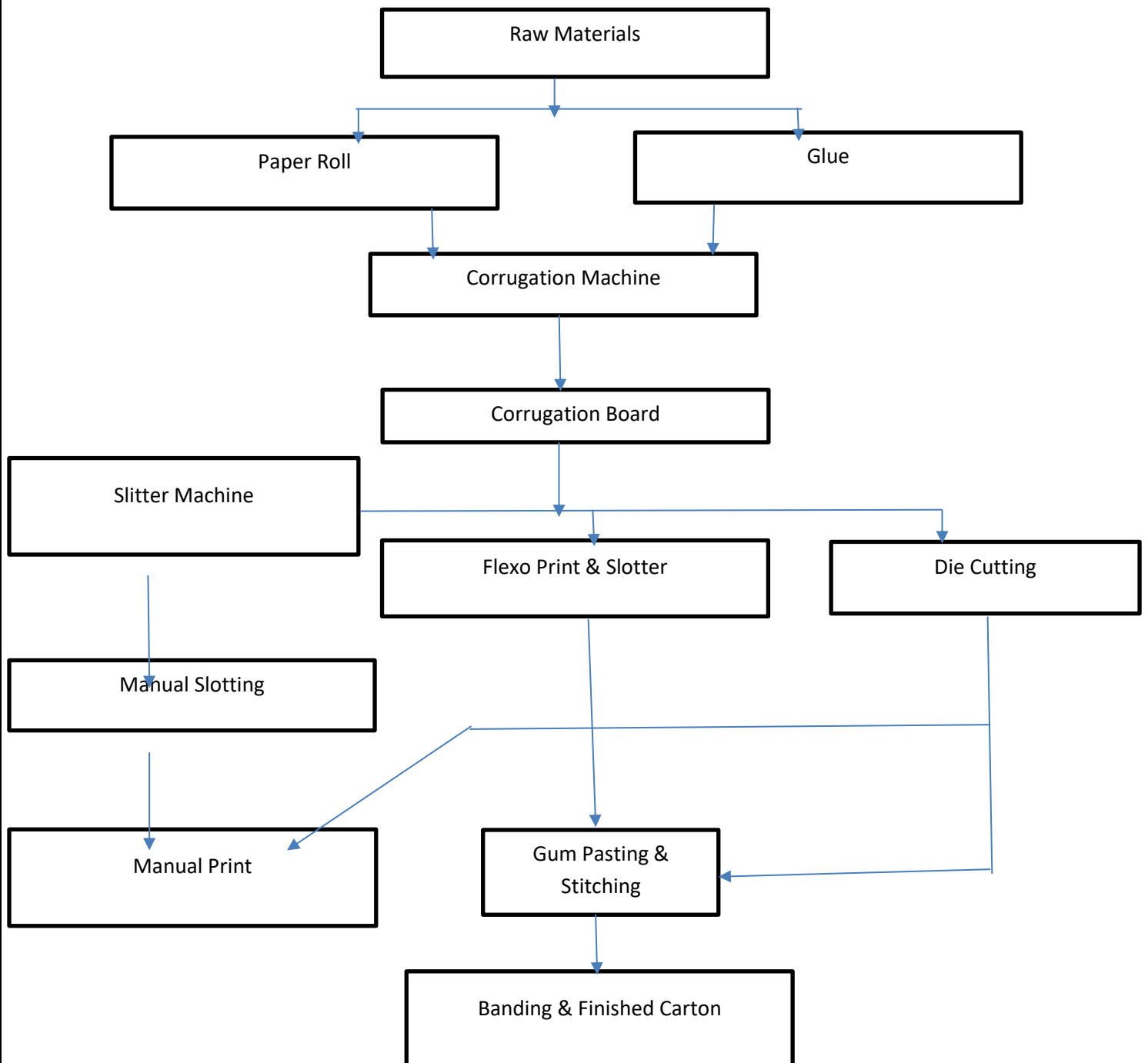
Regular Slotted Container



Box Blank Showing Score Lines, Slots, and Manufacturer's Joint

The process flow chart for manufacturing corrugated paper board boxes is given below:

Process Flow Chart for manufacturing of Corrugated Paper Boxes



Quality Assurance & Specifications

Quality assurance and quality check are the part and parcel of every sub stage of the process. The quality control process starts with the supplier who supplies the Kraft paper which is used to make corrugated cardboard. Kraft paper should be smooth and strong. The individual boards are checked randomly after corrugation. The quality check measures the moisture in the liner and medium. In the manufacturing process, quality test is determined by ensuring the glue strength, bursting strength, compression and highly accurate dimensions. The flatness of the box board is tested by warp test which assures that each board will travel easily through the machines. The final product/boxes are also checked randomly for each batch of the production for quality check, i.e. for trimming, cutting, printing the colour and bundling.

In India, Corrugated Fibre board Boxes for packing and transportation are manufactured to meet the standards as per IS 13228:2006, as tabulated below:

IS No.	Title
1060 (Part 1): 1966	Methods of sampling and test for paper and allied products: Part 1 (revised)
2771 (Part 1): 1990	Corrugated fibre board boxes – Specification: Part 1 General requirements (second-revision)
4006 (Part 1): 1985	Methods of test for paper and pulp based packaging materials: Part first revision)
4006 (Part 2): 1985	Methods of test for paper and pulp based packaging materials: Part 2 (first revision)

4261:2001	Glossary of terms relating to paper and pulp based packaging materials (first revision)
6481:1971	Guide for principal uses and styles of fibre board containers
7028 (Part 6): 1987	Performance tests for complete, filled transport packages: "Part 6 Compression test (first revision)
7063 (Part 2): 1976	Method of test for corrugated fibre board: Part 2 Edgewise crush resistance of board
7186:1973	Glossary of terms relating to paper and flexible packaging

The following ASTM standards are in practice among others:

- D1974 Standard Practice for Methods of Closing, Sealing and Reinforcing Fiberboard Boxes
- D4727 Standard Specification for Corrugated and Solid Fiberboard Sheet Stock (Container Grade) and Cut Shapes
- D5118 Standard Practice for Fabrication of Fiberboard Shipping Boxes
- D5168 Standard Practice for Fabrication and Closure of Triple-Wall Corrugated Fiberboard Containers
- D5639 Standard Practice for Selection of Corrugated Fiberboard Materials and Box Construction Based on Performance Requirements
- D6804 Standard Guide for Hand Hole Design in Corrugated Boxes

Plant & Machinery:

To manufacture corrugated boxes of 5-Ply semi Auto Corrugated Box line 100 Meters per minute with specification of maximum width 1800mm, design speed 120m/min with stacking size W1800 X L 3500 X H 100-170 mm, with cutting & slitting precession of ± 1 mm.

The following are main machinery with their activity details.

1. Single Facer: The single facer machine runs at the line speed of 100m/min. Using negative pressure type design helps the medium paper to press evenly and closer to the surface of corrugating roll to have perfect forming and also get even gluing on the flute tip to have perfect laminating of the single facer. Quick change rolls in 15 minutes, while replacing the corrugated rolls, the whole complete set of additional rolls with cassette is delivered into the machine by the carriage and matched with the hydraulic motor to be fixed on the base of the machine by the hydraulic system. The corrugating rolls, pressure roll, and glue roll are adopted with the high stability of the airbag control system, also with pneumatic control buffer effect. Adopt glue width motorized dividing to match the paper width. Digital readout for the gap between glue roll and doctor roll. The movable type glue unit is convenient to clean and maintenance. Easy operation control system. Touchscreen with a colorful drawing display operation state, easy and simple to handle. This machine is having Built-in-pre-conditioner with the proportional device for the medium moisture and temperature adjustment.



2. Mill Role Stand: The structure is double rotary shafts with four arms, supports two paper mill roll on both arms at the same time. Hydraulic control system for paper mill, roller up-down, clamp-opening, centering or motorized clamp open and centering. Using multipoint brake and automatic expansion springiness chucks, Reduce paper wastage was effective width 1200 mm – 2800 mm. Maximum paper roll diameter: 1500 mm Maximum Support Weight: 5T. Main axis: k 270 mm



3. Pre Heater: The diameter of preheated roller: 4600 mm, 4900 mm, 41100 mm. Electro motion heating angle adjustment. Adjustable range is 360 degrees. The surface of all rollers is well treated by grind and plated by hard chrome to ensure reel paper be heated averagely. Adopt dishing seal or plat design. Simplex, Duplex, Triplex or quardplex preheater according to requirement.



4. Over Bridge Conveyor: Effective working width: 1600 mm- 2500 mm, Max. Working speed: 200 m/min 250 m/min, Max. Sheet length 3000 mm, min sheet length 500 mm., Max Stacking height 1400 mm. (stacking height not over triplicity of sheet width), Automatic sheet stacking and side delivery, simplex or duplex down stacker structure, Hydraulic Servo valve control of elevator deck, ensure stable and quickly stacking, conveyor belt keeping synchronous with production line speed, keep stacking stable. PLC Control system to follow production line speed, delivery paper sheet, control elevator deck up and down, control back stop positioning clapboard to achieve automatic order change. This machine can be connect with production management system to achieved order change and order management., Adopt man – machine conversation and touch screen display, easy operation.



5. Glue Machine (Double): The glue machine Design Speed: 250 m/min, Glue roller: 320 mm. Each of the glue rolls controlled by a separate transducer motor to ensure all rolls run with the same pace also run singly, because each roll controlled by the separate transducer, after the glue roller renewed, also ensure the roll run with the same speed by transducer adjustment.



6. Double Facer: The double facer is also like single with added advantages like 2 air-cushion hot plate, 3 air-cushion hot plate ,4 air-cushion hot plates and Adjustable air bag press plate, Spring press plate Gravity roller.



7. Main Driver:



8. Slitter and Scorer (Servo): Automatic Synchronize with the corrugated line and also get in line with manufacture management system. High Compatibility, high quality PLC equipped composing the CNC system. There are three type of scores: Concave – Convex (Single Wall), Concave – Convex (Double Wall) and convex- Flat, which can also be alternated with electrical scoring can also be computer controlled with fine scoring results. Thin tungsten steel alloy blade, Sharp and long life of over 8 million meters. Computer controlled auto grinding and manual grinding also applicable. Alternative grinding the blade when slitting the board. It can increase efficiency.



9. Single Helical Cut off: Design Speed: 200 m/min – 250 m/min, Effective width: 1400 MM – 2500 MM, Cutting Length: 500 mm- 9000 mm, cutting precision: +/- 1 mm (Running at a steady speed). Helical Knives Structure with HSS knife edge, serration type knife and scissor cutting with less shear force, to keep the knives long life. Print and behind feeding adopt sun wheel, smooth transportation, and uniform pressure, avoid damage paperboard. Adjustable high precision non- gap gear to ensure cutting precision and running balance. Knife shaft made by quality forged steel material.



10. Down Stacker: Gantry stacking. Changing single time is 20 seconds, automatic counting system synchronized with the production management system, change orders automatically with high speed. During working with production manage control system, and then wastes paperboard less than 700mm due to change order. AC servo control movement allows stacking smoothly and tidily.



Schedule of Implementation:

S. No.	Activity	Start	Finish
1	Occupation of land and building (Lease hold rental)	May 2021	May 2021
2	Udayam Registration	May 2021	May 2021
3	Plant and Machinery (a) Ordering (b) Erecting	July 2021	Sept 2021
4	Approvals, registrations, licenses from statutory bodies	June 2021	Aug2021
5	Commissioning	Sept2021	Oct 2021
6	Bank Appraisals for Term loan and working capital loan	Sept2021	Oct 21021
7	Trial Production	Nov 2021	Nov 2021
8	Commercial Production	Dec 2021	Dec2021

Government Schemes:

(i) State Government Schemes:

1. Investment Subsidy Scheme: The unit eligible to avail Telangana State Government Investment subsidy scheme i.e. 15% subsidy on fixed capital up to Rs.20lakhs to the general category and 35% on fixed capital maximum up to Rs.75 lakh to the special category like SC, ST.

2.Power Cost Reimbursement: Fixed power cost reimbursement @ Rs.1.00 per unit for 5 years from the date of commencement of commercial production.

3. Interest Subsidy: Interest subsidy under Pavala Vaddi (25 paise interest) Scheme on the term loan taken on the fixed capital investment by New Micro and Small Enterprises in excess of 3% per annum subject to a maximum reimbursement of 9% per annum for a period of 5 years from the date of commercial production.

4. Stamp Duty Exemption: 100% reimbursement of Stamp Duty and transfer duty paid by Industry for Industrial use, 100% reimbursement of Stamp duty for lease of Land/Building.

5. Reimbursement of 100% net VAT/CST or State Goods and Services Tax (SGST): Reimbursement of 100% net VAT/CST or State Goods and Services Tax (SGST) for a period of 5 years from the date of commencement of commercial production.

(ii) Government of India Schemes:

1. CGTMSEs: The unit eligible to avail credit facility under CGTMSEs. The Credit Guarantee Scheme for Micro and Small Enterprises (CGS) was launched by the Government of India (GoI) to make available collateral-free credit to the micro and small enterprise sector. Both the existing and the new enterprises are eligible to be covered under the scheme. The credit facilities which are eligible to be covered both term loans and/or working capital for

collateral free loan up to a limit of Rs.200 lakh is available for individual MSEs on payment of guarantee fee to bank by the MSEs. Guarantee coverage ranges from 85% (Micro Enterprise up to Rs.5 lakh) to 75% (others). 50% coverage is for Retail Activity.

2. CLCS-TUS Scheme:

GOI is providing financial support to MSEs to facilitate technology up gradation through institutional finance for induction of well-established and proven technologies in the specific sub-sector/products. All Micro and Small Enterprises (MSEs) availing institutional credit to buy new Plant & Machinery approved under the scheme.

Special Benefits- In case of SC/ST, Women, NER / Hill States / Aspirational Districts /LWE affected Districts, the subsidy shall be admissible for investment in acquisition /replacement of Plant & Machinery /equipment & Technology up-gradation of any kind (Core plant & Machinery). Second hand & fabricated will not be eligible.

MSEs are eligible to get upfront subsidy of 15% on institutional credit upto Rs.100 Lakh (i.e. subsidy cap of Rs.15.00 lakh) for identified sectors/ subsectors/ technologies.

3. Micro and Small Enterprises Cluster Development Programme (MSE-CDP):

Under the scheme, tangible “assets” as Common Facility Center (CFC) can be created with facilities such as Common Production/Processing Centre (for balancing/correcting/improving production line that cannot be undertaken by individual units), Design Centres, Testing Facilities, Training Centre, R&D Centres, Effluent Treatment Plant, Marketing Display/Selling Centre, Common Logistics Centre, Common Raw Material Bank/Sales Depot, Plug & Play facility, facilities that can support marketing systems, collective GI, development of common production & product standards, development of new product designs, improved systems for better hygiene & working conditions for workers,

systems for higher overall productivity & capacity utilization of the cluster, systems for skill upgradation of the cluster, as well as supporting diversification activities of enterprises and startups in the cluster, etc. Backward/Forward linkages for value addition in bi-product/waste of cluster units would also be admissible for enhancing productivity/profitability of individual units subject to condition that CFC itself would not sell/market products/biproducts directly.

The GoI grant will be restricted to 70% of the cost of Project of maximum Rs.20.00 crore. GoI grant will be 90% for CFCs in NE & Hill States, Island territories, Aspirational Districts/LWE affected Districts, Clusters with more than 50% (a) micro/ village or (b) women owned or (c) SC/ST units. The cost of Project includes cost of Land (subject to maximum of 25% of Project Cost), building, pre-operative expenses, preliminary expenses, machinery & equipment, miscellaneous fixed assets, support infrastructure such as water supply, electricity and margin money for working capital.

Financial Aspects:

A. Fixed Capital

(I) Land and building

S. No	Description	Qty	Rent per month (in Rs.)	Rent per annum (in Rs.)
1.	Land and Building on monthly rental basis	500 Sq. Mtrs	1,50,000	18,00,000

(II) Machinery and Equipment

S. No.	Description of Machinery and equipment	Qty. (Nos.)	Rate (in Rs.)	Value in Rs.
I.	Corrugated Card Board line			
1	Vacuum Single Facer machine	1	15000000	15000000
2	Hydraulic shaft less Mill Role Stand	1		
3	Pre Heater	1		
4	Over Bridge Conveyor	1		
5	Triple Pre Heater	1		
6	Gluing Machine	1		
7	Double Facer with driving part.	1		
8	NC Helical Cutting Machine:	1		
9	Online Slitter and Scorer (Electric and Scorer Adjusting)	1		
10	Corrugated Card Board Down Stacker	1		
11	Glue Making system	1		
12	Electric control Panel system	1		
II.	High Speed Lead Edge 3 Colour Printer Slotter Die Cutter Stacker Design. speed of 150 Sheets/min	1	7500000	7500000

III.	Electrically Operated Crane Capacity: 5MT	1	800000	800000
IV	Welding Machine:	1	30000	30000
V	Tools, Jigs and Fixtures	LS	20000	20000
VI	Material Handling Equipment	LS	10000	10000
VII	Bench Grinding Machine	1	10000	10000
VIII	Transformer 315 KVA	1	400000	400000
IX	DG Set 150 KVA	1	500000	500000
X	Weighing Machine of 2MT capacity	1	15000	15000
XI	Fire Fighting Equipment	LS	10000	10000
XII	Fright charges @2%			500000
XIII	Taxes @5%			1215000
	TOTAL			26010000
	SAY			2,60,00,000

(III) Electrical Installation, Erection and Commissioning

S. No.	Description	Qty	Rate	Value in Rs.
1.	Erection of civil works	LS	10,00,000	1000000
2.	Installation of machinery and electrification, erection of transformer etc. (10% of machinery)	LS	25,00,000	2500000
	Total			35,00,000

(IV) Other Fixed Assets

S. No.	Description	Qty	Rate	Value in Rs.
1.	Working Tables and stools	LS	100000	100000
2.	Office furniture and other equipment	LS	200000	200000
3.	Computers and printers	15	50000	750000
	Total			10,50,000

(V) Details of Other Deposits

S. No.	Description	Amount in Rs.
1.	Telangana state Electricity Department	545000
2.	Land and Building Lease agreement Security Deposit	1000000
3.	Pollution Control No	5000
4.	Factories and Fire services Licenses	5000
	Total	1555000

(VI) Preliminary and Preoperative Expenses

S. No.	Description	Amount in Rs.
1.	Travelling Expenses	20000
2.	Cost of Project Preparation	40000
3.	Documentation	40000
4.	Salaries/ Expertise during Erection and Installation	500000
	Total	600000

B. Economics of Working

1. Raw Materials and Consumables:

The Raw materials and consumables are used in manufacturing in corrugated boxes are Kraft Paper, Glue, paints. All the Raw Materials and Consumables are locally available.

S.No.	Description of Raw Material	Units	Qty	Rate	Value (Rs. in crore)
1.	Kraft Paper	MT	32000	35,000	112
2.	Lamination Glue	MT	780	32,000	2.946
3.	Printing Ink	Ltrs	33600	180	0.605
4.	Staple pins	Boxes	400	1500	0.06
5.	Miscellaneous materials like binding cloth, Adhesive Tape, Lubricants, Engine oils, laminations, etc.	LS		500	0.10
	Total				115.711

2. Man Power / Employment details

The unit requires about 100 employees, consisting of both technical & non-technical and skilled/unskilled workers and the details are given below. As the unit is proposed to be located in Hyderabad (though report is suitable for any location), both skilled and unskilled workers are available easily.

(A) Wages

S.No.	Designation	No. of Persons	Salary/Month (in Rs.)	Total/annum (in Rs.)
1.	Skilled workers	12	15,000	2160000
2.	Semi-Skilled workers	15	12,000	2160000
3.	Un skilled workers	25	10,000	3000000
	Perquisites @ 15% on the salaries			1098000
	Total			84,18,000

(B) Salaries

S.No.	Designation	No. of Persons	Salary/Month (in Rs.)	Total/annum (in Rs.)
1.	Managers	4	50,000	2400000
2.	Engineers	20	25,000	6000000
3.	Supervisors	15	18,000	3240000
4.	Clerk/Accountant	10	8000	960000
5.	Watchman/Peon	5	6000	360000
	Perquisites @ 15% on the salaries			1944000
	Total			1,49,04,000

3. Utilities

(a) Electricity Load:

The unit is needs minimum electricity load of 250 KVA and connected load of 150 HP of High Tension Electricity Connection (440 Volts) for which provisions to be made.

S.No.	Description	Units	Rate	Total/annum (in Rs.)
1.	Power: 200KW x 24 hrs. x 50% utilization x 25days per Month x 12 Months	720000	Rs. 6.00/-	4320000
2.	Water	LS		180000
	Total			45,00,000

4. Other Contingencies

S.No.	Description	Total/annum (in Rs.)
1.	Rent	1800000
2.	Stationery and Postage	50000
3.	Transportation and conveyance	100000
4.	Maintenance and Repair	300000
5.	Insurance	250000
6.	Advertisement and Publicity	50000
7.	Service Taxes	200000
8.	Miscellaneous	250000
	Total	30,00,000

5. Working Capital Estimates

S.No.	Description	Stocking Period	Amount (Rs. in crore)
1.	Raw Material	One month	9.64
2.	Work in Progress	One Week	1.94
3.	Finished Goods	One Week	1.98
4.	Bills Receivable	15 Days	6.25
	Total		19.81

C. Means of Finance

S. No.	Description	Details
1.	Promoter's Contribution	25.36
2.	Debt equity Ratio	3:1

D. Source of Finance

(Rs. in crore)

S. No.	Description	Total	Bank	Promoters Contribution
1	Land and Building Lease Agreement	0.10	0.01	0.09
2.	Plant and Machinery and Equipment and Deposits	2.95	2.21	0.74
3.	Other Fixed Assets	0.105	0.080	0.25
4.	Preliminary and preoperative Expenses	0.06	0.04	0.02
5.	Working Capital one Cycle	19.81	14.86	4.95
	Total	22.855	17.20	5.835

E. Basis and Presumptions:

1. Installed capacity is estimated at 60000MT per annum
2. The units presumed to work three shifts per day and 300 days in a year.
3. Unit is expected to achieve the capacity utilization as per bellow:

1 st year	-	50%
2 nd year	-	60%
3 rd year	-	70%
4 th year onwards	-	75%

4. Labor Wages and salaries have been worked out as per the prevailing market rates.
 5. Commercial production is expected to commence from December 2021 onwards.
 6. From 2nd year onwards, wages and salaries have been increased by 10% every year.
 7. Depreciation is worked out at 10% on machinery, 20% on furniture, jigs & fixtures, work tables and stools, computers and printers.
 8. Cost of raw materials is worked out at prevailing market rates.
 9. Wastage calculated at 1 to 1.5 %.
 10. Interest is calculated at 14% for term loan as well as working capital.
 11. Taxes on plant & machinery calculated @5%.
 12. Freight charges of machinery calculated @2%
 13. Rental charges for establishing the proposed unit at Hyderabad is calculated as per the prevailing market rates in Hyderabad.
 14. Machinery costs are taken as per the lowest quotations provided by M/s. Nexgen Global Machine Tools, #41, Lake View Street, Adambakkam, Chennai-600088 and M/s Natraj Corrugating Machinery Co., Plot No 21-23, Mithrl, Dist. Palwal, Haryana 121105.
- (Annexure-V)**
15. Raw Material costs are taken as per the prevailing market rates.
 16. Selling price calculated at Rs.41,000/MT.
 17. Income tax calculated at 25%.

Financial Analysis

Estimated Cost of Production and Profitability

Rs. in crore

	Year	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
A	Installed Capacity	6000MT	6000MT	6000MT	6000MT	6000MT	6000MT	6000MT	6000MT
B	Production								
C	Capacity of Utilization	50	50	60	70	75	75	75	75
D	Manufacturing Expenses								
i	Raw Material and Consumables	38.57	115.711	135.85	158.492	173.57	173.57	173.57	173.57
ii	Utilities	0.15	0.45	0.54	0.630	0.675	0.675	0.675	0.675
iii	Wages (Direct)	0.281	0.842	0.926	1.020	1.122	1.234	1.357	1.493
iv	Repair and Maintenance	0.01	0.03	0.036	0.042	0.045	0.045	0.045	0.045
	SUB TOTAL (D)	39.011	117.033	137.352	160.184	175.412	175.524	175.647	175.783
E	Administrative Expenses								
i	Salaries	0.497	1.49	1.64	1.804	1.984	2.14	2.354	2.589
ii	Other administrative Expenses	0.090	0.27	0.324	0.378	0.405	0.405	0.405	0.405
	SUB TOTAL(E)	0.587	1.76	1.85	2.182	2.389	2.545	2.759	2.994
F	Selling Expenses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G	Total cost of Production	39.598	118.79	141.170	162.366	177.801	178.069	178.406	178.777
H	Sales	41.00	123.00	147.60	172.20	184.50	184.50	184.50	184.50
I	Gross Profit before Income Tax and Depreciation	1.402	4.21	6.43	9.834	6.699	6.431	6.094	5.723
J	Interest on Term Loan	0.102	0.309	0.28	0.21	0.14	0.07	0.00	0.00
K	Interest on working capital loan	0.500	2.109	2.29	2.50	2.60	2.60	2.60	2.60
L	Depreciation	0.00	0.30	0.267	0.239	0.213	0.190	0.171	0.154
M	Operating Profit (I-J-K -L)	0.80	1.502	3.593	6.885	3.746	3.59	3.323	2.969
N	Provision for Taxation	0.20	0.375	0.90	1.72	0.936	0.89	0.83	0.641
O	Net Profit after Tax	0.60	1.127	2.693	5.165	2.81	2.70	2.493	2.328
P	Net profit before Tax interested back but after depreciation EBIT(I-L)	0.80	1.202	3.326	6.646	3.533	3.40	3.152	2.815

Cash Flow Statement

(Rs. in crore)

S. No.	Years Costs Period	Start	1 st	2 nd	3 rd	4 th	5 th	6 th	7 th	8 th	Total
1	Sources of Funds										
A	Net profit before taxes with interest added back but after Depreciation		0.80	1.202	3.326	6.646	3.533	3.40	3.152	2.815	24.874
B	Increase in share capital equity	0.855	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.74
C	Depreciation		0.00	0.30	0.267	0.239	0.213	0.190	0.171	0.154	1.534
D	Increase in Long Term Loans	2.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.21
E	Increase in Share capital of W.L		4.95	0.00	0.50	0.50	0.25	0.00	0.00	0.00	7.681
F	Increase in Bank Borrowings for W.L		14.86	0.00	1.481	1.481	0.74	0.00	0.00	0.00	23.025
	TOTAL-1	3.195	20.61	1.502	5.574	8.866	4.736	3.59	3.323	2.969	60.064
2	Disposition of funds										
A	Preliminary Expenses	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
B	Increase in Capital Expenditure		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C	Increase in Working Capital		19.81	0.00	1.981	1.981	0.99	0.00	0.00	0.00	24.762
D	Decrease in Term loan	3.135	0.00	0.21	0.50	0.50	0.50	0.50	0.00	0.00	3.135
	TOTAL-2	3.195	19.81	0.21	2.481	2.481	1.49	0.50	0.00	0.00	30.167
3	Opening Balance		0.00	0.80	2.092	5.185	11.57	14.816	17.906	21.229	
4	Net Surplus(1-2)		0.80	1.292	3.093	6.385	3.246	3.09	3.323	2.969	
5	Closing Balance		0.80	2.092	5.185	11.57	14.816	17.906	21.229	24.198	

DSCR Statement

Rs. in crore

CA	Particular	1 st	2 nd	3 rd	4 th	5 th	6 th	7 th	8 th
	Cover								
A	Net profit after Tax	0.60	1.127	2.693	5.165	2.81	2.70	2.493	2.328
B	Depreciation	0.00	0.30	0.267	0.239	0.213	0.190	0.171	0.154
C	Interest on long term loan	0.102	0.309	0.28	0.21	0.14	0.07	0.00	0.00
d	Interest on working capital	0.500	2.109	2.29	2.50	2.60	2.60	2.60	2.60
	Total Cover	1.202	3.845	5.53	8.114	5.763	5.56	5.264	5.082
	Service								
A	Repayment of Long Term loans	0.00	0.21	0.50	0.50	0.50	0.64	0.00	0.00
B	Interest on Long Term loan	0.102	0.309	0.28	0.21	0.14	0.07	0.00	0.00
c	Interest on working capital	0.500	2.109	2.29	2.50	2.60	2.60	2.60	2.60
	Total Service	0.602	2.628	3.07	3.21	3.24	3.31	2.6	2.60
	DSCR	1.99	1.46	1.80	2.52	1.77	1.68	2.02	1.95

DSCR: 1.90

Projected Balance Sheet

S. No.	Particular	Const. Period	1 st	2 nd	3 rd	4 th	5 th	6 th	7 th	8 th
A	Liabilities									
	Share Capital	5.75	5.75	5.75	5.75	5.75	5.750	5.75	5.75	5.75
	Depreciation		0.00	0.30	0.267	0.239	0.213	0.190	0.171	0.154
	Reserves& Surplus		0.00	0.00	0.000	0.000	0.000	0.000	0.00	0.00
	Profits /loss		0.60	1.127	2.693	5.165	2.810	2.70	2.493	2.328
	Term loans	2.35	2.35	2.140	1.640	1.14	0.640	0.140	0.00	0.00
	Current liabilities		0.00	0.000	0.000	0.000	0.000	0.000	0.00	0.00
	Bank borrowings for W.C.	0.00	14.86	14.86	16.341	17.822	18.562	18.562	18.562	18.562
	Total	8.10	23.56	24.177	26.691	30.116	27.975	27.342	26.976	26.794
B	Assets									
	Gross Block (Assets)	3.155	3.215	3.215	3.215	3.215	3.215	3.215	3.215	3.215
	Less: Depreciation		0.00	0.30	0.567	0.806	1.019	1.209	1.38	1.534
	Net Block(assets)	3.155	3.215	2.915	2.648	2.409	2.196	2.006	1.835	1.681
	P&P Exp. & Deposits	0.06								
	Current Assets Gross		19.81	19.81	21.791	23.772	24.762	24.762	24.762	24.762
	Cash & Bank Bal.	4.885	0.535	1.452	2.252	3.935	1.017	0.574	0.379	0.351
	Total	8.10	23.56	24.177	26.691	30.116	27.975	27.342	26.976	26.794
	Current Ratio		1.33	1.431	1.471	1.55	1.39	1.364	1.354	1.353

Current Ratio= Current Assets/Current liabilities=1.41

Return on Investment (RoI)

RoI: $\frac{\text{Gross Profit}}{\text{Total Investment}} \times 100$

$$= \frac{6.699}{23} \times 100 = 29.12\%$$

Break Even Point (B.E.P)

Variable Costs

(Rs. in crore)

Raw Materials	173.57
Power fuel	0.675
Wages	1.122
Interest on Bank Borrowings	2.74
Repair and Maintenance	0.045
Total Variable Costs	178.152
Fixed Costs	
Managerial remuneration	1.984
Int. Term Loan	0.14
Depreciation	0.213
Other administrative expenses	0.405
Total Fixed Costs	2.742

Contribution = Sales – variable cost = 184.50 – 178.152 = 6.348

Contribution = 6.348

Breakeven: $\frac{\text{Fixed cost}}{\text{Contribution}} \times 100 = \frac{2.742}{6.348} = 43.19\%$

Conclusions:

As per the above study report and Project salient features, the proposed activity seems to be technically feasible and economically viable for setting up of Corrugated Paper Board and Boxes manufacturing units by prospective entrepreneurs. Establishment of more and more manufacturing units by the prospective entrepreneurs and technological upgradation of the existing units, coupled with the benefits out of the Government schemes would enhance the manufacturing potential of the domestic corrugated box producers leads to reduction of imports, increase in exports and also generate employment opportunities.

ANNEXURES

Annexure-I

List of Identified Clusters

S . N o .	Identified Cluster (Product) Under MSME-DI, Kanpur	Location	District	No. of MSMEs in cluster (approx.)	Any Intervention undertaken in the cluster	Cluster is suitable for which scheme	Nodal Officer DIC/Association/ NGO etc.
1	Corrugated (Box) Cluster	Kanpur Nagar	Kanpur Nagar	150	Udyam Samagam	Under MSE- CDP	DIEPC Kanpur Nagar
2	Corrugated & Conversion Product Cluster	GIDA Ind. Area	Gorakhpur	10-15	Udyam Samaagam	Under MSE- CDP	DIEPC Gorakhpur
3	Himachal Pradesh Corrugation Box Manufacturing Association	Baddi/ Nalagarh/ Parwanoo	Solan	75-80	Nil	Under MSE- CDP	Sh. Daulat Ram Thakur
4	Corrugation Boxes Industries	Kala Amb	Sirmaur	25 to 30	Nil	Under MSE- CDP	GM, DIC Nahan Distt. Sirmuar
5	Corrugation Boxes Industries	Paonta Sahib	Sirmaur	10 to 12	Nil	Under MSE- CDP	GM, DIC Nahan Distt. Sirmuar
6	Corrugated boxes and packaging	Indore	Indore	20	No	Testing Lab (CFC)	GM DTIC/ Sh. Veenit Jain
7	Corrugated box		Tiruvallur				GM, DIC, Tiruvallur
8	Corrugated Box	Raipur		8	Proposed	DCS	GM, DTIC, Raipur

9	Corrugated Boxes Manufacturers Mini Lean Cluster, Satara.	Satara	Satara	48	Awareness Programme on Lean Manufacturing	LMCS	MSME-DI, Mumbai
10	Corrugated Boxes Manufactures Cluster, Sakinaka	Sakinaka	Mumbai City	102	Awareness Programme on MSE-CDP	MSE-CDP	MSME-DI, Mumbai,
11	Corrugated fibre board and boxes	Jagatpur	Cuttack	40	Identified	MSECDP[support to state govt.]	MSMEDl, Cuttack
12	Packaging (Corrugated Boxes Manufacturing) Cluster	Hyderabad	Ranga Reddy	60	No	MSE-CDP	Indian Institute of Packaging, Sanathnagar, Hyderabad
13	Corrugated board	Bangalore Urban & Rural	Bangalore Urban & Rural	30		MSE-CDP	JD DIC, MSME-DI Bangalore
14	Paper and Packaging Cluster	Ramnagara District	Ramnagara District	40		MSE-CDP	JD DIC, MSME-DI Bangalore
15	Manufacture of corrugated paper board containers	Hoshiarpur	Hoshiarpur	10	NO	-	Harbir Singh Sodhi 9876561917 jjindustrieshp@gmail.com
16	Corrugated Box	Jagdishpur	Amethi	20		SFURTI	DC, DIEPC, Amethi

17	Corrugated Boxes Clsuter	Hathras	Hathras	10	No		Sh. Dushyant Kumar, DC(I), DIC, Hathras
18	Print & Packaging Cluster	Sector-37	Karnal	400	The CFC for 8 clour label printing , corrogation, book printing & binding etc. is under operation	MSE-CDP	Sh. Amit Arora, 9416870935
19	Corrugated Box	Bhiwadi	Alwar	25 units	No Intervention has been taken place so far	(1)MSE-CDP Scheme (1) CLS-TUS Scheme (2) PMS Scheme	GM DIC Bhiwadi 01493-222393

S.No.	State Name	Micro	Small	Medium	Total
1	ANDHRA PRADESH	67	71	1	139
2	ARUNACHAL PRADESH	0	0	0	0
3	ASSAM	5	12	4	21
4	BIHAR	81	13	0	94
5	CHHATTISGARH	13	12	0	25
6	GOA	11	14	0	25
7	GUJARAT	448	368	43	859
8	HARYANA	169	123	4	296
9	HIMACHAL PRADESH	28	51	4	83
10	JHARKHAND	14	8	0	22
11	KARNATAKA	215	105	3	323
12	KERALA	41	30	0	71
13	MADHYA PRADESH	215	61	2	278
14	MAHARASHTRA	651	411	20	1082
15	MANIPUR	0	1	0	1
16	MEGHALAYA	0	0	0	0
17	MIZORAM	0	0	0	0
18	NAGALAND	0	0	0	0
19	ODISHA	31	9	0	40
20	PUNJAB	88	57	5	150
21	RAJASTHAN	186	84	3	273
22	SIKKIM	1	5	0	6
23	TAMIL NADU	699	262	22	983
24	TELANGANA	169	164	3	336
25	TRIPURA	1	0	0	1
26	UTTAR PRADESH	527	172	12	711
27	UTTARAKHAND	31	53	4	88
28	WEST BENGAL	102	42	2	146

29	ANDAMAN AND NICOBAR ISLANDS	0	0	0	0
30	CHANDIGARH	6	4	1	11
31	DADAR AND NAGAR HAVELI	7	10	1	18
32	DAMAN AND DIU	1	5	1	7
33	DELHI	375	97	2	474
34	JAMMU AND KASHMIR	3	8	1	12
35	LADAKH	0	0	0	0
36	LAKSHADWEEP	0	0	0	0
37	PUDUCHERRY	15	13	1	29
Total		4200	2265	139	6604

S.No.	State Name	Micro	Small	Medium	Total
1	ANDHRA PRADESH	84	118	3	205
2	ARUNACHAL PRADESH	0	1	0	1
3	ASSAM	6	25	3	34
4	BIHAR	101	13	0	114
5	CHHATTISGARH	9	8	0	17
6	GOA	18	18	1	37
7	GUJARAT	316	350	23	689
8	HARYANA	280	225	3	508
9	HIMACHAL PRADESH	27	68	7	102
10	JHARKHAND	18	11	0	29
11	KARNATAKA	209	170	15	394
12	KERALA	64	54	1	119
13	MADHYA PRADESH	403	124	9	536
14	MAHARASHTRA	692	570	25	1287
15	MANIPUR	3	2	0	5
16	MEGHALAYA	0	0	0	0
17	MIZORAM	0	0	0	0
18	NAGALAND	0	0	0	0
19	ODISHA	31	17	0	48
20	PUNJAB	186	93	8	287
21	RAJASTHAN	181	81	6	268
22	SIKKIM	0	5	0	5
23	TAMIL NADU	581	229	7	817
24	TELANGANA	112	125	5	242
25	TRIPURA	0	0	0	0
26	UTTAR PRADESH	869	296	15	1180
27	UTTARAKHAND	68	78	4	150
28	WEST BENGAL	97	60	6	163

29	ANDAMAN AND NICOBAR ISLANDS	0	0	0	0
30	CHANDIGARH	5	6	1	12
31	DADAR AND NAGAR HAVELI	9	11	1	21
32	DAMAN AND DIU	6	12	0	18
33	DELHI	427	148	13	588
34	JAMMU AND KASHMIR	8	6	1	15
35	LADAKH	0	0	0	0
36	LAKSHADWEEP	0	0	0	0
37	PUDUCHERRY	24	11	0	35
Total		4834	2935	157	7926

**India's Imports of Boxes of Corrugated Paper and Paper Board (HS Code:48191010)
including re-import country-wise from April-2018 To March-2019**

Hs Code	Commodity	Country	Unit	March, 19 Qty	March, 19 Value(INR)	April, 18 To March, 19 Qty	April, 18 To March, 19 Value(INR)
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	CHINA P RP	KGS	325294	58338316	4600012	786246445
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	HONG KONG	KGS	17503	5012537	543990	191017256
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	SRI LANKA DSR	KGS	124708	18641944	896162	166352836
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	VIETNAM SOC REP	KGS	19343	3824356	923042	139362433
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	SOUTH AFRICA	KGS	239257	23709553	1092356	110297686
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	ISRAEL	KGS	1407	55338350	2237	55513448
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	U ARAB EMTS	KGS	35715	1883026	300059	45067197
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	U S A	KGS	654	791417	140937	39102425
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	GERMANY	KGS	8779	2098405	152601	36842261
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	KOREA RP	KGS	1692	1009378	125301	19676493
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	SWEDEN	KGS	1605	1571577	19694	16384543
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	NETHERLAND	KGS	263	110141	69665	9738580
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	SINGAPORE	KGS	688	355551	36903	9557068
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	FRANCE	KGS	4	1813	27998	9155386
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	THAILAND	KGS	2959	1692248	28744	5583979
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	U K	KGS	3458	1184391	16416	3189289
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	SWITZERLAND	KGS	708	825977	3844	3073272

48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	ITALY	KGS	0	0	7664	2661619
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	BELGIUM	KGS	5400	1545582	11143	2278057
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	SPAIN	KGS	1049	306158	7971	1917214
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	PHILIPPINES	KGS	860	442112	5480	1386622
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	MALAYSIA	KGS	661	381063	5135	1210478
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	INDONESIA	KGS	200	79929	3381	985344
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	TURKEY	KGS	1456	281706	4953	950898
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	TAIWAN	KGS	658	209091	2436	712335
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	AUSTRALIA	KGS	0	0	2083	622467
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	JAPAN	KGS	122	22004	3068	490136
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	DENMARK	KGS	0	0	535	414547
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	MEXICO	KGS	0	0	450	185920
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	CHILE	KGS	0	0	1000	113313
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	BRAZIL	KGS	0	0	443	109658
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	CZECH REPUBLIC	KGS	100	22204	2479	54806
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	AUSTRIA	KGS	0	0	270	53298
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	MOROCCO	KGS	0	0	160	35559
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	IRAN	KGS	0	0	210	35015
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	FINLAND	KGS	60	12724	80	21456
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	POLAND	KGS	0	0	74	16220
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	UKRAINE	KGS	0	0	75	15412

48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	IRELAND	KGS	15	10965	15	10965
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	CANADA	KGS	50	8721	50	8721
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	HUNGARY	KGS	0	0	8	7529
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	PAKISTAN IR	KGS	0	0	30	7119
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	SAUDI ARAB	KGS	0	0	40	6264
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	ROMANIA	KGS	0	0	17	3980
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	ESTONIA	KGS	0	0	10	2057
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	GREECE	KGS	0	0	10	2048
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	SLOVENIA	KGS	0	0	5	1062
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	BULGARIA	KGS	0	0	4	811
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	PORTUGAL	KGS	0	0	4	789
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	NETHERLANDANTIL	KGS	0	0	2	526
Imports during 2018-19							Rs.166.05 cr.

**India's Imports of Boxes of Corrugated Paper and Paper Board (HS Code:48191090)
including re-import country-wise from April-2018 To March-2019**

Hs Code	Commodity	Country	Unit	March, 19 Qty	March, 19 Value(INR)	April, 18 To March, 19 Qty	April, 18 To March, 19 Value(INR)
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	CHINA P RP	KGS	369837	44024300	3743709	607858842
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	SRI LANKA DSR	KGS	64614	11495624	499887	102460398
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	U S A	KGS	28605	9809986	256089	72437737
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	HONG KONG	KGS	9080	2107415	132764	32703576
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	TAIWAN	KGS	8245	3460233	62890	30234978
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	GERMANY	KGS	6659	3939718	120189	25154505
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	SINGAPORE	KGS	14241	2874826	112944	22619043
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	FRANCE	KGS	153	143118	198928	22187189
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	SOUTH AFRICA	KGS	13100	3784993	85587	15077178
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	ITALY	KGS	627	284197	76249	13906138
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	VIETNAM SOC REP	KGS	1232	398791	50216	9016288
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	SWEDEN	KGS	11	5734	10024	7900067

48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	BELGIUM	KGS	1362	140817	37345	6913258
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	BANGLADESH PR	KGS	0	0	99785	6881056
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	JAPAN	KGS	2995	3188519	12111	6558402
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	TURKEY	KGS	0	0	38213	5678921
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	U ARAB EMTS	KGS	758	48594	63100	5645128
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	SPAIN	KGS	145	75609	13442	5295107
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	POLAND	KGS	5	2871	16314	5134691
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	OMAN	KGS	115	1420	41927	3884651
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	U K	KGS	535	224757	13750	3605030
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	KOREA RP	KGS	2184	617844	9160	2636090
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	NETHERLAND	KGS	262	237295	8108	2125509
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	MALAYSIA	KGS	648	145226	10677	2020992
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	SWITZERLAND	KGS	115	265134	3216	1714894
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	ROMANIA	KGS	0	0	4620	1336386
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	PHILIPPINES	KGS	0	0	6260	864704

48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	ISRAEL	KGS	2945	780964	3247	840925
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	THAILAND	KGS	18	7250	4134	589788
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	INDONESIA	KGS	144	99680	1687	507024
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	DENMARK	KGS	100	19830	1546	420352
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	AUSTRALIA	KGS	15	8894	476	351672
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	BR VIRGN IS	KGS	0	0	1622	339012
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	NORWAY	KGS	0	0	1120	324254
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	MEXICO	KGS	0	0	190	303754
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	EGYPT A RP	KGS	0	0	1157	261518
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	HUNGARY	KGS	0	0	1125	253977
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	CZECH REPUBLIC	KGS	0	0	238	180430
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	RUSSIA	KGS	0	0	800	162812
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	IRELAND	KGS	0	0	492	157205
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	BRAZIL	KGS	0	0	340	127786
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	AUSTRIA	KGS	6	1913	428	113992

48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	ARGENTINA	KGS	0	0	340	97532
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	LUXEMBOURG	KGS	60	12558	376	83830
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	NEPAL	KGS	0	0	214	68764
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	PORTUGAL	KGS	0	0	87	36249
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	MOROCCO	KGS	0	0	124	32990
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	CANADA	KGS	0	0	122	18630
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	SUDAN	KGS	0	0	90	15098
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	UKRAINE	KGS	0	0	50	10861
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	SLOVENIA	KGS	0	0	15	2144
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	KENYA	KGS	0	0	6	1388
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	PAKISTAN IR	KGS	0	0	28	686
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	BULGARIA	KGS	0	0	8	400
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	CAMBODIA	KGS	0	0	1	167
Imports during 2018-19							Rs.102.72 cr.

**India's Imports of Boxes of Corrugated Paper and Paper Board (HS Code:48191010)
including re-import country-wise from April-2019 To March-2020**

Hs Code	Commodity	Country	Unit	March, 20 Qty	March, 20 Value(INR)	April, 19 To March, 20 Qty	April, 19 To March, 20 Value(INR)
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	CHINA P RP	KGS	162992	46064441	5375793	1027370028
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	SRI LANKA DSR	KGS	8015	3369809	699692	168701085
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	HONG KONG	KGS	23390	8006229	284481	71410448
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	VIETNAM SOC REP	KGS	40883	7681417	221412	54733338
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	U ARAB EMTS	KGS	10327	1077628	297783	54590199
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	GERMANY	KGS	12804	1630219	181184	28276800
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	SOUTH AFRICA	KGS	0	0	306397	27382476
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	U S A	KGS	44	44100	77020	21614520
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	KOREA RP	KGS	3998	414131	148200	19064430
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	FRANCE	KGS	40	5108	38918	12235058
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	SWEDEN	KGS	4	4385	2798	6365949
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	THAILAND	KGS	755	274242	26579	6341379
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	SINGAPORE	KGS	5471	879690	26735	5971836
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	ISRAEL	KGS	830	3165456	2515	3849965
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	MACAO	KGS	0	0	2753	2987628
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	SWITZERLAND	KGS	233	29297	3114	2696788
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	SPAIN	KGS	8	808	7807	2657195

48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	TAIWAN	KGS	143	75043	5271	2035090
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	BELGIUM	KGS	0	0	20621	1984496
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	MALAYSIA	KGS	970	659557	38017	1790195
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	NETHERLAND	KGS	13725	495886	18194	1746131
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	ITALY	KGS	343	198746	4591	1645813
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	U K	KGS	367	143115	5676	970776
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	PHILIPPINES	KGS	72	20048	1897	943381
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	MEXICO	KGS	143	196944	425	668499
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	JAPAN	KGS	16	14157	2620	326590
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	INDONESIA	KGS	0	0	1210	309338
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	CZECH REPUBLIC	KGS	0	0	797	216281
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	HUNGARY	KGS	0	0	286	194866
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	POLAND	KGS	15	23306	809	187987
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	OMAN	KGS	0	0	185	143300
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	IRELAND	KGS	0	0	290	136845
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	AUSTRALIA	KGS	0	0	408	90890
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	RUSSIA	KGS	0	0	240	58316
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	BANGLADESH PR	KGS	0	0	310	50250
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	TURKEY	KGS	0	0	663	48473
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	LATVIA	KGS	100	36549	100	36549
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	ALGERIA	KGS	0	0	43	29556

48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	CHILE	KGS	0	0	120	24352
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	FINLAND	KGS	14	6001	70	17315
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	MONGOLIA	KGS	0	0	3	9647
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	BRAZIL	KGS	0	0	61	8399
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	ARGENTINA	KGS	0	0	40	5628
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	NIGERIA	KGS	0	0	14	5425
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	PORTUGAL	KGS	0	0	30	5323
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	DENMARK	KGS	0	0	6	2732
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	NEPAL	KGS	0	0	13	2687
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	EGYPT A RP	KGS	0	0	25	2431
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	AUSTRIA	KGS	0	0	3	1760
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	BHUTAN	KGS	0	0	7	1400
Imports during 2019-20							Rs.153 cr.

**India's Imports of Boxes of Corrugated Paper and Paper Board (HS Code:48191090)
including re-import country-wise from April-2019 To March-2020**

Hs Code	Commodity	Country	Unit	March, 20 Qty	March, 20 Value(INR)	April, 19 To March, 20 Qty	April, 19 To March, 20 Value(INR)
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	CHINA P RP	KGS	144419	21729696	4183060	589638490
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	SRI LANKA DSR	KGS	29290	7236295	558261	137533382
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	U S A	KGS	7981	5993520	200438	76557121
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	TAIWAN	KGS	0	0	61918	26589256
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	HONG KONG	KGS	8838	2512251	115669	22615096
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	GERMANY	KGS	4626	2074801	83907	22553108
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	SINGAPORE	KGS	6362	1682859	57070	14450246
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	U ARAB EMTS	KGS	2312	105389	21227	10365427
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	BANGLADESH PR	KGS	0	0	102687	8383376
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	FRANCE	KGS	209	17047	41832	8297209
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	JAPAN	KGS	424	289066	10147	7673744
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	ISRAEL	KGS	1522	1240410	9808	6926341
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	NETHERLAND	KGS	2641	621556	22930	5042330
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	BELGIUM	KGS	5	7191	35031	4649274
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	PHILIPPINES	KGS	90	21045	15859	3387021
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	AUSTRALIA	KGS	0	0	21592	3299190
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	VIETNAM SOC REP	KGS	7873	595822	48211161	3067036
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	THAILAND	KGS	3583	1126489	11372	2363831

48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	KOREA RP	KGS	0	0	9005	1795998
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	MALAYSIA	KGS	651	108412	10042	1490982
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	U K	KGS	27	8178	3686	1326537
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	SPAIN	KGS	7	6490	2796	1171426
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	ITALY	KGS	43	9353	2845	1140502
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	SOUTH AFRICA	KGS	0	0	11097	1133430
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	TURKEY	KGS	0	0	5304	1042637
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	SWITZERLAND	KGS	0	0	940	1005352
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	INDONESIA	KGS	0	0	3450	751080
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	MEXICO	KGS	6	6350	635	593766
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	POLAND	KGS	0	0	677	229122
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	SWEDEN	KGS	0	635	525	209573
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	DENMARK	KGS	27	3633	797	147441
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	SENEGAL	KGS	0	0	440	113364
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	CZECH REPUBLIC	KGS	38	10188	130	84032
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	EGYPT A RP	KGS	0	0	282	65794
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	AUSTRIA	KGS	0	0	123	60568
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	LUXEMBOURG	KGS	0	0	210	59491
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	HUNGARY	KGS	0	0	23	44775
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	QATAR	KGS	0	0	120	35919
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	SAUDI ARAB	KGS	0	0	150	29586

48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	OMAN	KGS	0	0	150	20297
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	IRELAND	KGS	0	0	158	16237
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	NORWAY	KGS	0	0	45	9081
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	KENYA	KGS	0	0	21	7800
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	PORTUGAL	KGS	0	0	15	6011
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	UKRAINE	KGS	0	0	11	3467
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	LITHUANIA	KGS	0	0	18	2483
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	FINLAND	KGS	6	2397	6	2397
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	CANADA	KGS	0	0	8	1756
Imports during 2019-20							Rs.96.60 cr.

**India's Imports of Boxes of Corrugated Paper and Paper Board (HS Code:48191010)
including re-import country-wise from April-2020 To February-2021**

Hs Code	Commodity	Country	Unit	Februa ry, 21 Qty	February , 21 Value (INR)	April, 20 To February, 21 Qty	April, 20 To February, 21 Value(INR)
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	CHINA P RP	KGS	0	0	2848413	560970402
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	VIETNAM SOC REP	KGS	0	0	2094397	307364574
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	SRI LANKA DSR	KGS	0	0	345666	153171538
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	U ARAB EMTS	KGS	0	0	147879	34575955
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	GERMANY	KGS	0	0	139238	26608975
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	HONG KONG	KGS	0	0	36875	19974819
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	U S A	KGS	0	0	55280	15198256
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	SOUTH AFRICA	KGS	0	0	150084	12919476
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	SINGAPORE	KGS	0	0	35734	10397886
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	THAILAND	KGS	0	0	16970	7110553
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	ISRAEL	KGS	0	0	3251	5999038
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	NETHERLAND	KGS	0	0	19953	4154390
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	U K	KGS	0	0	5396	4042124
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	SWEDEN	KGS	0	0	3627	2986436
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	JAPAN	KGS	0	0	6163	2948564
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	MALAYSIA	KGS	0	0	10077	2541320
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	KOREA RP	KGS	0	0	10357	1796166

48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	TAIWAN	KGS	0	0	6249	1766938
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	SPAIN	KGS	0	0	3222	1650236
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	ITALY	KGS	0	0	5160	1184434
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	BELGIUM	KGS	0	0	10919	1116709
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	CZECH REPUBLIC	KGS	0	0	1287	1044453
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	AUSTRALIA	KGS	0	0	9056	945397
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	POLAND	KGS	0	0	971	900431
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	MEXICO	KGS	0	0	791	866516
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	HUNGARY	KGS	0	0	603	423077
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	FRANCE	KGS	0	0	117	228256
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	INDONESIA	KGS	0	0	643	203589
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	SWITZERLAND	KGS	0	0	155	173042
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	LATVIA	KGS	0	0	490	131706
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	FINLAND	KGS	0	0	191	74208
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	PHILIPPINES	KGS	0	0	160	72653
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	RUSSIA	KGS	0	0	137	69790
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	BRAZIL	KGS	0	0	346	65123
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	ALBANIA	KGS	0	0	756	58289
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	OMAN	KGS	0	0	100	53738
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	CHILE	KGS	0	0	200	33842
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	EGYPT A RP	KGS	0	0	65	30457

[illegible]

**India's Imports of Boxes of Corrugated Paper and Paper Board (HS Code:48191090)
including re-import country-wise from April-2020 To February-2021**

Hs Code	Commodity	Country	Unit	Februa ry, 21 Qty	Februar y, 21 Value(I NR)	April, 20 To February, 21 Qty	April, 20 To February, 21 Value(INR)
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	CHINA P RP	KGS	0	0	2048169	323405380
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	SRI LANKA DSR	KGS	0	0	284015	73178542
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	U K	KGS	0	0	143536	61027651
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	U S A	KGS	0	0	123546	48353890
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	HONG KONG	KGS	0	0	100992	39155562
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	GERMANY	KGS	0	0	66942	22856244
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	JAPAN	KGS	0	0	15302	21756112
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	TAIWAN	KGS	0	0	51645	12346055
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	SINGAPORE	KGS	0	0	55882	11160005
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	U ARAB EMTS	KGS	0	0	30064	7960227
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	NETHERLAND	KGS	0	0	13225	5707485
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	ISRAEL	KGS	0	0	4995	3378387

48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	MALAYSIA	KGS	0	0	9362	2647014
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	INDONESIA	KGS	0	0	22007	2387344
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	FRANCE	KGS	0	0	10583	2240193
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	KOREA RP	KGS	0	0	5362	2044536
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	VIETNAM SOC REP	KGS	0	0	9541	1837154
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	SPAIN	KGS	0	0	3039	919998
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	THAILAND	KGS	0	0	1859	622312
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	SWITZERLAND	KGS	0	0	1144	505514
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	ITALY	KGS	0	0	1157	439135
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	BELGIUM	KGS	0	0	1363	423724
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	BANGLADESH PR	KGS	0	0	5044	398949
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	PHILIPPINES	KGS	0	0	1529	363719
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	AZERBAIJAN	KGS	0	0	77	259875
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	SWEDEN	KGS	0	0	571	236398
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	AUSTRALIA	KGS	0	0	3001	129402

48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	IRELAND	KGS	0	0	388	96414
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	DENMARK	KGS	0	0	500	78207
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	CANADA	KGS	0	0	226	46400
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	HUNGARY	KGS	0	0	197	40214
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	RUSSIA	KGS	0	0	130	34136
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	CZECH REPUBLIC	KGS	0	0	41	32952
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	ARMENIA	KGS	0	0	48	32136
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	ROMANIA	KGS	0	0	122	29043
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	BELARUS	KGS	0	0	228	28116
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	TURKEY	KGS	0	0	134	27252
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	UNSPECIFIED	KGS	0	0	1436	6577
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	SLOVENIA	KGS	0	0	25	6112
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	FINLAND	KGS	0	0	30	5239
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	AUSTRIA	KGS	0	0	30	5170
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	MALAWI	KGS	0	0	20	4384

48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	COTE D' IVOIRE	KGS	0	0	1	2574
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	SEYCHELLES	KGS	0	0	8	2563
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	MEXICO	KGS	0	0	7	1781
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	POLAND	KGS	0	0	1	436
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	BAHARAIN IS	KGS	0	0	1	189
Imports during 2020-21 (upto Feb 21 only)							Rs.64.62 cr.

Annexure-IV

**India's Exports of Boxes of Corrugated Paper and Paper Board (HS Code:48191010)
including re-export country-wise from April-2018 To March-2019**

Hs Code	Commodity	Country	Unit	March, 19 Qty	March, 19 Value(INR)	April, 18 To March, 19 Qty	April, 18 To March, 19 Value(INR)
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	U S A	KGS	63597	9838204	950680	143482658
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	NEPAL	KGS	216450	17614484	1626854	133097822
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	U ARAB EMTS	KGS	112728	14608167	1223620	130391281
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	U K	KGS	31328	6902291	742022	117407060
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	ANGOLA	KGS	81270	6243990	1671778	116701918
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	ETHIOPIA	KGS	215299	14164467	1615953	111708766
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	BRAZIL	KGS	38500	5998179	853097	105814879
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	JORDAN	KGS	320	35132	589784	50183946
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	QATAR	KGS	69356	8356434	392100	40632216
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	PHILIPPINES	KGS	47010	6147527	377237	39807225
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	TANZANIA REP	KGS	3040	468112	369267	39695357
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	AUSTRALIA	KGS	32940	4066556	310871	39625823
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	GABON	KGS	22892	1698855	507019	36418792
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	MOZAMBIQUE	KGS	0	0	393509	36186376
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	BANGLADESH PR	KGS	13215	3549501	163183	31025109
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	VIETNAM SOC REP	KGS	280	44249	352601	30548130
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	KENYA	KGS	12210	4056153	185525	29005221

48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	SUDAN	KGS	22900	2095119	353239	28843914
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	NETHERLAND	KGS	9448	1486767	151287	26839892
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	BHUTAN	KGS	42852	3644601	244104	22206050
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	GERMANY	KGS	9150	1655912	104777	20968587
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	CANADA	KGS	824	118340	135245	20715057
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	SENEGAL	KGS	35925	3468797	202242	17720380
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	SRI LANKA DSR	KGS	13275	975092	166134	17674602
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	NIGERIA	KGS	23611	1286452	180823	16344600
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	EGYPT A RP	KGS	192929	11809532	214933	13653469
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	RWANDA	KGS	93492	8167255	149794	12885692
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	GAMBIA	KGS	200	26028	65829	11002047
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	OMAN	KGS	826	89398	103192	10761140
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	SAUDI ARAB	KGS	7952	1204467	69267	9728526
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	LIBERIA	KGS	12700	2087521	104533	9358911
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	LAO PD RP	KGS	0	0	72810	9304355
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	KAZAKHSTAN	KGS	0	0	670600	8617031
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	SINGAPORE	KGS	10005	1589145	36348	8606822
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	SPAIN	KGS	10873	968138	71993	8064384
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	DJIBOUTI	KGS	0	0	68566	7823758
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	MAURITIUS	KGS	20621	904026	78191	7506381
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	GHANA	KGS	17001	524880	157005	7252127

48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	CHINA P RP	KGS	5443	840980	33761	7229284
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	FRANCE	KGS	1360	286634	25536	6833197
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	CONGO D. REP.	KGS	1120	159233	73140	6715271
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	DENMARK	KGS	95	18178	25824	6141961
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	ITALY	KGS	5672	1593367	31958	6129786
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	BURKINA FASO	KGS	10920	1189318	67254	5726315
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	COTE D' IVOIRE	KGS	7200	1068199	58201	4927217
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	INDONESIA	KGS	13100	1161785	45582	4590126
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	MALDIVES	KGS	3735	284837	40163	4164803
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	SOUTH AFRICA	KGS	2890	424281	21354	3778046
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	SWEDEN	KGS	40	7069	11441	3688519
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	UGANDA	KGS	3000	506868	50393	3573734
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	ALGERIA	KGS	6555	153976	17135	3338506
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	NEW ZEALAND	KGS	13	2044	27257	3244922
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	BENIN	KGS	2025	307929	43108	2896380
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	ZAMBIA	KGS	2130	258866	23595	2827733
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	GUINEA	KGS	0	0	36220	2800717
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	POLAND	KGS	800	242550	6834	2768029
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	KOREA RP	KGS	40	6466	18147	2547977
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	HUNGARY	KGS	200	20790	22655	2471044
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	BAHARAIN IS	KGS	0	0	18410	2386045

48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	MALAYSIA	KGS	2610	476907	15081	2358503
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	SOMALIA	KGS	0	0	31923	2352709
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	MALAWI	KGS	0	0	19333	2314952
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	BELGIUM	KGS	585	69267	11537	2235783
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	CAMEROON	KGS	0	0	23210	2056747
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	THAILAND	KGS	0	0	11579	1979408
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	GREECE	KGS	0	0	7366	1640318
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	TIMOR-LESTE	KGS	5000	715620	10000	1623780
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	MYANMAR	KGS	512	73032	10676	1445665
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	ZIMBABWE	KGS	0	0	12217	1275223
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	MADAGASCAR	KGS	700	98466	15820	1230377
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	AFGHANISTAN	KGS	448	1863	4806	1087654
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	IRELAND	KGS	0	0	2963	993892
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	SWITZERLAND	KGS	932	75747	3835	919257
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	SEYCHELLES	KGS	0	0	6065	884230
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	RUSSIA	KGS	0	0	1885	867557
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	CAMBODIA	KGS	0	0	3770	808332
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	NAMIBIA	KGS	0	0	4677	748125
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	PERU	KGS	240	49633	3669	727701
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	MEXICO	KGS	26	6258	10073	595191
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	TAIWAN	KGS	0	0	3341	521173

48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	NORWAY	KGS	0	55	3389	512330
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	SLOVENIA	KGS	0	0	2378	456994
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	YEMEN REPUBLIC	KGS	200	31919	3450	442671
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	JAPAN	KGS	212	31505	2482	442175
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	IRAQ	KGS	295	43717	2395	402202
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	NIGER	KGS	0	0	2435	356510
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	HONG KONG	KGS	0	774	1101	342606
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	KUWAIT	KGS	515	80098	2274	309405
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	TURKEY	KGS	150	27491	925	252883
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	JAMAICA	KGS	1000	136557	1600	235002
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	PUERTO RICO	KGS	0	0	1401	212044
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	ISRAEL	KGS	0	0	1191	193422
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	LEBANON	KGS	0	0	546	189294
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	SIERRA LEONE	KGS	0	0	1260	166338
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	FIJI IS	KGS	30	3742	969	161984
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	GUATEMALA	KGS	0	0	1251	157241
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	CHILE	KGS	0	0	1007	151729
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	DOMINIC REP	KGS	0	0	760	120822
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	ESTONIA	KGS	0	0	1000	112186
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	HONDURAS	KGS	0	0	1000	105778
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	IRAN	KGS	0	70	700	93075

48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	CONGO P REP	KGS	0	0	612	87762
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	VENEZUELA	KGS	0	0	615	68688
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	PORTUGAL	KGS	300	64720	300	64720
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	REUNION	KGS	500	62246	500	62246
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	COLOMBIA	KGS	0	0	682	57406
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	BOTSWANA	KGS	0	0	301	56747
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	CHAD	KGS	0	0	500	55619
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	BRUNEI	KGS	0	0	781	51464
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	ST LUCIA	KGS	0	0	500	50221
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	AUSTRIA	KGS	30	3952	290	48367
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	SOUTH SUDAN	KGS	0	0	367	48006
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	LUXEMBOURG	KGS	0	0	7	47850
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	MOROCCO	KGS	0	0	300	42739
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	GUYANA	KGS	0	0	240	33888
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	PAKISTAN IR	KGS	0	0	200	33515
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	UZBEKISTAN	KGS	100	18440	200	31522
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	SYRIA	KGS	50	6587	200	30567
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	FINLAND	KGS	0	0	250	29425
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	PANAMA REPUBLIC	KGS	18	4112	122	18879
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	MAURITANIA	KGS	44	6020	139	16646
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	LIBYA	KGS	0	0	105	15174

48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	CZECH REPUBLIC	KGS	40	13583	46	14978
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	CYPRUS	KGS	0	0	75	13722
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	ARMENIA	KGS	0	0	70	12432
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	ROMANIA	KGS	10	2812	51	11355
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	ECUADOR	KGS	10	2048	70	10979
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	URUGUAY	KGS	0	0	61	10470
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	TOGO	KGS	0	0	100	10354
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	BELARUS	KGS	0	0	40	8685
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	MALI	KGS	0	0	44	5703
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	LATVIA	KGS	0	0	35	5221
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	UKRAINE	KGS	0	0	50	4982
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	TRINIDAD	KGS	0	0	30	3807
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	GEORGIA	KGS	0	0	10	2429
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	NETHERLANDA NTIL	KGS	0	0	10	1343
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	PALAU	KGS	0	0	7	1257
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	MACAO	KGS	0	0	10	1092
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	BELIZE	KGS	0	0	0	704
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	KYRGHYZSTAN	KGS	0	239	0	239
Total Exports during 2018-19							Rs.165.15 cr

**India's Exports of Boxes of Corrugated Paper and Paper Board (HS Code:48191090)
including re-export country-wise from Apr-2018 To Mar-2019**

Hs Code	Commodity	Country	Unit	March, 19 Qty	March, 19 Value(INR)	April, 18 To March, 19 Qty	April, 18 To March, 19 Value(INR)
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	U S A	KGS	53374	7624305	1291188	144808694
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	U K	KGS	77026	13939793	913212	132941315
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	OMAN	KGS	32577	8463114	307005	76667003
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	QATAR	KGS	55644	5724828	662868	73840897
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	U ARAB EMTS	KGS	14141	1715305	397254	62622816
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	NEPAL	KGS	33054	4770083	596046	60291825
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	ETHIOPIA	KGS	86760	3125244	1085891	47480798
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	KENYA	KGS	3000	1241744	271423	44444931
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	MOZAMBIQUE	KGS	8800	415800	319912	33312631
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	AUSTRALIA	KGS	52490	3558401	355150	26131886
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	NIGERIA	KGS	12130	2715729	192258	25729564
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	SINGAPORE	KGS	5751	1255603	91445	17319566
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	BHUTAN	KGS	5	750	136869	14194891
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	GHANA	KGS	1601	908681	114146	13360000
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	SRI LANKA DSR	KGS	18005	1341611	130178	12514909
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	CHILE	KGS	0	0	210980	11545646
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	FRANCE	KGS	3100	702360	33441	10980806
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	SUDAN	KGS	650	81412	73722	9749366

48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	BANGLADESH PR	KGS	4813	370946	66540	9455427
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	CHINA P RP	KGS	1680	549496	263162	9207398
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	GERMANY	KGS	10929	1565274	37998	8378203
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	MAURITIUS	KGS	100	18168	33891	7914905
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	CANADA	KGS	654	83371	41204	6140258
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	COTE D' IVOIRE	KGS	0	0	35575	5961582
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	UGANDA	KGS	3060	860777	26207	5943692
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	IRAN	KGS	0	0	6746	5926761
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	KOREA RP	KGS	10740	1827407	31512	5893679
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	KUWAIT	KGS	10141	1161874	29779	4867319
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	AFGHANISTAN	KGS	3000	339531	33760	4415848
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	NETHERLAND	KGS	235	66810	30501	4328536
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	ANGOLA	KGS	0	0	57409	4134271
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	GUATEMALA	KGS	8763	929755	30437	4058532
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	LIBERIA	KGS	13	703	46379	4029659
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	BURUNDI	KGS	0	0	25596	3980077
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	MYANMAR	KGS	20	3963	27340	3904978
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	CAMEROON	KGS	12250	1764549	27550	3663518
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	ISRAEL	KGS	0	0	39772	3641354
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	MOROCCO	KGS	0	0	10414	3475204
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	SPAIN	KGS	167	38073	18060	3247810

48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	PAPUA N GNA	KGS	0	0	16305	3138389
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	CONGO P REP	KGS	0	0	53756	3124057
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	ITALY	KGS	30	4283	11986	3073599
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	IRAQ	KGS	0	5	36534	2470714
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	BELGIUM	KGS	200	32130	8141	2428881
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	MALDIVES	KGS	20	3826	13719	2347240
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	NICARAGUA	KGS	1477	161971	21673	2327443
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	SAUDI ARAB	KGS	807	102738	15425	2107789
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	YEMEN REPUBLIC	KGS	0	0	14929	2075988
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	INDONESIA	KGS	0	0	13703	2003484
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	TANZANIA REP	KGS	7951	614053	17338	1915532
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	CONGO D. REP.	KGS	1000	109844	11177	1889371
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	HONDURAS	KGS	0	0	17494	1841737
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	GUINEA	KGS	3000	365548	14840	1722590
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	MALAWI	KGS	0	0	4943	1675987
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	ZIMBABWE	KGS	200	35853	6450	1477306
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	ZAMBIA	KGS	30	2923	13430	1272671
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	CAMBODIA	KGS	9000	1106794	9400	1203252
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	SOMALIA	KGS	0	0	22156	1098166
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	HONG KONG	KGS	70	9616	5235	1014106
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	THAILAND	KGS	0	0	4741	953187

48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	RUSSIA	KGS	0	0	143	811798
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	DENMARK	KGS	420	60642	4245	803311
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	BOLIVIA	KGS	1000	121390	7243	775777
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	MALAYSIA	KGS	1000	134830	5627	715809
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	CHAD	KGS	0	0	5608	692977
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	PUERTO RICO	KGS	400	56239	5240	591382
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	SOUTH AFRICA	KGS	100	19335	2958	533661
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	CROATIA	KGS	0	0	1510	533230
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	BULGARIA	KGS	0	0	181	489896
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	BOTSWANA	KGS	0	0	8673	442393
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	MADAGASCAR	KGS	0	0	3238	430512
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	NORWAY	KGS	0	0	3269	406095
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	UZBEKISTAN	KGS	0	0	730	403275
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	NEW ZEALAND	KGS	0	0	3018	379915
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	MEXICO	KGS	0	0	25800	379899
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	JAPAN	KGS	205	48880	2732	342808
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	JAMAICA	KGS	0	0	700	296452
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	RWANDA	KGS	0	0	2100	283441
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	MALI	KGS	373	18327	1888	271145
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	LAO PD RP	KGS	0	0	1500	262148
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	HUNGARY	KGS	200	20790	2120	250791

48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	TAIWAN	KGS	0	0	814	247165
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	ALGERIA	KGS	2525	244955	2541	246832
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	PHILIPPINES	KGS	0	494	901	243613
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	AUSTRIA	KGS	50	7522	938	239210
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	EGYPT A RP	KGS	0	0	809	186250
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	SWITZERLAND	KGS	32	4714	768	180506
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	SIERRA LEONE	KGS	1200	133888	1761	179686
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	SLOVENIA	KGS	0	0	2000	179261
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	BAHARAIN IS	KGS	620	75068	1003	178014
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	MONGOLIA	KGS	0	0	1200	141561
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	DJIBOUTI	KGS	0	0	540	126574
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	POLAND	KGS	0	0	690	98107
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	CUBA	KGS	640	67488	890	93624
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	LUXEMBOURG	KGS	0	0	250	88097
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	CZECH REPUBLIC	KGS	0	0	161	86322
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	SWEDEN	KGS	0	0	158	82670
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	BRAZIL	KGS	300	44543	535	73660
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	BELIZE	KGS	0	0	600	65184
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	FINLAND	KGS	0	0	302	53540
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	VANUATU REP	KGS	0	0	260	52523
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	LITHUANIA	KGS	0	0	55	35883

48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	VIETNAM SOC REP	KGS	0	0	200	28475
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	TRINIDAD	KGS	20	3347	190	24062
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	C AFRI REP	KGS	0	0	180	23154
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	SEYCHELLES	KGS	0	0	140	21314
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	GUYANA	KGS	0	0	170	19685
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	BENIN	KGS	7	849	116	18799
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	DOMINICA	KGS	0	0	100	17028
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	UKRAINE	KGS	0	0	130	16443
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	PAKISTAN IR	KGS	0	0	130	16345
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	NAMIBIA	KGS	0	0	11	13588
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	ECUADOR	KGS	0	0	100	12970
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	GREECE	KGS	1	69	71	11423
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	DOMINIC REP	KGS	0	0	70	10935
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	HAITI	KGS	0	0	77	10795
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	COSTA RICA	KGS	0	0	70	9114
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	COLOMBIA	KGS	20	2152	80	8773
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	TIMOR-LESTE	KGS	0	0	47	6398
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	FIJI IS	KGS	0	0	50	6086
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	PORTUGAL	KGS	0	0	40	5798
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	TUNISIA	KGS	0	0	40	5787
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	ESTONIA	KGS	0	0	43	4981

48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	REUNION	KGS	0	0	18	2104
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	TAJIKISTAN	KGS	0	0	15	1892
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	TURKEY	KGS	0	0	12	1587
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	ARGENTINA	KGS	0	0	12	1548
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	JORDAN	KGS	0	0	6	1339
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	SOLOMON IS	KGS	0	0	9	1158
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	NIGER	KGS	0	0	10	1135
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	CYPRUS	KGS	0	0	7	1078
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	MACAO	KGS	0	0	5	641
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	ARMENIA	KGS	0	0	4	599
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	URUGUAY	KGS	0	0	2	239
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	LEBANON	KGS	0	0	0	34
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	COMOROS	KGS	0	0	0	30
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	PERU	KGS	0	0	0	20
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	BURKINA FASO	KGS	0	0	0	16
Total Exports during 2018-19							Rs.98.49 cr.

**India's Exports of Boxes of Corrugated Paper and Paper Board (HS Code:48191010)
including re-export country-wise from April-2019 to March-2020**

Hs Code	Commodity	Country	Unit	March, 20 Qty	March, 20 Value(INR)	April, 19 To March, 20 Qty	April, 19 To March, 20 Value(INR)
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	NEPAL	KGS	68937	10461587	1429574	155591288
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	U ARAB EMTS	KGS	32714	5886908	1729172	141352305
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	U S A	KGS	48219	11307250	832003	136513642
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	BRAZIL	KGS	43	10970	858050	127334031
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	U K	KGS	30276	5090278	731561	116510146
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	ETHIOPIA	KGS	49293	3333216	1722201	101413608
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	JORDAN	KGS	59001	3756402	1014509	98471738
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	RWANDA	KGS	107800	5442809	1160142	80003410
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	ANGOLA	KGS	10135	1548598	943828	76551799
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	EGYPT A RP	KGS	600	126571	916188	68222014
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	BHUTAN	KGS	40849	4729509	510472	59165046
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	SUDAN	KGS	28508	5221409	1149314	56560475
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	MOZAMBIQUE	KGS	40404	5067464	434771	52727862
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	BANGLADESH PR	KGS	4859	1239406	210688	43700549
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	PHILIPPINES	KGS	10	2122	469307	43127205
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	AUSTRALIA	KGS	11946	1913118	260489	41733810
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	QATAR	KGS	75612	2941280	466546	40025981
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	GABON	KGS	61245	4446179	490130	38046083

48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	THAILAND	KGS	15898	3388095	252620	37746937
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	NETHERLAND	KGS	793	178229	170427	28525495
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	SENEGAL	KGS	4863	384730	335585	24821719
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	VIETNAM SOC REP	KGS	345	103681	197594	23103483
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	CANADA	KGS	31654	1577961	164789	22492441
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	GERMANY	KGS	5598	794732	88314	17492302
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	NIGERIA	KGS	26	4064	228686	16565647
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	TANZANIA REP	KGS	21578	1164684	190644	16021588
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	MADAGASCAR	KGS	495	154516	112285	15695378
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	SRI LANKA DSR	KGS	3441	1475263	164173	15001989
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	IRAN	KGS	50	5665	24250	13289305
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	GAMBIA	KGS	20841	2961438	94700	12852496
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	LIBERIA	KGS	2053	473626	87063	10240766
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	SINGAPORE	KGS	623	142841	58410	9108077
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	INDONESIA	KGS	12814	93509	148559	8527902
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	DJIBOUTI	KGS	10920	431204	81351	7867076
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	NEW ZEALAND	KGS	110	56760	44959	7540016
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	GUINEA	KGS	38360	2003663	90249	7476545
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	MALI	KGS	43	10578	127603	7150856
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	COTE D' IVOIRE	KGS	2150	448772	41080	6605944
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	GHANA	KGS	0	0	122446	6412655

48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	SOUTH AFRICA	KGS	1411	139305	40887	6256717
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	FRANCE	KGS	1699	724870	24856	6141521
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	SPAIN	KGS	428	210555	38731	6034633
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	ZAMBIA	KGS	206	51098	230311	5559485
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	DENMARK	KGS	78	83708	19069	5390624
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	ITALY	KGS	236	118601	13854	5315655
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	OMAN	KGS	2913	242925	54125	5161899
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	CAMEROON	KGS	3812	410507	48604	5086648
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	CHINA P RP	KGS	106	10884	22714	4720365
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	MAURITIUS	KGS	0	0	29161	4381922
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	BURKINA FASO	KGS	3804	833661	39828	4259652
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	UGANDA	KGS	5747	639530	135342	3994735
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	KENYA	KGS	1449	319784	100471	3762169
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	SOMALIA	KGS	647	63274	39903	3639312
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	ALGERIA	KGS	480	216448	121380	3498085
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	MALDIVES	KGS	8014	634033	30534	3371950
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	LAO PD RP	KGS	0	0	21000	3293800
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	CONGO D. REP.	KGS	0	0	34266	3208588
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	POLAND	KGS	30	6435	8830	2842460
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	IRAQ	KGS	14	3476	23428	2401884
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	MALAYSIA	KGS	5781	265972	38462	2290976

48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	SWEDEN	KGS	0	0	5279	2142311
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	AFGHANISTAN	KGS	0	0	14935	2126474
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	PAKISTAN IR	KGS	0	0	10001	2028577
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	YEMEN REPUBLC	KGS	0	202	24982	1992934
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	MEXICO	KGS	26	4359	6316	1989813
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	SAUDI ARAB	KGS	120	17329	17460	1903731
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	BELGIUM	KGS	386	65505	9931	1827657
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	SIERRA LEONE	KGS	0	0	11400	1596351
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	JAPAN	KGS	74	29652	6168	1428361
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	MALAWI	KGS	0	0	243590	1424194
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	GREECE	KGS	1209	444585	6087	1373218
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	VENEZUELA	KGS	0	0	6380	1328302
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	HONG KONG	KGS	1676	731184	2156	1230406
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	IRELAND	KGS	30	6825	4622	1143198
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	COMOROS	KGS	0	0	20000	1055827
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	BENIN	KGS	0	0	8529	1038645
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	NORWAY	KGS	0	0	3113	983707
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	REUNION	KGS	0	0	8881	964470
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	TIMOR-LESTE	KGS	0	0	6100	933187
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	ZIMBABWE	KGS	0	0	31401	912604
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	BAHARAIN IS	KGS	4335	258854	8545	905028

48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	RUSSIA	KGS	0	0	2135	866522
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	SWITZERLAND	KGS	872	54617	3902	858288
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	MYANMAR	KGS	401	152174	5018	728936
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	BURUNDI	KGS	0	0	2297	699594
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	TAIWAN	KGS	33	7180	7839	671009
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	PERU	KGS	35	7571	3224	654672
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	SEYCHELLES	KGS	0	0	9485	587047
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	CAMBODIA	KGS	0	0	956	538074
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	KUWAIT	KGS	64	28548	3347	531742
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	ECUADOR	KGS	0	0	13231	422459
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	SURINAME	KGS	0	0	3700	402623
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	GUATEMALA	KGS	4	1349	2655	355585
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	HAITI	KGS	0	0	10523	328656
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	PORTUGAL	KGS	7	2889	1434	310996
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	SOLOMON IS	KGS	0	0	2466	305301
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	CHILE	KGS	0	0	1164	286486
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	KOREA RP	KGS	24	6003	1522	253094
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	TURKEY	KGS	290	34178	897	223330
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	SYRIA	KGS	0	0	1685	214437
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	UZBEKISTAN	KGS	0	0	1218	202886
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	NAMIBIA	KGS	681	184470	681	184470

48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	TRINIDAD	KGS	0	0	1367	176183
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	GUINEA BISSAU	KGS	0	0	985	160194
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	SLOVENIA	KGS	32	18500	1094	159194
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	TAJIKISTAN	KGS	0	0	835	132205
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	ISRAEL	KGS	0	0	414	125969
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	BRUNEI	KGS	283	78608	718	124367
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	CZECH REPUBLIC	KGS	0	0	711	121977
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	ROMANIA	KGS	10	2168	1211	114139
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	CONGO P REP	KGS	0	0	764	110671
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	LEBANON	KGS	166	20994	661	106638
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	MOROCCO	KGS	0	0	215	89833
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	BELIZE	KGS	0	0	600	89135
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	GUYANA	KGS	0	0	390	85107
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	PAPUA N GNA	KGS	30	7342	480	60413
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	LIBYA	KGS	65	41415	152	53523
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	TOGO	KGS	0	0	351	53303
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	BOTSWANA	KGS	0	0	370	51644
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	FIJI IS	KGS	20	3415	220	40965
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	ANTIGUA	KGS	0	0	24	38665
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	CHAD	KGS	90	3228	335	38049
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	FINLAND	KGS	0	0	91	34442

48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	PUERTO RICO	KGS	0	0	300	34175
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	MAURITANIA	KGS	0	0	205	31593
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	SLOVAK REP	KGS	0	0	100	26775
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	NETHERLANDANTIL	KGS	0	0	180	26657
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	PANAMA REPUBLIC	KGS	0	0	153	23616
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	MAYOTTE	KGS	0	0	100	20427
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	AUSTRIA	KGS	0	0	6	19290
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	BOSNIA-HRZGOVIN	KGS	0	0	100	19245
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	COLOMBIA	KGS	0	0	94	16949
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	URUGUAY	KGS	0	0	112	15980
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	PARAGUAY	KGS	0	0	60	12303
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	HUNGARY	KGS	0	0	60	10196
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	ST LUCIA	KGS	0	0	100	9035
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	CYPRUS	KGS	0	0	35	5645
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	KAZAKHSTAN	KGS	0	0	2	5274
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	BULGARIA	KGS	9	2159	28	4975
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	SERBIA	KGS	0	0	40	4077
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	LUXEMBOURG	KGS	0	0	25	3187
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	UKRAINE	KGS	0	0	29	2751
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	COSTA RICA	KGS	0	0	20	2045
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	BOLIVIA	KGS	0	0	15	2044

48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	NICARAGUA	KGS	0	8	0	8
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	DOMINIC REP	KGS	0	7	0	7
Exports during 2019-20							Rs.19.24 cr.

**India's Exports of Boxes of Corrugated Paper and Paper Board (HS Code:48191090)
including re-export country-wise from April-2019 To March-2020**

Hs Code	Commodity	Country	Unit	March, 20 Qty	March, 20 Value(INR)	April, 19 To March, 20 Qty	April, 19 To March, 20 Value(INR)
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	U K	KGS	53749	7545146	851606	149531128
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	U S A	KGS	14091	3903976	843354	135153028
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	OMAN	KGS	20722	8162159	366772	82691344
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	QATAR	KGS	26505	5077160	779756	72245090
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	U ARAB EMTS	KGS	9465	2406247	739954	66962163
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	NEPAL	KGS	19914	4177491	657513	63477771
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	AUSTRALIA	KGS	20303	3796084	687738	35484195
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	ETHIOPIA	KGS	39320	1844845	608853	33825463
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	NIGERIA	KGS	29945	6916415	225179	30137032
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	KENYA	KGS	15672	4676987	563544	27492143
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	BANGLADESH PR	KGS	6477	2183186	67966	10813081
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	TANZANIA REP	KGS	0	0	128375	10476111
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	DOMINIC REP	KGS	0	0	42558	10248756
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	SRI LANKA DSR	KGS	936	198994	89705	10246455
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	SAUDI ARAB	KGS	0	0	47038	9267607
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	AFGHANISTAN	KGS	0	0	77475	7805684
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	KUWAIT	KGS	92	22712	32057	7457927

48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	COTE D' IVOIRE	KGS	19	4257	35759	6868981
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	ANGOLA	KGS	0	0	44132	6686088
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	MOZAMBIQUE	KGS	0	0	70152	6277725
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	SINGAPORE	KGS	200	84197	31912	6167925
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	SUDAN	KGS	6282	1087307	54218	6033391
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	IRAN	KGS	0	0	9110	5760082
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	GHANA	KGS	0	0	53810	5688823
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	UGANDA	KGS	733	307308	22724	4849264
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	GERMANY	KGS	467	116210	24130	4450958
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	CANADA	KGS	1295	268941	40844	4450437
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	CHILE	KGS	0	0	74059	4347490
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	MALAWI	KGS	0	0	32347	4212986
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	SOUTH AFRICA	KGS	1093	451863	17673	4177964
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	ZAMBIA	KGS	0	0	43960	4119630
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	SOMALIA	KGS	0	0	23665	3853494
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	ITALY	KGS	301	117017	33038	3485074
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	CAMEROON	KGS	0	0	29671	3234685
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	INDONESIA	KGS	998	341586	14819	2989536
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	MALAYSIA	KGS	41	19825	16088	2909810
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	NETHERLAND	KGS	4	1291	14901	2242382
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	GUATEMALA	KGS	0	0	15320	1971678

48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	SPAIN	KGS	0	0	10888	1955258
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	MOROCCO	KGS	0	0	8420	1952000
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	FRANCE	KGS	33	14524	11421	1934902
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	PAPUA N GNA	KGS	0	0	15500	1831012
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	CONGO P REP	KGS	0	0	10540	1808532
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	BOLIVIA	KGS	0	0	13000	1686735
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	BELGIUM	KGS	42	9719	8947	1622517
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	THAILAND	KGS	1534	529438	6815	1601914
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	ALGERIA	KGS	1756	791969	123564	1511065
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	DJIBOUTI	KGS	15320	663042	26010	1449698
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	KOREA RP	KGS	0	0	5083	1259245
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	BHUTAN	KGS	24	5520	15665	1252174
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	HAITI	KGS	0	0	8518	1143130
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	MALDIVES	KGS	0	0	4220	1062882
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	MAURITIUS	KGS	61	37617	4626	1056104
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	RUSSIA	KGS	0	0	6952	1041567
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	GUINEA	KGS	0	0	6520	1037557
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	VIETNAM SOC REP	KGS	0	0	2402	949941
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	CHINA P RP	KGS	5	316	1984	715791
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	UZBEKISTAN	KGS	0	0	5250	710641
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	LIBERIA	KGS	0	0	4558	656349

48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	MYANMAR	KGS	259	83796	2581	636449
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	DENMARK	KGS	0	0	2569	587906
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	HONG KONG	KGS	111	8359	2886	586328
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	NEW ZEALAND	KGS	1217	302896	2763	567631
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	HUNGARY	KGS	0	0	4209	525935
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	PHILIPPINES	KGS	26	14247	2767	519827
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	BENIN	KGS	0	0	3250	467343
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	EGYPT A RP	KGS	0	0	1868	450909
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	ZIMBABWE	KGS	0	0	29200	436165
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	C AFRI REP	KGS	0	0	2500	355248
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	TURKEY	KGS	0	0	790	343092
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	TAJIKISTAN	KGS	0	0	2750	323169
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	GAMBIA	KGS	0	0	2000	311521
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	SWITZERLAND	KGS	0	0	757	273401
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	LAO PD RP	KGS	995	258786	995	258786
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	BOTSWANA	KGS	0	0	1695	255531
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	TRINIDAD	KGS	0	0	2718	249014
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	RWANDA	KGS	0	0	650	216872
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	ISRAEL	KGS	0	0	1389	211167
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	PUERTO RICO	KGS	5	1061	1755	204186
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	MONGOLIA	KGS	0	0	2140	203902

48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	JAPAN	KGS	21	5703	1136	178676
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	BURUNDI	KGS	0	0	1120	174445
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	LIBYA	KGS	0	0	1400	148916
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	SWEDEN	KGS	0	0	350	132234
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	CONGO D. REP.	KGS	0	0	755	131883
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	SENEGAL	KGS	62	17835	732	116430
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	BURKINA FASO	KGS	0	0	1200	110424
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	SEYCHELLES	KGS	0	0	415	106894
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	BAHARAIN IS	KGS	0	0	730	91328
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	AUSTRIA	KGS	30	10906	960	85413
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	IRAQ	KGS	0	0	19	81341
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	MALI	KGS	0	0	500	70389
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	ESTONIA	KGS	0	0	440	68695
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	CZECH REPUBLIC	KGS	108	26894	968	66665
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	MEXICO	KGS	11	1205	515	62827
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	BULGARIA	KGS	94	57600	94	57600
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	LESOTHO	KGS	0	0	280	57153
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	TAIWAN	KGS	0	0	523	55469
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	CAMBODIA	KGS	0	0	400	40780
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	CHAD	KGS	0	0	300	38610
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	VENEZUELA	KGS	167	38313	167	38313

48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	BRAZIL	KGS	0	0	212	36202
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	LEBANON	KGS	0	0	200	34300
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	SIERRA LEONE	KGS	0	0	230	31165
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	NORWAY	KGS	0	0	170	25367
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	POLAND	KGS	0	0	143	23050
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	JAMAICA	KGS	0	0	127	22611
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	IRELAND	KGS	13	2754	167	22562
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	PORTUGAL	KGS	0	0	90	16979
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	VANUATU REP	KGS	0	0	130	15026
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	COLOMBIA	KGS	0	0	125	14939
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	MALTA	KGS	0	0	100	13610
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	LATVIA	KGS	0	0	58	13208
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	KAZAKHSTAN	KGS	0	0	42	10606
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	PERU	KGS	15	2444	60	10455
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	NIGER	KGS	0	0	44	7772
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	CROATIA	KGS	0	0	70	7387
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	LITHUANIA	KGS	0	0	35	7030
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	BARBADOS	KGS	0	0	60	6054
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	REUNION	KGS	0	0	40	5816
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	LUXEMBOURG	KGS	0	0	28	4212
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	UKRAINE	KGS	0	0	40	4015

48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	BRUNEI	KGS	0	0	25	3417
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	SURINAME	KGS	0	0	20	3023
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	SERBIA	KGS	0	0	10	2323
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	PAKISTAN IR	KGS	0	0	20	2236
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	NICARAGUA	KGS	0	0	10	1930
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	MADAGASCAR	KGS	0	0	3	1732
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	GREECE	KGS	0	0	17	1192
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	SOLOMON IS	KGS	0	0	6	747
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	HONDURAS	KGS	0	0	99	633
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	MAYOTTE	KGS	1	326	1	326
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	NETHERLANDA NTIL	KGS	0	0	0	235
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	ARMENIA	KGS	0	0	0	176
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	GEORGIA	KGS	0	0	0	169
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	GUYANA	KGS	0	0	0	68
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	YEMEN REPUBLIC	KGS	0	0	0	67
Total Exports during 2019-20							Rs.89.66 cr.

**India's Exports of Boxes of Corrugated Paper and Paper Board (HS Code:48191010)
including re-export country-wise from April-2020 To February-2021**

Hs Code	Commodity	Country	Unit	February, 21 Qty	February, 21 Value(INR)	April, 20 To February, 21 Qty	April, 20 To February, 21 Value(INR)
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	U S A	KGS	0	0	587616	119628773
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	NEPAL	KGS	0	0	832432	103542716
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	U K	KGS	0	0	583300	101146173
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	U ARAB EMTS	KGS	0	0	655566	94403113
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	NETHERLAND	KGS	0	0	385148	79804711
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	PHILIPPINES	KGS	0	0	1190418	64821333
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	BRAZIL	KGS	0	0	402834	59245492
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	ETHIOPIA	KGS	0	0	766883	53278174
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	MOZAMBIQUE	KGS	0	0	302477	52220239
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	BHUTAN	KGS	0	0	372865	46413905
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	GABON	KGS	0	0	531513	45451487
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	AUSTRALIA	KGS	0	0	226667	38367113
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	JORDAN	KGS	0	0	576416	37369369
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	SUDAN	KGS	0	0	213000	36082838
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	RWANDA	KGS	0	0	647377	36077102
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	ANGOLA	KGS	0	0	287958	33591803
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	BANGLADESH PR	KGS	0	0	127191	30577426
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	THAILAND	KGS	0	0	161831	28207978

48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	QATAR	KGS	0	0	213993	26696609
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	DJIBOUTI	KGS	0	0	397883	26126259
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	CANADA	KGS	0	0	168312	21843811
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	CONGO P REP	KGS	0	0	265801	19845685
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	SENEGAL	KGS	0	0	146156	16708771
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	TANZANIA REP	KGS	0	0	127392	13119882
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	LIBERIA	KGS	0	0	142482	13111209
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	MADAGASC AR	KGS	0	0	168393	10600055
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	SPAIN	KGS	0	0	41541	10149475
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	INDONESIA	KGS	0	0	102707	9164875
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	NEW ZEALAND	KGS	0	0	38936	8795973
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	GERMANY	KGS	0	0	30630	8044781
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	SRI LANKA DSR	KGS	0	0	54331	7586359
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	SINGAPORE	KGS	0	0	41484	7485221
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	GUINEA	KGS	0	0	63176	6894452
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	IRAN	KGS	0	0	20925	6545189
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	OMAN	KGS	0	0	65749	6349615
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	KUWAIT	KGS	0	0	48531	6219220
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	DENMARK	KGS	0	0	17809	6147936
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	NIGERIA	KGS	0	0	38859	5933629
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	BURKINA FASO	KGS	0	0	45608	5724729

48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	MALI	KGS	0	0	82522	5558887
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	GAMBIA	KGS	0	0	49846	5290118
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	KENYA	KGS	0	0	37051	5262961
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	SAUDI ARAB	KGS	0	0	42364	5209745
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	JAPAN	KGS	0	0	26154	4566076
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	ZAMBIA	KGS	0	0	27799	4486977
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	GHANA	KGS	0	0	52183	4207400
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	HAITI	KGS	0	0	21492	3945529
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	DOMINIC REP	KGS	0	0	15028	3285127
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	FRANCE	KGS	0	0	15354	3222207
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	CHINA P RP	KGS	0	0	19117	3096541
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	MAURITIUS	KGS	0	0	11264	3072726
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	SOUTH AFRICA	KGS	0	0	19278	3033197
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	ITALY	KGS	0	0	18689	3024797
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	AFGHANISTAN	KGS	0	0	25941	3000194
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	YEMEN REPUBLIC	KGS	0	0	16642	2674958
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	COTE D'IVOIRE	KGS	0	0	21061	2595684
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	BELGIUM	KGS	0	0	13199	2556284
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	COMOROS	KGS	0	0	15262	2222381
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	VIETNAM SOC REP	KGS	0	0	9358	2132259
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	SIERRA LEONE	KGS	0	0	16668	2020342

48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	SWEDEN	KGS	0	0	6959	1840901
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	SOMALIA	KGS	0	0	30835	1833121
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	TIMOR-LESTE	KGS	0	0	11454	1738950
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	CAMBODIA	KGS	0	0	21329	1725784
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	MALDIVES	KGS	0	0	12019	1552588
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	CAMEROON	KGS	0	0	7421	1403401
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	VENEZUELA	KGS	0	0	8194	1339599
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	CONGO D. REP.	KGS	0	0	9760	1299502
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	MALAYSIA	KGS	0	0	8818	1218356
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	SEYCHELLES	KGS	0	0	5837	974613
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	MEXICO	KGS	0	0	4994	896890
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	ESTONIA	KGS	0	0	4438	895855
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	POLAND	KGS	0	0	2537	893061
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	RUSSIA	KGS	0	0	5520	763202
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	BAHARAIN IS	KGS	0	0	3415	761642
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	KOREA RP	KGS	0	0	1616	756153
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	NORWAY	KGS	0	0	2840	728829
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	CZECH REPUBLIC	KGS	0	0	5432	706903
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	MOLDOVA	KGS	0	0	2000	550800
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	SWITZERLAND	KGS	0	0	1730	543855
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	UGANDA	KGS	0	0	2733	531967

48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	BURUNDI	KGS	0	0	2700	499814
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	ALGERIA	KGS	0	0	3130	485526
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	MYANMAR	KGS	0	0	2167	467666
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	TURKEY	KGS	0	0	2273	419890
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	AUSTRIA	KGS	0	0	2050	395134
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	PAKISTAN IR	KGS	0	0	1000	362817
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	ZIMBABWE	KGS	0	0	1684	330525
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	CHAD	KGS	0	0	18000	289638
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	MALAWI	KGS	0	0	2205	282694
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	TOGO	KGS	0	0	450	259926
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	IRAQ	KGS	0	0	1117	253692
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	FINLAND	KGS	0	0	2396	241827
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	SOUTH SUDAN	KGS	0	0	1350	230686
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	GREECE	KGS	0	0	1098	224631
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	TAIWAN	KGS	0	0	724	200375
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	GEORGIA	KGS	0	0	1663	197411
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	EGYPT A RP	KGS	0	0	2189	179558
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	HONG KONG	KGS	0	0	659	162823
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	BOTSWANA	KGS	0	0	120	143288
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	TAJIKISTAN	KGS	0	0	1000	141030
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	MAURITANI A	KGS	0	0	690	127870

48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	REUNION	KGS	0	0	1530	127268
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	LEBANON	KGS	0	0	804	125444
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	ISRAEL	KGS	0	0	744	120206
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	SLOVENIA	KGS	0	0	451	116374
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	ARGENTINA	KGS	0	0	132	105557
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	SERBIA	KGS	0	0	220	90717
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	COSTA RICA	KGS	0	0	400	82923
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	JAMAICA	KGS	0	0	573	79948
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	HUNGARY	KGS	0	0	458	69494
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	IRELAND	KGS	0	0	372	65612
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	HONDURAS	KGS	0	0	500	52153
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	LUXEMBOURG	KGS	0	0	300	48342
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	BELARUS	KGS	0	0	200	39624
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	ANTIGUA	KGS	0	0	25	32580
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	TRINIDAD	KGS	0	0	200	30119
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	NETHERLANDS	KGS	0	0	100	22993
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	CHILE	KGS	0	0	157	20546
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	COLOMBIA	KGS	0	0	130	20051
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	GUINEA BISSAU	KGS	0	0	305	15204
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	UKRAINE	KGS	0	0	115	14079
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	SYRIA	KGS	0	0	100	11809

48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	PAPUA N GNA	KGS	0	0	70	10216
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	SLOVAK REP	KGS	0	0	100	10135
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	PERU	KGS	0	0	80	8750
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	TUNISIA	KGS	0	0	4	6950
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	MOROCCO	KGS	0	0	60	6559
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	FIJI IS	KGS	0	0	13	2859
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	UZBEKISTAN	KGS	0	0	13	2179
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	BOSNIA-HRZGOVIN	KGS	0	0	10	1772
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	NAMIBIA	KGS	0	0	14	1525
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	CYPRUS	KGS	0	0	23	1479
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	BENIN	KGS	0	0	0	881
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	PORTUGAL	KGS	0	0	0	812
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	MALTA	KGS	0	0	0	608
48191010	BOXES OF CORRUGATED PAPER AND PAPER BOARD	NICARAGUA	KGS	0	0	96	72
Total Exports during 2020-21 (upto February only)							Rs.140.80 cr.

**India's Exports of Boxes of Corrugated Paper and Paper Board (HS Code:48191090)
including re-export country-wise from April-2020 To February-2021**

Hs Code	Commodity	Country	Unit	February, 21 Qty	February, 21 Value(INR)	April, 20 To February, 21 Qty	April, 20 To February, 21 Value(INR)
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	U ARAB EMTS	KGS	0	0	657688	106755901
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	U K	KGS	0	0	437816	85596804
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	U S A	KGS	0	0	437570	74391566
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	QATAR	KGS	0	0	363298	64116766
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	NEPAL	KGS	0	0	656555	53501811
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	OMAN	KGS	0	0	181735	50876351
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	AUSTRALIA	KGS	0	0	354563	30463860
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	KENYA	KGS	0	0	164048	29065203
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	MOZAMBI QUE	KGS	0	0	237756	25310680
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	NIGERIA	KGS	0	0	137309	23540469
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	BANGLADE SH PR	KGS	0	0	61708	16334083
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	CONGO P REP	KGS	0	0	244422	14027313
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	ETHIOPIA	KGS	0	0	233846	10374466
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	CANADA	KGS	0	0	68818	9959838
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	SRI LANKA DSR	KGS	0	0	48909	8727898
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	IRAN	KGS	0	0	11200	6931932
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	TANZANIA REP	KGS	0	0	70496	6812612
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	SINGAPOR E	KGS	0	0	25199	4694063

48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	EGYPT A RP	KGS	0	0	17035	4584443
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	SUDAN	KGS	0	0	12346	3345183
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	ZAMBIA	KGS	0	0	12688	3119605
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	GERMANY	KGS	0	0	15593	3111133
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	NIGER	KGS	0	0	13454	3105690
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	GHANA	KGS	0	0	15577	3069576
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	KUWAIT	KGS	0	0	13748	2989998
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	SOUTH AFRICA	KGS	0	0	15405	2790768
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	THAILAND	KGS	0	0	11881	2651919
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	PAPUA N GNA	KGS	0	0	14276	2596893
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	BENIN	KGS	0	0	9826	2403267
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	UGANDA	KGS	0	0	12765	2378861
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	AFGHANISTAN	KGS	0	0	7313	2341299
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	COTE D'IVOIRE	KGS	0	0	14865	2050868
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	PANAMA REPUBLIC	KGS	0	0	6957	1962208
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	SAUDI ARAB	KGS	0	0	10944	1866256
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	ANGOLA	KGS	0	0	12774	1862821
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	NETHERLAND	KGS	0	0	8423	1844876
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	GUINEA	KGS	0	0	13364	1755111
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	MALTA	KGS	0	0	5000	1684122
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	SPAIN	KGS	0	0	9999	1617027

48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	FRANCE	KGS	0	0	6081	1590861
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	CHILE	KGS	0	0	26511	1560323
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	LIBERIA	KGS	0	0	9453	1456868
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	GREECE	KGS	0	0	9175	1279902
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	ITALY	KGS	0	0	5544	1236380
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	NEW ZEALAND	KGS	0	0	5888	1167014
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	MALAYSIA	KGS	0	0	8238	1109152
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	MYANMAR	KGS	0	0	4370	1105912
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	KYRGHYZSTAN	KGS	0	0	3000	964781
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	C AFRI REP	KGS	0	0	2634	913944
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	CHINA P RP	KGS	0	0	3907	909843
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	GABON	KGS	0	0	2100	878727
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	DENMARK	KGS	0	0	4269	796052
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	KOREA RP	KGS	0	0	3102	794348
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	CONGO D. REP.	KGS	0	0	3870	742150
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	BAHARAIN IS	KGS	0	0	2826	723250
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	SEYCHELLE S	KGS	0	0	5210	644227
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	MEXICO	KGS	0	0	2405	640191
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	SOMALIA	KGS	0	0	2072	536961
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	SENEGAL	KGS	0	0	2365	438314
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	HUNGARY	KGS	0	0	2734	396226

48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	CAMEROON	KGS	0	0	1548	367569
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	TAJIKISTAN	KGS	0	0	2620	354507
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	DJIBOUTI	KGS	0	0	5960	341760
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	BELGIUM	KGS	0	0	427	335836
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	MALDIVES	KGS	0	0	1176	291590
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	MAURITIUS	KGS	0	0	1186	255671
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	ALGERIA	KGS	0	0	1200	216370
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	BRAZIL	KGS	0	0	809	179709
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	JAPAN	KGS	0	0	752	174483
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	GUINEA BISSAU	KGS	0	0	1209	161598
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	JORDAN	KGS	0	0	800	155221
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	ESTONIA	KGS	0	0	1055	135177
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	GUYANA	KGS	0	0	600	122970
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	PHILIPPINES	KGS	0	0	480	106606
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	TAIWAN	KGS	0	0	156	88158
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	PUERTO RICO	KGS	0	0	250	86880
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	AUSTRIA	KGS	0	0	193	68316
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	REUNION	KGS	0	0	396	60500
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	ISRAEL	KGS	0	0	301	56877
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	BOTSWANA	KGS	0	0	398	46774
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	INDONESIA	KGS	0	0	298	45822

48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	SWITZERLAND	KGS	0	0	126	45521
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	TURKEY	KGS	0	0	121	44426
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	IRAQ	KGS	0	0	212	44268
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	COSTA RICA	KGS	0	0	205	38051
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	VIETNAM SOC REP	KGS	0	0	146	35901
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	BHUTAN	KGS	0	0	220	34109
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	CAYMAN IS	KGS	0	0	200	33181
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	FINLAND	KGS	0	0	250	30381
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	POLAND	KGS	0	0	110	27859
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	HONG KONG	KGS	0	0	110	25759
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	RUSSIA	KGS	0	0	94	23513
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	MALAWI	KGS	0	0	100	18100
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	COLOMBIA	KGS	0	0	81	16189
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	LUXEMBOURG	KGS	0	0	67	13437
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	ECUADOR	KGS	0	0	40	12554
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	RWANDA	KGS	0	0	200	10360
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	CZECH REPUBLIC	KGS	0	0	25	10232
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	SOUTH SUDAN	KGS	0	0	50	10095
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	SIERRA LEONE	KGS	0	0	30	8688
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	ZIMBABWE	KGS	0	0	30	5984
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	SYRIA	KGS	0	0	25	3601

48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	SWEDEN	KGS	0	0	24	3422
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	TOGO	KGS	0	0	15	2882
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	PERU	KGS	0	0	158	2648
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	NORWAY	KGS	0	0	6	1800
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	MALI	KGS	0	0	0	1583
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	FIJI IS	KGS	0	0	10	1491
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	UZBEKISTA N	KGS	0	0	69	1396
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	KAZAKHST AN	KGS	0	0	0	690
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	ST KITT N A	KGS	0	0	2	577
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	GUATEMAL A	KGS	0	0	0	360
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	CAMBODIA	KGS	0	0	0	249
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	IRELAND	KGS	0	0	0	247
48191090	CARTNSANDCASES OF CORRUGATED PAPRANDPAPRBRD	MADAGAS CAR	KGS	0	0	4	223
Exports during 2020-21 (upto February only)							Rs.69.86 cr.

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Product Brochure

Automation Automatic

Grade

Usage/Applica Box Making Machine
tionPackaging As Per The Customer
Type requirementSize As Per The Customer
requirement

Voltage 440

Power 3 Phase

**Nexxgen Global Machine Tools**

Adambakkam, Chennai, Tamil Nadu

4.1 /5 ★★★★★ (19)

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Box Corrugation Machine

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Product Details

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Product Specification

Automation Grade	Automatic
Usage/Application	Box Making Machine
Packaging Type	As Per The Customer requirment
Size	As Per The Customer requirment
Voltage	440
Power	3 Phase
Capacity	20 tons per day

Product Description

Main Technology Parameters Model: Design speed 120m/min
Economy speed 100m/min
Effective width
Steam pressure and consumption :Pressure 1.3MP
Consumption about 1850kg/h
Air pressure and consumption Pressure 0.8 1.0MP
consumption about: 1.3m³/min
Slitting precision :±1mm(manual)
Cutting length and precision : 500—9999mm (±1mm)
Total power about 150KW(380V 50HZ)

Equipment flow: according the customers' workshop to installation the machine.

Note: Test basis paper for production line should meet follow requirements;

Ø Basis paper scale ≥B
Ø Basis paper moisture: 11%±1%
Ø Liner: 150—200g/m2
Ø Medium paper: 150---200g/m2
Ø Corrugated paper: 105—180g/m2

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Automatic Corrugated Box Making Machine

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About the Company

Year of Establishment 2016	Legal Status of Firm Individual - Proprietor	Nature of Business Manufacturer
Number of Employees 11 to 25 People	Annual Turnover Rs. 2 - 5 Crore	IndiaMART Member Since Dec 2015
GST 33BEFPS9075B1ZF	Import Export Code (IEC) 04169*****	Exports to United States Of America, Tanzania, Bhutan, Bosnia And Herzegovina, Jordan

Nexxgen Global Machine Tools is a Pvt. Ltd. is established in the year **2016** and proved itself to be the leading Manufacturer of , 3 Ply and 5 Ply Unit Corrugation Plant, Lead Edge Printing Machine, Corrugation Machine, Gluer Machine etc. Our entire range is known for varied features such as dimensionally accuracy, best operations, smooth functioning, corrosion resistance, durability, sturdiness and precise engineering. We also customize our range in accordance with the briefings given by the clients. We try our best to deliver the best product range in the market at most reasonable and genuine prices. Customers' demands listen carefully and we ensure that they are served in best manner accordingly.

The dedicated team always plays a vital role in the success of an organization and our firm owns one such team, which has helped us to carve a niche in the industry. Technicians, manufacturers, research personnel, warehouse personnel and many other together has formed a team of most skilled and efficient staff for us. In order to keep our team motivated and going, we conduct various programs and incentives are offered.

Company Video

Corrugation and Printing Machine Manufacturer



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Automatic Corrugated Box Making Machine

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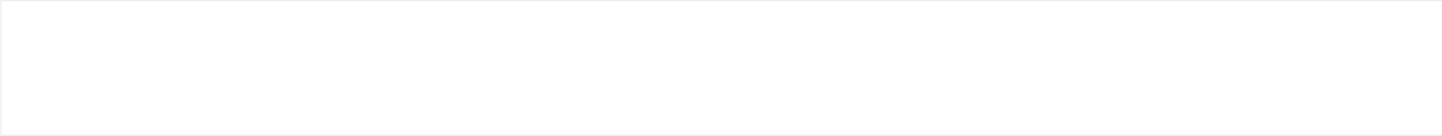
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Additional details about your requirement...

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Paper Corrugating Machine

Box Stitching Machine

Corrugating Machine

Corrugated Board Making Plant

Vertical Paper Corrugating Machine

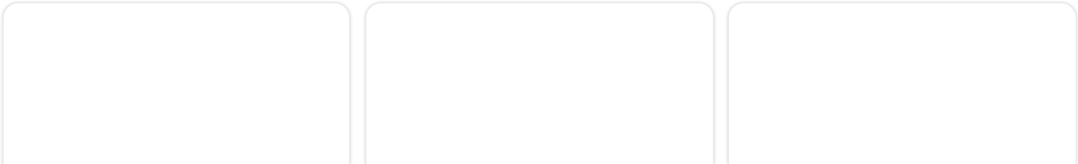
Eccentric Slotter Machine

Carton Folding Machine

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	Corrugated Box Making Machine	Corrugated Box Making Machine	SCD-221 High Speed Double Profile Corrugation Machine	Semi Automatic Cart Stitcher
	3.30 Lakh	16 Lakh	20 Lakh	16 Lakh
Automation Grade	Semi Automatic	Semi-Automatic	Semi-Automatic	Semi-Automatic
Brand	MMT	Royal	-	-
Motor Power	-	7.5HP	-	-
Usage/Application	Industrial	Box Making Machine	Industrial	-
Weight	- View more specification	- View more specification	- View more specification	2000 Kg View more specification
Supplier Details	Mano Industrial Machine Tools Adambakkam, Chennai, Tamil Nadu View Mobile Number Get Latest Price	Royal Industrial Corporation Amritsar, Punjab View Mobile Number Get Latest Price	Supercut Engineers Private Limited Mumbai, Maharashtra View Mobile Number Get Latest Price	Divine Grace Print Pac Padiyanallur, Chennai, Ta View Mobile Num Get Latest Price

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5 Ply Fully Automatic Corrugated Box Line

□ 1.75 Crore

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Box Corrugation Machine

□ 70 Lakh

Sukhmani Industries

Vasai West, Mumbai, Maharashtra

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NXGN - corrugated cardboard production line



Standard configuration

Main Technology Parameters Model:

Design speed : 120m/min

- Economy speed : 100m/min
- Effective width :
- Steam pressure and consumption : Pressure : 1.3MP Consumption about : 1850kg/h
- Air pressure and consumption : Pressure : 0.8~1.0MP consumption about: 1.3m³/min

#41, Lake View Street, Adambakkam, Chennai-600088

GSTIN: 33BEFPS9075B1ZF, IEC: 0416901859

Mobile: +91 9444040352, 9444077352 Tel: 044 22600352

E mail: nexxgenmachine@gmail.com

Website: www.nexxgen.in

- Slitting precision : $\pm 1\text{mm}$ (manual)
- Cutting length and precision : 500—9999mm ($\pm 1\text{mm}$)
- Total power about 150KW(380V 50HZ)

Equipment flow: according the customers' workshop to installation the machine.

Note: Test basis paper for production line should meet follow requirements;

- Basis paper scale $\geq B$
- Basis paper moisture: $11\% \pm 1\%$
- Liner: 150—200g/m²
- Medium paper: 150---200g/m²
- Corrugated paper: 105—180g/m²

NXGN-II-Hydraulic Shaft less Mill Roll Stand



PR-600D Pre-heater



SF 320 D Vacuum Single Facer Corrugation Machine



Steam heating

BS-T Conveyor Bridge



MH-600 Triple Pre-heater



GL-320D Gluing Machine



DF-2000 Double Facer (with driving part)





Electric adjusting knife, pneumatic lifting knife



Electrical and pneumatic scorer



Fast changing order system, high efficient and precision



Up and down pressure line synchronous adjustment down pressure line can be fine-tuned

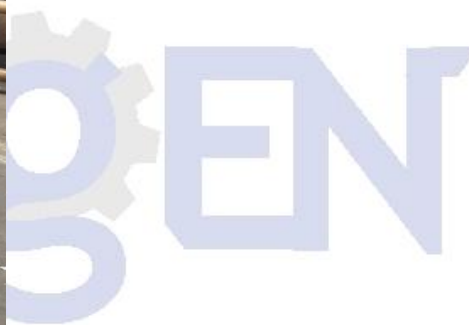


Automatic follow-up



automatic grinding optional: suction waste

NC-150N NC Helical blade cutting machines



Corrugated cardboard Down stacker configuration



GF-T Glue Making System



EF-T Electric System



1. (Period of quotation validity: 1 month)
2. Total line require 6 No's of 40" HQ containers.
3. Freight from Chennai to your factory extra.



PROJECT PROPOSAL

Ref. No. NATR-SS/2/2021/11-03

Date :-18- MAY-2021

M/S :
Address : INDIA
Email ID : knlmurthy@dcmsme.gov.in
Kindly Att. : Mr. Rao
Mob. No. : +91- 99085 71790

Sales Person:-Reena sharma
Contact No:- 91-9810192844

Validity-10-Days

A BRIEF INTRODUCTION OF OUR ORGANISATION



5 LAYER AUTOMATIC CORRUGATED BOARD PRODUCTION LINE

NATRAJ CORRUGATING MACHINERY CO , Palwal, Haryana (INDIA) Holding expertise in delivering a wide range of corrugating machinery. Established at Faridabad, Haryana in the year of 1970. our business operations are being led by Mr. O. B. Nagpal son of Late "Shri Madan Lal Nagpal" (Founder of Natraja brand") and Grandsons Mr.Rishi Nagpal And Mrs Changxiu Yang . Natraj is a professional factory engaged in the production of complete set of carton machines and equipments The factory has a large number of technicians and professional mechanics who have been engaged in carton machine research and development,production and manufacture,marketing and after-sales service for many years.The factory has full and complete products and diversified varieties,and professionally produces and deals in 3ply,5ply,7 ply Fully automatic paper corrugating board making machinery , all-computer control high-speed fully automatic printing and slotting (die-cutting) machines,fully automatic ,semi-automatic and common type single-color,2-color,3-color and 4-color printing slotting (die-cutting) machines, fully automatic(air suction type),semi-automatic(chain type)and common type rotary slotting machines, fully automatic (air suction type)and common type round pressing round die-cutting machines, thin blade paper separating and Thin edge splitter, semi-automatic carton bonding machines, cylindrical Rotary slotting ,creasing, cutting machine ,Quadruple grooving & corner cutting machine temperature-controlled corrugating machines, gluing machines , paper separating machines ,Thin edge splitter, Fully Automatic carton folder gluer ,Automatic Flute laminator ,Automatic Flat bed die cutting and creasing machine ,ete The factory has become one of the manufacturing enterprises with the most complete product series and bestquality and after-sales service in the domestic industry. complete consultation we provide in setting up carton industry according to requirement and production capacity .Mr Rishi nagpal has been awarded with many prestigious awards for development of new machinery and bringing new ideas for improvement.



NATRAJ CORRUGATING MACHINERY CO.

Excellence in Automatic Corrugated Box Making Machinery

150Mtr.1800MM-Five layer corrugated cardboard production line

PRICE OF MACHINERY FOR CORRUGATED BOX PRODUCTION LINE 150MTR-1800MM

SR.NO.	DESCRIPTION	SIZE	INR-PRICE																		
1.	5PLY FULLY-AUTOMATIC CORRUGATED BOARD PRODUCTION LINE	150Mtr-1800MM	35500000.00																		
2	HIGH-SPEED LEAD-EDGE 3 COLOR PRINTER SLOTTER DIE CUTTER STACKER Design speed per min 150 Sheet pcs p/min MACHINE SIZE- 1450x2600 MM PAPER BOARD SIZE=1450X2400 MM SHEET PRINTING AREA =1450x2200 MM <table><tr><th>S.no</th><th>Item</th><th>Unit</th></tr><tr><td>1</td><td>LEAD-EDGE FEEDER</td><td>1 UNIT</td></tr><tr><td>2</td><td>FLEXO PRINTER</td><td>3 UNIT</td></tr><tr><td>3</td><td>SLOTTER UNIT (motorized or Electric)</td><td>1 UNIT</td></tr><tr><td>4</td><td>DIE CUTTER</td><td>1 UNIT</td></tr><tr><td>5</td><td>STACKER UNIT</td><td>1 UNIT</td></tr></table>	S.no	Item	Unit	1	LEAD-EDGE FEEDER	1 UNIT	2	FLEXO PRINTER	3 UNIT	3	SLOTTER UNIT (motorized or Electric)	1 UNIT	4	DIE CUTTER	1 UNIT	5	STACKER UNIT	1 UNIT	1450 MMx2600 MM	7500000.00
S.no	Item	Unit																			
1	LEAD-EDGE FEEDER	1 UNIT																			
2	FLEXO PRINTER	3 UNIT																			
3	SLOTTER UNIT (motorized or Electric)	1 UNIT																			
4	DIE CUTTER	1 UNIT																			
5	STACKER UNIT	1 UNIT																			
3	AUTOMATIC FOLDER GLUER WITH STICHER	1200 MM x2600 MM	3800000.00																		
4	AUTOMATIC BUNDLING MACHINE	1000 MM	1700000.00																		
	EX -PORT-MUMBAI		4850000.00																		
GST- INSTALLATION - LOCAL TRANSPORTATION EXTRA																					

Mfrs., Importer & Exp of
3/5 Ply Corrugated Board and Box Making Machinery,
Flexo Printer Slotter Die Cutting, Automatic Folder Gluer
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Plant from China, Taiwan, Japan, Germany

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Dist. Palwal, Haryana,
India-121105
9810275497
9717009977

Email :
rishi_nagpal@yahoo.com
ceo@natrajmachinery.co.in
Web :
www.natrajmachinery.co.in



150Mtr.1800MM-Five layer corrugated cardboard production line

Device configuration and technical instruction

specificati on	Equipment name	UNIT	QT Y	Remark
RNNJ- V5B	Hydraulic shaftless mill roll stand	a	5	The spindle Φ 240mm, hyperbola heavy rocker, toothed chuck, multi-disc ventilated disc brakes, hydraulic drive lift, left and right translation for medium. Rail length 6000mm, trolley used 10mm plate welding.
	Paper trolley	a	10	
RNNG-1- 900	Glossy preheat cylinder	a	2	roller Φ 900mm, including certificate of pressure vessel. Electro motion adjustment angle. It can adjust the paper preheat area in the range of 360°.
RNNG-1- 900	Core paper preheat cylinder	a	2	roller Φ 900mm, including certificate of pressure vessel. Electromotion adjustment angle. It can adjust the paper preheat area in the range of 360°.
SF-320C	Fingerless type single facers	a	2	Corrugated main roller Φ 320mm, material with 58CrMo alloy steel, Tungsten carbide dealing, tile roll modular group lifting transfer. Corrugated roller spraying hard chrome plating, surface hardness HRC58 degrees. Adopt independent gearbox, universal joint transmission structure Corrugated roller group exchange. PLC automatic control of glue
RNNG-3- 900	Triple preheater	a	1	roller Φ 900mm, including the certificate of pressure vessel. electromotion adjustment angle. it can adjust the paper preheat areas in the range of 360°.
GM-C	Double glue machine	a	1	Diameter of glue roller Φ 269mm, Pit style textured. Frequency independent motor drive, PLC control, Machine interface touch screen display.
ZDF	Conveyor bridge	set	1	Using channel, beam, angle and other connections, independent inverter motor drive traction to enhance delivery of paper.



150Mtr.1800MM-Five layer corrugated cardboard production line

SM-F	Double facer	set	1	The rack 360 mm GB channel, Chrome hot plate 600 mm *16pieces, Cold segment length4m. Entrance 400mm hot cylinder so glossy Speed mention warm, hot plate contact plate design structure. PLC Automatic control plate. Down with automatic correction, temperature display, inverter motor.
ZQS	Thin knife slitting	a	1	Electric thin knife electric partial,Electric adjustment of clearance, five knives eight lines,the blade made of tungsten alloy steel.
RNN-NC-150	NC cutter helical knives	a	1	Full ac servo control spiral blade structure. Germany Bryant servo motor drive controller, Taiwan Eview yield 10.4 inches color touch screen display.
RNN GT	Automatic Gate-type stacker	a	1	Servo drive platform lift, three sections of frequency transmission, automatic points in batches, automatic stacking discharge, imported high-strength belt output, out paper side standard transport
RNN-ZJZ	Glue station system	set	1	Customers -owned pipeline. Glue configuration is composed by carrier tank、main tank、storage tank、and send plastic pump、back plastic pump.
RNN-QU	Gas source system	a	1	Including 0.6m ³ gas tank 1 unit. Air pump、pipeline is prepared by the customers.
RNN ZQ	Steam system	set	1	Steam system components used in all GB valves. Including rotaty joint,upper and lower dispenser. traps, pressure tableand so on. Customer-owned boilers and pipes.
RNN DQ	Electrical control cabinet system	set	1	Electronic control system : The entire line speed mechanism adopts electromagnetic speed motor. Cabinet surface paintelectrostatic spray , Wearable and beautiful.The main contactor relays using major brands.



150Mtr.1800MM-Five layer corrugated cardboard production line

✧ main technical parameters and requirements in production line

1	Effective width	1800mm	2	Design produce speed	150m/min
3	Three layer work speed	120-150m/min	4	Five layer work speed	100-130m/min
5	Seven layer work speed	-----	6	The highest chane single speed	100m/min
7	Longitudinal separation accuracy	±1mm	8	Cross-cutting precision	±1mm
not e	Speed the above targets required to achieve : effective width1800mm, Comply with the following standards and ensure the paper's equipment condition 175 ℃ heating surface temperature.				
	Glossy paper index	100g/m ² --180g/m ² Ring crush index (N.m/g) ≥8 (Water containing8-10%)			
	Core paper index	80g/m ² --160g/m ² Ring crush index (N.m/g) ≥5.5 (Water containing8-10%)			
	In paper index	90g/m ² --160g/m ² Ring crush index (N.m/g) ≥6 (Water containing8-10%)			
9	Flute combination				
10	Steam requirment	The maximum pressure 16kg/cm ²	Common pressure10-12kg/cm ²	use4000kg/Hr	
11	Electricity demand	AC380V 50Hz 3PH		Installed capacity≈250KW	Prime Power≈150KW
12	Compressed air	The maximum pressure 9kg/cm ²	Common pressure4-8kg/cm ²		use1m ³ /min
13	Space	≈L _{min} 77m*W _{min} 10m*H _{min} 5m(The actual drawing to provider to provide audited prevail)			



NATRAJ CORRUGATING MACHINERY CO.

Excellence in Automatic Corrugated Box Making Machinery

150Mtr.1800MM-Five layer corrugated cardboard production line

Customer-owned section

- 1、 steam heating system : proposal with 4000Kg / Hr of a steam boiler pressure:1.25Mpa steam pipeline。
- 2、 air compressed machine、 air pipeline、 glue conveying pipe。
- 3、 power supply、 wires connected to the operation panel and line pipe。
- 4、 water sources、 water pipelines、 buckets and so on。
- 5、 Water, electricity, gas flush mounting civil foundation。
- 6、 Test with the base paper、 corn starch (potato)、 Industrial use caustic soda、 borax and other material。
- 7、 Oil equipment、 lubricating oil、 hydraulic oil、 lubricating grease。
- 8、 installation、 commissioning of food, accommodation。 And provide installers with the installation。

Mfrs., Importer & Exp of
3/5 Ply Corrugated Board and Box Making Machinery,
Flexo Printer Slotter Die Cutting, Automatic Folder Gluer
Also used and Refurbish Imported Corrugated Board
Plant from China, Taiwan, Japan, Germany

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9810275497
9717009977

Email :
rishi_nagpal@yahoo.com
ceo@natrajmachinery.co.in
Web :
www.natrajmachinery.co.in

150Mtr.1800MM-Five layer corrugated cardboard production line

✂RNNJ-V5B HYDRAULIC SHAFTLESS MILL ROLL STAND

✂structural feature :

- ★adopt hydraulic drive to complete the paper clamping, loosen, remove for the medium, translation left and right and others, the lifting of the paper adopts hydraulic drive.
- ★brake adjustable adopts multipoint braking system.
- ★every stand matched two sets paper car , and they can paper on the both sides at the same time.



✂technical parameters :

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Also used and Refurbish Imported Corrugated Board
Plant from China, Taiwan, Japan, Germany

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1、the range of clamping paper : MAX1800mm MIN1000mm 2、clamping diameters : MAX Φ 1500mm
MIN Φ 350mm

3、main shaft diameter of paper holder : Φ 242mm 4、gas source work pressure (Mpa) : 0.4---
0.8Mpa

5、equipment size : $L_{mx}4.3*W_{mx}1.8*H_{mx}1.6$ 6、single weight : MAX4000Kg

✂ Hydraulic system parameters :

- 1.Work pressure (Mpa) :16---18Mpa 2、lifting hydraulic cylinder : Φ 100×440mm
3、Claming hydraulic cylinder : Φ 63×1300m 4、hydraulic station motor power : 3KW --380V -- 50Hz
5、solenoid valve voltage : 220V 50 Hz

✂ Mainly purchased parts, raw materials and origin :

Name of main parts	Brands or place of origin	Material
Main shaft	Day steel production	diameter242mm
Swing arm	Production by own	Resin sand gray ironHT200
wallboard	Jigang prduction	Q235AWelding parts
bearing	HRB,ZWZ,LYC	
Toothed chuck	Zhejiang xusheng	3、4inch shared
Main electrical appliance	France Schneider	
button	CHINT NP2series	
Air switch	French Schneider	
Pneumatic components	Zhejiang SnoCSM	
Hydraulic station	Shandong zaozhuang	
Brake pump	zhejiang	

150Mtr.1800MM-Five layer corrugated cardboard production line

✂ PAPER TROLLY, SIDEWAY



✂ structural feature :

- ★the whole sideway buried, The main frame of the 14th Channel steel with ϕ 20mm cold drawn welded round, length of sideway 6000mm.
- ★each paper holder matched two sets paper trolley, and paper on both sides at the same time.pull the roller paper to the right place.

✂ Mainly purchased parts, raw materials and origin :

Name of main parts	Brands or place of origin	Material
Sideway and paper car	Tanggung or jigang	NO14channel steel、Q235A、 steel strip
bearing	HRB,ZWZ,LYC	

150Mtr.1800MM-Five layer corrugated cardboard production line

※RNNG-1-900 glossy (core) paper preheat cylinder

※structural features :

- ★preheat roller accord the pressure container national standards,and enclose the pressure container certificates and inspection certificate.
- ★Each roller surface after grinding precision grinding and dealing with hard chrome plating, Surface friction is small, durable.
- ★electromotion adjustment angle, and angle can rotation adjustment the preheat area in the range of 360°.
- ★adopt two-stage reducer to adjust angle, and it has the function self-locking.
- ★Preheat roller head using the butterfly design, with steam heating.



※technical parameters :

- 1、Effective width : 1800mm
- 2、diameter of preheat roller : Φ 900mm
- 3、angle adjustment range : 360°rotation
- 4、angle shaft diameter : Φ 110mm $\times$ 2
- 5、steam temperature : 150-180℃
- 6 steam pressure : 0.8-1.3Mpa
- 7、equipment size : L_{mx}3.3*W_{mx}1.1*H_{mx}1.3
- 8、single weight : MAX2000Kg
- 9、working power : 380V 50Hz
- 10、Motor power : 250W short (S2) working system

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✂ Mainly purchased parts, raw materials and origin :

Name of main parts	Brands or place of origin	Material
Steam rotation joint	Quanzhou yujie	
preheater	Hangang or jigang	Q235Bpressure containerboard
bearing	HRB,ZWZ,LYC	
Seat belt bearing	Zhejiang wuhuan	
Reducer	Shandong dezhou	
contactor	schneider	
Angle axis		GB seamless steel pipe Φ 110
traps	beijing	Inverted bucket

✂SF-320C FINGERLESS TYPE SINGLE FACER

✂structuarl feature :

- ★adopt hood suction structure, matched high pressure powerful fan. Gas supply and electrical control cabinet to focus on the same operation, the operating side full cover closed.
- ★High quality resin sand casting, wall thickness 200mm. Adopt independent gear box, Universal joint transmission structure.
- ★install the lifting trolley on the conveyer bridge,Need to use the car will tile roll assembly and pressure roller, such as convenient and quick.
- ★Glue roller unit structure with the overall relocation, Maintenance can sway the machine at the overall maintenance, improve the working efficiency.
- ★The humidity control apparatus equipped with a spray, so flute type to maintain good stability of deformation, avoid dry.
- ★Automatic circulation system for glue, two-cylinder pneumatic gluing device, with good cushioning effect.

- ★Glue department using integrated slide structure, Glue roller surface after grinding engraved with 25

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150Mtr.1800MM-Five layer corrugated cardboard production line

lines and pit-style textured hard chrome plating.

★corrugated roller adopt tungsten carbide dealing, diameter of the main corrugated roller 320mm, Quenched→rough car→bore fine boring→shaft head shrunk-on→welding → tempering to stress→fine cars→coarse grinding→IF quenching→CNC grinding machine grinding→Hard chrome plating, hardness of surface is HRC58degrees.

★Active force variable frequency motor drive, energy efficient, low failure rate.

★Glue wide electric adjust to changes in the width of the paper used.

★Amount of glue size with electric adjustment, touch screen display and operation of the encoder transmission coating gap, high accuracy.

★Power and operating parts with a safety net to ensure the safety of personnel in the operation of machinery.



✂technical parameters :

1、effective width : 1800mm

2、operate direction : left or right (Determined in accordance with

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the customer's facility)

3、 design speed : 150m/min 4、 range of temperature : 160—180℃

5、 air source : 0.4—0.9Mpa 6、 steam pressure : 0.8—1.3Mpa

7equipment : $L_{mx}3.5*W_{mx}1.7*H_{mx}2.2$ 8、 single weight : MAX 7000Kg

✂ Roller diameter parameters :

1、 corrugated roller : up Φ 320mm down Φ 316mm pressure roller : Φ 324mm

2、 glue roller : Φ 242mm fixed paste roller : Φ 140mm preater roller : Φ 402mm

✂ powered motor parameters :

1、 main frequency drive motor : 18.5KW rated voltage : 380V 50Hz Continuous (S1) working standard

2、 suction motor : 11KW rated voltage : 380V 50Hz Continuous (S1) working standard

3、 glue reducer : 100W rated voltage : 380V 50Hz Continuous (S2) working standard

4、 glue gap motor : 250W rated voltage : 380V 50Hz short (S2) working standard

5、 glue pump motor : 2.2KW rated voltage : 380V 50Hz Continuous (S1) working standard

✂ Auxiliary equipment :

1、 Special pulley crane configuration tile roll maintenance, convenient to use when maintenance tile roll, and fast.

2、 Configuring an external guide pulley crane to lengthen the trip, in order to successfully remove the line outside the repair parts.

✂ Mainly purchased parts, raw materials and origin :

Name of main parts	Brands or place of origin	material
wallboard	Production by own	HT250
Transmission box	hebei	QT450
Corrugated roller		Alloy steel corrugated



150Mtr.1800MM-Five layer corrugated cardboard production line

Rotation joint and Metal Hose	Fujian quanzhou yujie	
Main frequency motor	Hebei hengshui yongshun motor factory	
Reducer motor	Taiwan chengbang	
Bearings	HRB,ZWZ,LYC	
Corrugated roller and pressure roller bearing	America Timken	
Seat belt bearing	Zhejiang wuhuan	
High pressure fans	Shanghai yingfa motor factory	
cylinder	Zhejiang sonor CSM	
Solenoid valve	Zhejiang sonorCSM	
traps	beijing	Inverted bucket type
contactor	France schneider	
button	Zhengtai NP2 series	
Air switch	French schneider	
Position Sensor	JapanOMRON	
Frequency controller	Taiwan delta	
PLC	Taiwan delta	
Human Machine Interface	Taiwan WEINVIEW or MCGS	
Lose rubber pump	Hebei botou	

150Mtr.1800MM-Five layer corrugated cardboard production line

✂RNN-ZDF CONVEYOR BRIDGE

✂structural feature :

- ★Independent frequency motor lifting mechanism, PVC conveyor belt, a single watt of cardboard into a wavy rule stable.
- ★All roller surface after grinding hard chrome plated.
- ★Vacuum adsorption tension control, 5-inch suction tube, add regulator valve, air volume stepless adjustable air volume.
- ★Electric corrective devices II sets, correction baffle double guide column positioning, Screw Driver, positioning fast and accurate , smooth running.



✂roller diameter parameters :

- 1、 up paper roller and tension roller : Φ 130mm translation roller : Φ 180mm
Initiative tension roller Φ 110mm guide paper roller : Φ 85mm

✂Power motors and electrical parameters :

- 1、 single facer corrugated paper lift motor : 3KW (frequency) 380V 50Hz Continuous (S1) working standard
2、 Bridge adsorption fan : 4KW 380V 50Hz Continuous (S1) working standard
3、 The cardboard wide motor : 250W 380V 50Hz short (S2) working standrad



NATRAJ CORRUGATING MACHINERY CO.

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150Mtr.1800MM-Five layer corrugated cardboard production line

✂ Mainly purchased parts, raw materials and origin :

Name of main parts	Brands or place of origin	material
The bridge main skeleton	Tiangang or tanggang	NO20channel iron、NO18beam、NO12channel iron、NO63angle、60*80squal steel and so on connected.
guardrail	tiangang	¢ 42mmLow pressure fluid pipe
Paper lifting leather belt	Shanghai	PVCconveyor
Cardboard conveyor	Hebei	Parallel transport rubber band
Adsorption inverter fan	Shanghai yingfa motor factory	
inverter	Taiwan delta	
bearing	HRB,ZWZ,LYC	
Seat belt bearing	Zhejiang wuhuan	
Paper width adjustment gear	Shangdong jinbuhuan reducer	
Paper motor (frenquency)	Hebei hengshui yongshun motor	
Conveying rollers and the rollers, the paper roll	Tiangang Seamless steel pipe	
contactor	France Schneider	
button	CHNT NP2series	

note : all the roller axis surface after grinding and dealing with hard chrome plating.

✂RG-3-900 THREE TRIPLE PREHEATER

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150Mtr.1800MM-Five layer corrugated cardboard production line

✂ structural features :

- ★ preheat roller accord with the national standard of the pressure vessel, and enclosed the pressure container certificate and inspection certificate.
- ★ Each roller surface after grinding precision grinding and dealing with hard chrome plating, Surface friction is small, durable.
- ★ electromotion adjustable angle, it can rotated adjust the paper preheat area in the range of 360°.



✂ technical parameters :

- 1、 Effective width : 1800mm
- 2、 preheat roller : Φ 900mm angle shaft : Φ 110mm
- 3、 range of angle adjustment : 360°rotation
- 4、 diameter of angle shaft : Φ 110mm $\times$ 2
- 5、 steam temperature : 150-180℃
- 6 pressure : 0.8-1.3Mpa
- 7、 equipment size : L_{mx}3.3*W_{mx}1.1*H_{mx}3.9
- 8、 single weight : MAX6000Kg
- 9、 working power supply : 380V 50Hz
- 10、 motor power : 250W short (S2) working system



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✂ Mainly purchased parts, raw materials and origin :

Name of main parts	Brands or place of origin	material
Steam rotation joint	Fujian quanzhou yujie	
preheater		Q235B pressure containerboard
bearing	HRB,ZWZ,LYC	
Seat belt bearing	Zhejiang wuhuan bearing	
RVreducer	Zhejiang fenghua	
relays	France Schneider	
button	CHNT NP2SERIES	
Air switch	France schneider	
Angle axis		GB seamless steel pipe Φ 110
traps	Beijing traps factory	

✂RNN-GM-C DOUBLE GLUE MACHINE

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150Mtr.1800MM-Five layer corrugated cardboard production line

✂ Structural features :

- ★after quenched of the glue roller surface,the hole machining, surface grinding and doing balancing engraved anilox pit type, coating evenly, less consumption of plastic
- ★glue roller turns is controlled by the frequency motor, by inverter control ensures glue roller line speed synchronous machine with double machine, they can operate independently.
- ★electromotion adjustment display the glue amount. Automatic cycle for glue, glue avoid sedimentation, viscosity stability.
- ★Pneumatic structure platen gap by electric tuning. On the next floor are made independent variable frequency motor drive.
- ★take the speed signal of the double facer,so as to synchronous operation with it. Man-machine interface display, easy operation
- ★amount of glue automatic adjustment control, amount of glue automatic adjustment with the produce speed, in automatic mode, you can also get in manual tuning.

150Mtr.1800MM-Five layer corrugated cardboard production line



✂ technical parameters :

- 1、 effective width : 1800mm
- 2、 operation direction : left or right (Determined in accordance with the customer's facility)
- 3、 highest design speed : 150m/min
- 4、 air source system : 0.4—0.9Mpa
- 5、 temperature range of the preheater : 150—200℃
- 6 steam pressure : 1.12—1.3Mpa
- 7、 equioment size : $L_{mx}3.3*W_{mx}1.4*H_{mx}2.7$
- 8、 single weight : MAX40000Kg

✂ Roller diameter parameters :

- 1、 glue roller : $\Phi 269mm$ Fixed paste roller : $\Phi 140mm$
- 2、 bottom preheat roller : $\Phi 402mm$ up preheat roller : $\Phi 374mm$ the paper roller : $\Phi 110mm$



150Mtr.1800MM-Five layer corrugated cardboard production line

✂ Power motors and electrical parameters :

- 1、glue roller initiative frequency motor : 3KW 380V 50Hz Continuous (S1) working standard
- 2、glue amount adjustment reducer : 250W 380V 50Hz short (S2) working system
- 3、pressure roller gap adjustment motor : 250W 380V 50Hz short (S2) working system
- 4、glue pump motor : 2.2KW 380V 50Hz Continuous (S1) working system

✂ Mainly purchased parts, raw materials and origin :

Name of main parts	Brands or place of origin	material
Glue roller and Fixed paste roller	Tiangang	45Quenching steel
Preheat roller	Tiangang or jigang	Q235B container board
bearing	HRB,ZWZ,LYC	
Sear belt bearing	Zhejiang wuhuan	
Pneumatic elements	Zhejiang sonorCSM	
contactors	France Schneider	
Air switch	France Schneider	
button	zhengtai	
Adjust glue reducer	Taiwan chengbang	
Main reducer	Tanwan chengbang	
Touch screen	Taiwan WEINVIEW or MCGS	
PLCand frequency machine	Taiwan delta	
belt	German OPTIBELT	
traps	Beijing	
Lose glue dispensing pumps	Hebei botou	



150Mtr.1800MM-Five layer corrugated cardboard production line

✂RNN-SM-C TYPE DOUBLE FACER

✂Structural features :

★Heating plate surface by grinding treatment, hot plate width 600mm, a total of 16 pieces heating plate.

Preheat board is made of contactor board, in accordance with the national standards of pressure container, enclosed the pressure container certificate and inspection certificate.

★Hot plate using the touch plate design structure. Plate movements using pneumatic spring-type structure.

★On both sides about conveyor belt deviation adjustment adopts automatic adjustment, 2 sets of the conveyor belt tensioning system, one set is manual (fine tuning), the other is pneumatic adjustment (high speed)。

★Thermal pipe heating plate temperature control points seven sections with temperature display.

★up cotton belt with double cylinder S cotton belt tensioning device。

★bottom cotton belt with s-shaped correction manually tensioning mechanism, structure simple and practical, under with manual fine-tuning.

★Drive roller coated with attached wear-resistant rubber, showed a herringbone structure, With a high, ensure smooth cardboard output.

★Main drive motor for frequency conversion motor, low-speed torque, wide speed range, reliable, and easy maintenance.

★hot plate internal for partition isolation structure, s-shaped flow of steam, Steam, water separation function significantly improves the utilization of steam。

150Mtr.1800MM-Five layer corrugated cardboard production line



✂ technical parameters :

- 1、temperature requirment : 160—200℃ steam pressure: 0.8-1.3Mpa
- 2、air source pressure : 0.6—0.9Mpa
- 3、Cooling stereotypes length : 4m Heating plate quantity : 14 pieces
- 4、hydraulic system pressure : 6---8Mpa

✂ roller diameter parameters :

- 1、up drive rubber roller diameter : Φ 700mm bottom drive rubber roller diameter : Φ 400mm
Wear rubber Outsourcing
- 2、Former follower with roller diameter : Φ 270mm After setting belt driven roller diameter : Φ 186mm
- 3、Pressure belt roller diameter : Φ 70mm Shaping roller diameter : Φ 86mm
- 4、The belt tension roller diameter : Φ 130mm The roll diameter with detuning : Φ 124mm
- 5、Under the belt tension roller diameter : Φ 130mm Entrusted with the roll diameter under the belt : Φ 130mm

Note: All the roller surface after grinding are hard chrome plated。

✂ Power motors and electrical parameters :

- 1、Main drive motor power : 30KW 380V 50Hz Continuous (S1) working standard

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2、Hydraulic station motor power : 2.2KW 380V 50Hz Continuous (S1) working standard

✂ Mainly purchased parts, raw materials and origin :

Name of main parts	Brands or place of origin	Material and type
Main skeleton	Tiangang or laigang	NO36Channel steel and NO16Beam
Heating plate	Tiangang or jigang	Q235BContainer board production
Main drive motor	Hebei hengshui	30KWfrequency motor
Cotton belt	Shenyang	Thick cotton webbing10mm
traps	Beijing	Inverted bucket
contactor	France Schneider	
Hydraulic station	Hebei	
bearing	HRB,ZWZ,LYC	
Drive wallboard	Hebei	Gray cast ironHT250
Pneumatic elements	Zhejiang sonorCSM	
Photoelectric switch	Korea Autonics	
Seat belt bearing	Zhejiang wuhuan	

150Mtr.1800MM-Five layer corrugated cardboard production line

✂RNN-ZQS THIN KNIFE SLITTING

✂structural feature :

- ★Overcome the conventional type of pole, cutting pressure lines appear when collapsed cardboard cut phenomenon, cutting board smooth, quality has improved significantly.
- ★the whole machine can remove left and right,cycloid reducer to adjust.
- ★Cutter and easy to adjust the pressure line, the error $\pm 0.5\text{mm}$, automatic sharpening device, you can achieve timing Brothers, with intermittent Brothers and other features.
- ★the machine adopt five knives eight lines,the blade is made of tungsten alloy steel, the using life is not less than 3 million running meters.



✂technical parameters :

- 1、 effective width : 1800mm
- 2、 The maximum mechanical speed : 100m/min
- 3、 Mechanical configuration : 5knives 8lines
- 4、 The minimum width of the cutter : 135mm

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The maximum width of the cutter : 1850mm

✂ Power motors and electrical parameters :

1、Line cutter line motor:0.4KW2、Knife wheel drive motor:5.5KW

✂ Mainly purchased parts, raw materials and origin :

Name of main parts	Brands or place of origin	Material and type
Frenquency motor	Hebei hengshui yongshun	
bearing	harbin	
Seat belt bearing	Zhejiang wuhuan	
Relay machine	France schneider	
Proximity Switch	lapan OMRON	
Solenoid valve	Zhejiang sonorCSM	
Left and right traverse motor	Shandong jinbuhuan reducer	



150Mtr.1800MM-Five layer corrugated cardboard production line

✂RNN-NC-150 NC CUTTER HELICAL KNIVES

✂structural feature :

- ★it can store 200 units orders, replace the cutter specifications quickly and accurately, changing orders without stop, And enables networked computers to facilitate production management.
- ★Knife shaft drive gears are precision forged steel induction hardening, backlash-free transmission, advanced keyless connection, high transmission accuracy.
- ★Cutting machine adopts inlaid front steel blade knife spiral structure, serrated knife. scissors, shears, shear force, long blade life.
- ★around feed rollers are used the sun gear platen way, smooth delivery, pressure evenly, easy to crush plate board or cause blockage.
- ★This model is the braking energy storage (non-dynamic braking), so the energy consumption in the production process, the average electricity consumption is 1/3 of an ordinary NC cutting machine, saving more than 70% power to reach the goal of saving money .
- ★Precision adjustable no gap gear to ensure precise blade engagement, running balance.
- ★Using an independent oil pump and filter with two copper distribution in each gear position oil, lubrication and cooling.
- ★Knife roller: fine quality forged steel material, the balanced, with good stability.

150Mtr.1800MM-Five layer corrugated cardboard production line



✂ technical parameters :

- 1、effective width : 1800mm
- 2、operation direction : left or right (determined to the customer's factory)
- 3、highest machinery speed : 150m/min
- 4、Mechanical configuration : computer-control helical cross cutter
- 5、Minimum cutting length : 500mm
- 6、Maximum cutting length : 9999mm
- 7、Precision of cutting paper : uniform $\pm 1\text{mm}$, non-uniform $\pm 2\text{mm}$
- 8、equipment size : $L_{\text{mx}}4.2*W_{\text{mx}}1.2*H_{\text{mx}}1.4$
- 9、single weight : MAX3500Kg

✂ Roller diameter parameters :

- 1、Cross on the knife shaft center distance : $\Phi 216\text{mm}$
- 2、Before the lower conveying roller diameter $\Phi 156\text{mm}$
- 3、After the lower conveying roller diameter : $\Phi 156\text{mm}$
- 4、The front of the platen roller diameter : $\Phi 70\text{mm}$
- 5、The front of the platen roller diameter : $\Phi 70\text{mm}$

Note: After all have been grinding rollers, hard chrome plated at (on except under the knife shaft) dealing.

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✂ Power motors and electrical parameters :

- 1、main drive motor power : 18.5KW Full AC synchronous servo
- 2、Before feeding motor power : 3KW (Frequency Control)
- 3、Oil pump motor power : 0.25KW

✂ Mainly purchased parts, raw materials and origin :

Name of main parts	Brands or place of origin	Material and type
Full AC servo motor	Shanghai futian	18.5KW
Feeding frequency motor	Hebei hengshui yongshun	
bearing	HRB,ZWZ,LYC	Up and down the knife roller bearings from Japan NSK
belt	Germany OPTIBELT	
Up sleeve	Xianyang chaoyue	
Seat belt bearing	Zhejiang wuhuan	
Contactors and relays, relays of middle	France Schneider	
Proximity Switch	Japan OMRON	
Flying shear servo control system	Germany kebi	
Motion control board	Germany MKS-CT150	
Rotary encoder	Wuxi ruipu	
Feeding drive	Taiwan delta	
Human Machine Interface	Taiwan WEINVIEW or MCGS	
Sun gear	China shenzhen	
Pneumatic components	Zhejiang sonorCSM	

150Mtr.1800MM-Five layer corrugated cardboard production line

RNN AUTOMATIC GATE MODEL STACKER

※structural feature :



- ★gantry stacking. Change order time 20 seconds, automatic counting.
- ★Synchronized with the production management system , orders management,Centralized management, Do not slow down automatically for a single.
- ★Production management for a single waste is less than 700mm.
- ★The crawler stacking platform, AC servo control lifting, stacking stable、 tidy ;
- ★Backsplash can automatic shift, stacking for small orders ;
- ★ Independent sealed control cabinets, electrical equipment operating under clean environment ;
- ★Color touch-screen display for easy on-site operation.
- ★Fully automatic operation control, improve efficiency and save manpower, reduce labor intensity



150Mtr.1800MM-Five layer corrugated cardboard production line

※ technical parameters :

- 1、effective working width : 1800mm 2、operation direction : left or right

(determined to the customer's factory)

- 3、MAX. working speed : 150m/min 4、The maximum stack height : 1.5m
5、the MAX.stacking length : 3500 mm 6、equipment size : Lmx12*Wmx2.2*Hmx1.7

※Mainly purchased parts, raw materials and origin:

Name of main parts	Brands or place of origin	Material and type
RV-90 transport gear	Zhejiang fenghua	
Lifting RV-130 reducer	Zhejiang fenghua	
Feeding drive machine	Taiwan delta	3KWdrive machine
Lift drive machine	Taiwan delta	5.5KWdrive machine
Proximity Switch	Japan OMRON	
PLC	Taiwan delta	
Switching Power Supply	Taiwan MW DC	
Human Machine Interface	Taiwan WEINVIEW or MCGS	
Rotary encoder	Wuxi ruipu	
Alarm lights	China	
contactor	France Schneider	
profile	Tiangang or taigang	NO36Channel iron、 NO16 Channel iron、 Square iron
High-strength flat belt conveyor	shanghai	PVC-3conveyor
Pneumatic components	Sonor CSMor AirTAC	



150Mtr.1800MM-Five layer corrugated cardboard production line

roller	Tiangang Seamless steel pipe	
Polyurethane sun gear	Shenzhen	
Carbon fiber layering	import	

✂RNN-ZJZ GLUE STATION SYSTEM

✂Structural features :

- ★provide the starch adhesive to the corrugated single facer ,two glue machine and some other gluing equioment.
- ★Horizontal glue machine can meanwhile matched withmain body glue and carrier glue, and mixing, glue large。
- ★Making room storage barrels adhesive solution was to use the glue pump rubber equipment storage barrels, adhesive solution for equipment。
- ★Storage barrels, plastic barrels with mixing device, avoid glue solution precipitation agglomerate 。
- ★System unit with carrier vessel, main tank, storage tank, and send the glue pump, the back glue pump, etc。
- ★glue system adopt glue cycle,rest glue go back to the glue square cylinder,Liquid level float automatic control,the back glue a bucket of glue liquid being beaten back with glue equipment storage bucket, cycle for glue, Save the glue solution, prevent the glue solution in the rubber plate pasting and caking precipitation.
- ★Work has been completed, the residual gum dividend total pipeline with rubber equipment rubber pumped back rubber room storage barrels, for next time use。
- ★Responsible for technical guidance, teaching adhesive dispensing process 。

150Mtr.1800MM-Five layer corrugated cardboard production line



✂technical parameters :

- 1、 Horizontal body glue mixer : one 2、 Carrier glue mixer : one
- 3、 Storage glue mixer : one 4、 Plastic buckets on double coater : one
- 5、 Two coating machine back plastic buckets :one 6、 Plastic buckets on single machine :two
- 7、 Single machine back plastic buckets : two 8、 Lose glue dispensing pumps : four

✂glue barrel diameter parameters :

- 1、 Horizontal body glue mixer : 1250mm×1000mm×900mm
- 2、 Carrier glue mixer diameter : Φ 800mm×900mm
- 3、 Diameter plastic bucket on Double Glue : Φ 800mm×1000mm Plastic buckets on single machine : Φ 800mm×1000mm
- 4、 Storage tank diameter : Φ 1200mm×1200mm

✂Power motors and electrical parameters :

- 1、 Horizontal body glue mixer : 3KW 380V 50Hz
- 2、 Carrier glue mixer : 2.2KW(Ordinary three-phase) 380V 50Hz
- 3、 output plastic pump motor : 2.2KW (Ordinary three-phase) 380V 50Hz



150Mtr.1800MM-Five layer corrugated cardboard production line

4、Storage Tank Motor 1.5KW (Ordinary three-phase) 380V 50Hz

※ Mainly purchased parts, raw materials and origin :

Name of main parts	Brands or place of origin	Material and type
motor	Hebei hengshui yongshun	
Lose glue dispensing pumps	Hebei botou	
Skeleton profiles	tanggung	

※ RNN-ZQ STEAM SYSTEM

※ Structural features :

- ★ Production line for hot heating energy delivery device to maintain a stable operating temperature。
- ★ All units are designed to be independent small unit for the steam system, segmented temperature control, energy saving, easy to adjust。
- ★ By adjusting the steam pressure monitor dial to exercise control over the operating temperature, and a pressure。
- ★ Each group has a hydrophobic unit emptying bypass, when rapid shutdown cooling equipment。
- ★ Float trap 1/2 metal hose and connect the bypass valve, plug valve injection。
- ★ Between the piping system and the rotary heating member in order to achieve a flexible metal hose connection, to extend the service life of the rotary joint。
- ★ All steam pipes are made of seamless steel tubes, to ensure safety for use under normal pressure 。

150Mtr.1800MM-Five layer corrugated cardboard production line



✂ technical parameters :

- 1、 steam consumption : about 1.5-2T/h
- 2、 Equipped with boiler : 4t/h
- 3、 Equipped with boiler pressure : 1.25Mpa Pipe temperature : 170—200°C

150Mtr.1800MM-Five layer corrugated cardboard production line

RNN-LEADEDGE 3 COLOR FLEXO PRINTER- SLOTTER –DIECUTTER STACKER



Mfrs., Importer & Exp of
3/5 Ply Corrugated Board and Box Making Machinery,
Flexo Printer Slotter Die Cutting, Automatic Folder Gluer
Also used and Refurbish Imported Corrugated Board
Plant from China, Taiwan, Japan, Germany

Plot No. 21-23, Mithrol,
Dist. Palwal, Haryana,
India-121105
9810275497
9717009977

Email :
rishi_nagpal@yahoo.com
ceo@natrajmachinery.co.in
Web :
www.natrajmachinery.co.in



150Mtr.1800MM-Five layer corrugated cardboard production line

Characteristics

1. Use Lead-edge feeding unit with absorption system on the table, can let the curved board pass smoothly.
2. Drive gear is helical gear system.
3. Printing unit and die-cutting unit are adjusted by electrical digital 360degree, reduce time and improve work efficiency.
4. Frequency motor drive, customers can adjust the speed freely in the range.
5. The gap of printing roller with big adjusting range, it is fit for three, five, seven layer with different thickness paper board with high printing precision.
6. This machine use electrical separable structure, customers can achieve single color, double color or more color printing, easy for maintenance, with pneumatic locking, separate position, operation quickly and conveniently.
7. All the motor are made in China. Customers need to inform us advance if need other brand motor

THE MAIN TECHNICAL PERAMETERS

Production Speed	150ps/min
Economy speed	100-120 ps/min
Machine size	1450x2600 MM
Max paper size	1450x2400 MM
Min paper size	Positive knife 350x680mm
Min.Slot Space- Positive	Positive knife160*160*160*160 mm
Min paper size	Negative knife 350x760mm
Min.Slot Space- Negative	negative knife
Max printing size	1450*2200mm
Printing thickness	3-11mm
Slot WidthxMax.depth	7mmx300 mm
Printing plate thickness	4-9mm
Printing Roller	Plus Printing Plate Thickness)
Max. Paste Edge Width	50mm
Color Group:- Every part is optional according to users' needs Printing Paper A、B、C、A/B、B/C and A/B/C type corrugated paperboard	

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LEADEDGE FEEDIND UNIT



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FLEXO PRINTER UNIT



1. The printing roller surface is hard chromium plating and polished, make it work stable.
2. The uniforming roller is coated with abrasive rubber, the mid-high is parabola type for compensating the forced deformation, improve the ink transmission. The rubber is Nitrile rubber, hardness above 60 degrees, good effect for supplying ink after special polished. The rubber roller is driven by motor when the machine stop, machine stop and continuous supplying ink, auto uniform ink.
3. The anilox roller is from famous domestic brand, the rollers are made by mature technology, the cylinder is less 0.016mm, radial circle run out is less than 0.1mm, with 25 times the magnifier for the overlapping curve, margin, and the micro hardness of HV900-1050. So it is good at store, uniforming a transmission ink, it is the best choice for printer. (The anilox roller mesh is depends on customer)
4. The electrical phase adjustment device, make the machine adjusted longitude 360° when work or stop, saving change time.
5. The pneumatic diaphragm pump circulating supply ink, operation and maintenance easy.
6. Use pneumatic lifting plate, auto even ink, stop machine continuous supplying ink, avoid the ink drying when machine stop, reduce the disadvantageous factor for printing effect

150Mtr.1800MM-Five layer corrugated cardboard production line

SLOTING-UNIT (MOTRIZE /ELECTRICE SLOTTER)



1. Pressing line wheel

1. Adopt seamless steel tube, after two times grinding machining, surface of the roller is chromed, move steadily.
2. The pressing line wheel gap adopts manual adjustment, the adjusting range is 0-11mm.

2. The slotting knife lateral shift adjustment structure

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1. Adopt seamless steel tube, after two times grinding machining, surface of the roller is chromed, move steadily
2. The width of slotting knife is 7.0mm.
3. The slotting knife adopt alloy steel. It also has gone through heat treatment and grinding, the knife sharp is saw tooth. Both the rigidity and toughness are very good.
4. The repair edge knife adopt alloy steel and has gone through heat treatment and grinding, the knife is sharp and high precise
5. The slotting knife seat gap adopts manual adjustment, the adjusting range is 0-11mm
6. Two slotting knives adopt manual synchronous adjustment. (the box height)

Drive gear

The printing roller gear is made of spheroidal graphite cast iron, the others drive gear are made from 40 Gr steel quenching and tempering treatment. All the gears of the machine are spraying lubricated, reduce the voice, prolong the gear service life.

Motor list

No.	Name	Size	Quantity
1	Main motor	Frequency motor 15kw	1
2	Phase motor	0.37kw reducer motor i 1/15	1
3	Even ink motor	0.40kw reducer motor I 1/30	1
4	Walking motor	0.75kw960r/min	1

Other parts list

No.	Name	Quantity
1	Electromagnetic valve	9
2	Pneumatic single diaphragm pump	2
3	Anilox roller	2
4	Rubber roller	4(include feeding roller)
5	Electrical parts	All
6	Bearing	All
7	Rubber slecve	All
8	Slotting knife	
10	PLC	

150Mtr.1800MM-Five layer corrugated cardboard production line

DIECUTTING UNIT





150Mtr.1800MM-Five layer corrugated cardboard production line

The main technical parameters

1. The die roll (lower roll)

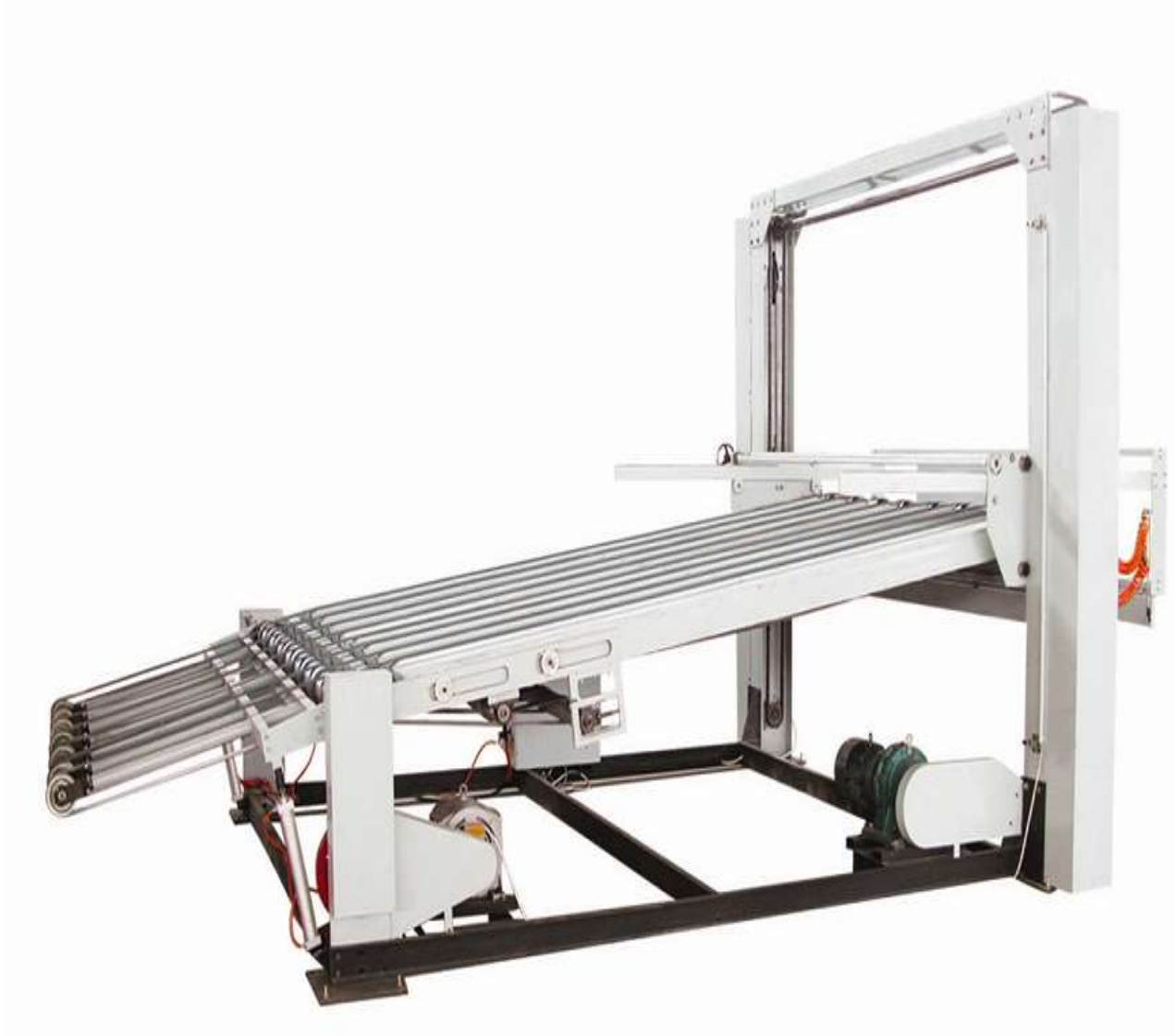
- Wooden plate roller (down roller)
- Diameter is 360mm(without plate)
- Casting steel surface grind, chrome plate.
- Balance adjustment, improving working steady.
- Fixing hole distance is 100x100mm
- The height of die-cutting plate is 25.4mm
- The thickness of wooden shell: 16-18mm (3 layer) 13-15mm (5 layer sheets)

2. Pad Roller (upper roller)

- Rubber pad roller (upper roller)
- Diameter is 389mm
- Casting steel surface grind, chrome plate.
- Balance adjustment, improving working steady.
- Manual adjust the pressure between upper and lower roller
- The thickness of rubber pad is 8mm(od is 405mm), width is 250mm.
- 40mm horizontal movement. The blade will cut the rubber pad evenly, longer working life

150Mtr.1800MM-Five layer corrugated cardboard production line

STACKER UNIT



150Mtr.1800MM-Five layer corrugated cardboard production line

AUTOMATIC FOLDER GLUER WITH STICHER



Machine parameters:

Suitable for 3, 5, layers single piece box

Stitching distance: 50-90mm

Stitching speed: 1000-1200stitches/min

Automatic feeding, folding, correction, stitching, counting, stacking and output

The correction and stitching of carton box are of servo control

Stitching angle: 45 degree

Single stitch, double stitch can be altered freely, No. 17 and No. 18 wire are used.

Dimension: 3500X1500MM Max. Cardboard: 1200X2400MM

Min. Cardboard: 300X1000MM

Total –Power:- 23 KW



NATRAJ CORRUGATING MACHINERY CO.

Excellence in Automatic Corrugated Box Making Machinery

150Mtr.1800MM-Five layer corrugated cardboard production line

AUTOMATIC BUNDLING MACHINE



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TERMS & CONDITIONS

1. Prices: The above mention prices are Ex port Mumbai, packing forwarding, Insurance and other taxes will be taken Extra .Prices will be calculated as per USD as on date of order/Booking/Dealing.
2. Taxes: GST as applicable at the time of dispatch, shall be Charged.
3. Payment: 45% required along with the order, and the balance shall be payable along with before the machine is dispatched to the desired destination.
4. Advance: Advance neither refundable nor adjustable against any of our products.
5. Guarantee: 1 year service Guarantee against manufacturing and defects in the machine (Not for electrical items).
6. Erection: Installation Charges extra. Traveling /boarding and lodging to buyers account in Advance.
7. Packing &Insurance: 2% on invoice price for gunny packing and 10 % for wooden packing.
8. Delivery: 3 Months approx. (Working Days). after confirmation with purchase order.

9. Bank –Details:- NIT-FARIDABAD HARAYANA-INDIA

10. Ben. Acc. Name : Natraj Corrugating Machinery Company

11. Bank Name : AXIS Bank LTD.

12. Acc. No. : 915030047875409

13. IFSC - UTIB0000348

Note – If the prices of raw material/US.DOLLAR/custom duty/taxes/CESS/GST or any legal and international laws of import are increased exorbitantly. Either by the government or private sectors, the proportionate increase shall have its effect at the time of dispatch.

(As above pictures just for reference-as can change without prior notice & specification of machinery also change for research and development- If Payment is delayed then 24% PA interest will be charged.

No credit facility available. If credit availed, And Payment is delayed then 24% PA interest will be charged

THANKS

FOR Natraj Corrugating Machinery Co.

Rishi Nagpal (09810275497)

Proprietor

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