

Hi-Tech MACHINERY

where the quality rise...

- Carton Making Machinery
- Paper & Cardboard Lab Testing Equipment
- Installation Management Services

Hi-Tech MACHINERY Where the Quality Rise...

Company Profile

We have been working since 1976 with the investment in the Packaging business and providing our customers best quality cartons for the past 40 years. We have 3 Major Exhibition Participation in Pakistan major Printing & Packaging Exhibition like 3P2011 Lahore, Printpak2014 Lahore, PrintPak 2015 Karachi. We attend Several Exhibitions every year in all over the world to bring cutting edge new technology in our market to increase our customer confidence to compete with other nations of the world to increase Export of Pakistan Packaging Industry.

After getting experience in Packaging business in 2011 we introduced high quality, economical, easy to operate Cartons Machinery in Pakistan, which can minimize the manufacturing expenses for the future requirements in emerging markets of Pakistan.

Hi-Tech Machinery offers imports from worldwide sources, processing and packaging machines and complete line of New & Used Cardboard Production Line, Cartons making machinery, Cardboard paper lab testing equipment, etc.

Hi-Tech Machinery is a name synonymous with innovation and trust. We have been serving our customers by remaining on the cutting edge technology for several years. We strive to better understand our customers' needs and thus to create extra value of them. Technological advancement and new product introduce in market.

We provide not only machine equipment in superior price, performance ratio, low running cost, but also offer how to make innovations and cost reduction to compete in market.

We have Experienced Technical Staff to support our several esteemed customers 24/7 all over Pakistan.

Our Products

New & Used 3/5 Ply Corrugated Production Line
Finger Type & High Speed Fingerless Single Facer
Hydraulic & Electrical Mill Roll Stand
Single Sheet / Paper Cutter
Pasting & Gluing Machine
Scoring Slitting Machines
Thin Blade Rotary Slitter On-line/Off-line
High Speed 1/2/3/4 Colour Printer Slotter with Die Cutting
Rotary Slotter
Rotary Die Cutting / Flat Die Cutting
Auto & Semi-Auto Carton Folder Gluer
Auto & Semi-Auto Laminator
Automatic Carton Bundling Machine
Manual & Auto Stitching Machines
Cardboard Clapboard Honey Comb Cutting Machines
Single Facer Corrugated Roller
Thin Blades & Grinding Wheels
Paper & Cardboard Lab Test Equipment & Spare Parts

Hi-Tech
MACHINERY
Where the Quality Rise...

CORRUGATED CARDBOARD PRODUCTION LINE



Corrugated Cardboard Production Line is the professional equipment for producing corrugated cardboard. The 3ply, 5ply, 7ply and multi-function corrugated cardboard production line mainly consist of the following equipment: Mill Roll Stand, surface paper (core-paper) pre-heater. Single facer, Conveying Span Bridge. Glue Application Machine, Double Facer. Slitter Scorer, Cut-off, Conveyer and Stacker. Heating System. Air compression system and Glue Making System and etc. The 3ply, 5ply, 7ply and multi-function corrugated cardboard production line has high middle and low grade with different-specification and different-quality equipment. On the base of understanding the requirements of the customers and the advanced skills at home and abroad, our company deals in these production lines with the speed of 100-220m/min; the paper width 1600-2200mm and four fluting UV type A,B,C and E for all the customers to choose from.

Specifications for Corrugated Cardboard Production Line

Models	Maximum Machine Speed	Economical Production speed	Maximum width of Paper
WJ100-1600	100m/min	60-80m/min	1600mm
WJ100-1800	100m/min	60-80m/min	1800mm
WJ120-1600	120m/min	70-100m/min	1600mm
WJ120-1800	120m/min	70-100m/min	1800mm
WJ120-2000	120m/min	70-100m/min	2000mm
WJ150-1800	150m/min	80-120m/min	1800mm
WJ150-2000	150m/min	80-120m/min	2000mm
WJ150-2200	150m/min	80-120m/min	2200mm

Models	Maximum Machine Speed	Economical Production speed	Maximum width of Paper
WJ180-1600	180m/min	120-150m/min	1600mm
WJ180-1800	180m/min	120-150m/min	1800mm
WJ180-2000	180m/min	120-150m/min	2000mm
WJ180-2200	180m/min	120-150m/min	2200mm
WJ220-1600	220m/min	140-180m/min	1600mm
WJ220-1800	220m/min	140-180m/min	1800mm
WJ220-2000	220m/min	140-180m/min	2000mm
WJ220-2200	220m/min	140-180m/min	2200mm

122-A, Bhangoria Town, Block-2 Federal-B, Area, Karachi-75950, Pakistan Tel: (+9221) 36371403 / 36371548
Email: info@cartonsmachinery.com Web: www.cartonsmachinery.com

Hi-Tech MACHINERY Where the Quality Rise...

Fingerless Single Facer



Design Speed: 80m/min
Effective width: 1400mm-2200mm
Corrugated Roller: φ280mm
Drive reducer box with oil immersed type lubricating to reduce noise to keep running stable. Adopt gimbal transmission separate power.
Corrugating roller, pressure roller and glue roller are pneumatic adjustment.

Cardboard transmits adopt vacuum suction method with wind control system keep flute profiles stable of the lower-roller in the condition of running up.

Bearing of corrugated and pressure roller adopt high temperature lubricate grease. Glue parts supply glue circularly and automatically.

The upper-lower corrugating rollers are made of 48CrMo High Quality Alloy steel, after heat-treatment the hardness become HRC58°-60°, the surface is grinded. The glue parts surfaces are treated by special mesh snicked and chrome plated motorized or manual glue width dividing to match the paper width. Glue part can be run independently or non-independently while is in stopped position, adopts main motor.



Single Facer/Corrugation

1. Rotary Stand
2. Corrugated Cardboard Molding Machine
3. Rotary Cutter

This machine is high efficiency batch adjustable.
This Production line semi-automatic machine and consist on:
Rotary Stand, Corrugating Cardboard Molding Machine & Rotary Cutter, using web as material can continuously produce and cut specification single corrugating paper which necessary. It has advanced producing flow, high efficiency, strong batch adjustability, good work condition etc. It is the ideal equipment of the middle, small style carton factory to proceeding the technique.

Type	1600	Applicable Paper Width	1600mm	Max. Speed	50m/min
Flute types	UV/A, B, C, D, E	Total Power of Motor	5.0kw	Energy cost (Electric Heating)	46 kw
Economy speed	20-40m/min	Heating Fashion	Electricity, Liquid gas, Oil	The Total Weight of Machine	About7000kg

Hi-Tech MACHINERY Where the Quality Rise...

Electrical Mill Roll Stand



Electric pulling up and down base paper and with overload protecting system.
* Electric pod tensing, loosing, centering and equipped with overload protecting system.
* Hand adjustment for base paper tension (with pneumatic adjustment for choice).
* Max. Diameter of paper cylinder: 1300mm.
* Valid Breadth: 1600-2200mm.





Paper / Sheet Cutter

Single Cutter can cut corrugated cardboard vertically and horizontally. It changes order fast with high cutting precision. Working speed is fast. This machine suits for the top Grade Color Printing Machines because of its good cutting.

This Machine adopts PLC touch screen to design through it operator motor. All the production status adopts variable frequency motor to adjust the speed of servo control, which makes the cutting length more exactly. The cutting precision is perfect (Error±1,5mm)

Parameter	Unit	Specification		
Max. Cutting Width	mm	1300	1700	2000
Cut Length Range	mm	390-2400	390-2400	390-2400
Cut Paper Time	mm	20-120	20-120	20-120
Cut Thickness	mm	2	2	2
Confect Electric machine	mm	4.0	4.0	4.0
Work speed	mm	0-70	0-70	0-70
Figure dimension	mm	2100*2100*1450	2100*2100*1450	2100*2100*1450
Error	mm	±3	±3	±3

Hi-Tech MACHINERY



Pasting & Gluing Machine

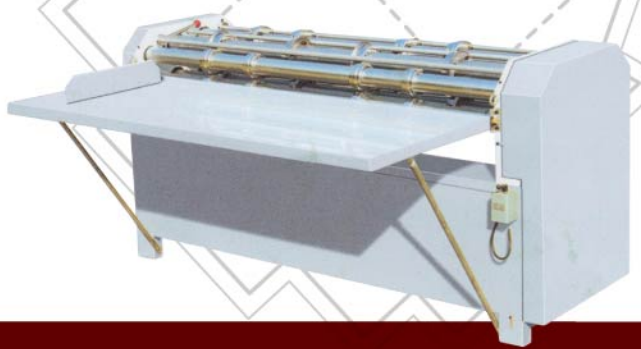
Specifications:
This is a kind of gum mounting used to produce every kind of corrugated paperboard, this machine can mount the gum on the single and double sides of the corrugated paper with plank paper into the corrugated paperboard, the machine has chosen the superior quality seamless steel pipe as its material and has the characteristics such as wear resisting,long life and so on.

Model	Passing paper size	Paper thickness	Speed	Machine Size
1600	1600mm	18mm	80m/min	2200×400×1500
1800	1800mm	18mm	80m/min	2400×400×1500
2000	2000mm	18mm	80m/min	2600×400×1500
2200	2200mm	18mm	80m/min	2800×400×1500
2500	2500mm	18mm	80m/min	3100×400×1500

Scoring Machine

Specifications:
This machine is a kind of productive equipment with an integral whole process to separately slice the corrugated paperboard and roll the quality seamless steel pipe and has the advantages such as wear-persisting, long using life and so on. The mold of the machine can be made for three times of rolling the line and two times of prepared pressing, and it is applicable to the high-middle –low scaled paperboard for rolling the line.

Model	2000	2500	3000
Max.production speed (M/min)	100	100	100
Max.feeding size(mm)	2000	2500	3000
Motor power(kw)	1.1	1.1	1.5
Outer dimension(L×W×H) (mm)	1385×2550×1110	1385×3050×1110	1385×3550×1110
Weight(kg)	1000	1200	



Four-Knives Slotting Machine

Specifications:
Easy operation, simply structure, Easy maintenance, Durable and economic Making slot on carton manually, Four-knife linkage ensures long service time.Simply structure, easy operating, easy maintaining, easy repairing

Max.Grooving depth	Max. Paper length	Power	Overall Dimension
425mm	2000mm	2.2kw	3105X1280X1515mm



Hi-Tech MACHINERY Where the Quality Rise...

Semi Auto 1/2/3/4 Color Printer Slotter

This is for printing, cut corner, Slotter slittering, and cut edge.
Adopt semi-automatic Chain plate feeding.
Guide ink system adopts high quality net roller pneumatic supply inks. Pneumatic edition.
Transfer system adopted no-clearance cooperation, insure the color quality.
Whole machine focuses to supply the lube, improve the age and reduce the noise.
This machine is available in single, double, three & four colors. This machine adopts electrical, moving, pneumatic lock close & efficient in work.
Color error: Two color ±0.5mm. Three color±0.75mm, Four color ±1mm



Model	2000	2200	2400	2600
Max. Board size	1270×2200	1270×2400	1270×2600	1270×2800
Max. Print width	1270×2000	1270×2200	1270×2400	1270×2600
Thickness of rubber	6MM			
Work speed	0-60 pcs / min			
Max. Slotter deepness	350mm			

Semi Auto 1/2/3/4 Color Printer Die Cutting with Slotter



Hi-Tech MACHINERY







Lead Edge Auto 3/4 Color Printer Slotter & Die-Cutting Machine

Specifications:

Designed according to the high request and the reliable function, the operation of the machine is humanization, can accomplish the setting, revision, implement, replacing and memories function in a short time, and display with an exact data.

All the drive rollers adopted high quality steel materials, hard chromium plating and the surface treated by lapping finish. The drive gears adopt high quality alloy steel, after heat treatment and lapping finish.

The main drive roller adopts keyless connect, decrease the connection gap, and guarantee the printing precision.

Lubricate oil automatic balance device: keep the equal oil level in each unit.

The machine adopts PLC control, with “automatic zero returns” and “memories" function.

Use sun feeder for feed the cardboard.

Customer can choose: Steel Anilox roller or Ceramic roller, the lines of the anilox roller so can be choose according to the customer.

Parameter		Unit	Model				
			1800	2000	2200	2200	2400
Max. speed		Pcs/min	150	150	150	150	150
Economic Printing Speed		Pcs/min	120	120	120	120	120
Max. Size of Paperboard		mm	1950×2000	950×2200	950×2400	1300×2400	1300×2600
Min. Space of Slotting	Obverse	mm	140×140×140×140			150×150×150×150	
	Peverse	mm	260×60×260×60			260×60×260×60	
Min. Size of Paperboard		mm	260×500	260×500	260×500	350×800	350×800
Max. Depth of Slot		mm	240	240	240	300	300
Skip Feed Size		mm	1200×2000	1200×2200	21200×2400	1500×2400	1500×2600
Max. Printing Area		mm	950×1800	950×2000	21200×2400	1500×2400	1500×2600
Thickness of Printing plate		mm	7.2	7.2	7.2	7.2	7.2

Hi-Tech MACHINERY Where the Quality Rise...



Semi Auto 1/2/3/4 Colour Printer Slotter

Specifications:
Paper-feeding: Chain-paper pushing feeding.

Printing: Opening grooving by special implement, adjusting organization adopt plant gear manufacture, working, stopping machine tense, they can powered by special implement freely. The percent of exactly is 0.2mm graduated disc shows.

This is opening grooving machine,Leaving & Closing adjustments mechanism is electric powered. Pneumatic lock tight, leaving each the offer looking tight, printing opening grooving does not appear mistake. It has a warning bell for safety operation.

Pneumatic lift board: Pneumatic ink and it has automatic inking system, it prevents the machine to stop immediately. When stopping, the ink gets dry to effect printing affection and so on.

Gear moving adjustment: Fixing gear movement, the area connects flat. The gear moving function is good.

Model	Paper Feeding Size	Printing Area	Working Speed (Pcs.\Min)	Max. Thickness of Board(mm)	Electrical Power
480x1800	1447x2000	1447x1800	0-60	3-10	5.5kw
480x2000	1447x2400	1447x2000	0-60	3-10	5.5kw
480x2400	1447x2600	1447x2400	0-60	3-10	5.5kw
480x2600	1447x2800	1447x2600	0-60	3-10	5.5kw

Hi-Tech MACHINERY



Rotary Slotter

Specifications:
This is Electrical Rotary Slotter. This machine moves mutually. Slicing the Cape opens the slot knife can 360o share positive, turn over, the week faces the adjustment, having hand falter adjust, very convenient, and lock tight and dependable, open the slot accurate, should adjust function design, tightly packed through long enduring.

Open slot knife 360o share positive and turn over the adjustment, adopting the electrical engineering the tiny adjusting the device, operating very convenient, and adjust the size accurate, lock tight and dependable, open the slot accurate.

Parameter Name	Max.Cardboard							
Style	2000	2200	2400	2600	2000	2200	2400	2600
Board Area (Mm)	1200X2000	1200X2200	1200X2400	1200X2600	1450X2000	1450X2200	1450X2400	1450X2600
Max Slot Thickness (Mm)	300	300	300	300	350	350	350	350
Slot Width (Mm)	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
Min. Slot Space Positive Reamer(Mm)	120	120	120	120	150	150	150	150
Slot Speed (Pieces/Min)	0-70	0-70	0-70	0-70	0-70	0-70	0-70	0-70

Rotary Slotter

Specifications:
This Manual adjustment series machine cents paper roll the line slice the cape open the slot machine, sing to slice the tile corrugated carton semi-finished product to Cape to open the slot, roll the line and slice side several works preface match to synthesize for the integral whole the set produces the equipment. The main characteristics are a carton that handicraft feed to anticipate.



Parameter Name	Max.Cardboard							
Style	2000	2200	2400	2600	2000	2200	2400	2600
Board Area (Mm)	1200X2000	1200X2200	1200X2400	1200X2600	1450X2000	1450X2200	1450X2400	1450X2600
Max Slot Thickness (Mm)	300	300	300	300	350	350	350	350
Slot Width (Mm)	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
Min. Slot Space Positive Reamer(Mm)	120	120	120	120	150	150	150	150
Slot Speed (Pieces/Min)	0-70	0-70	0-70	0-70	0-70	0-70	0-70	0-70

Hi-Tech MACHINERY





Rotary Roller Die-Cutting Machine

Specifications:
Rotary Roller Die-Cutting Machine, applicable to all kinds of Die-Cutting and various special-shaped corrugated cardboard packaging. It has high efficiency, energy saving and safety features.

FlatbedDie Cutting Machine

Specifications:
Sliding bearing use of high-quality casting of copper alloy weardamping TheflywheelTorque large pressure shears airframe adopt high quality materials integrally casting strength and good rigidity.

Monolithic electromagnetic clutch sensitive reliable a monolithic continuous pressure, cut open and three functions, delay time can be adjusted.

Operating altitude design is reasonable, crushing open angle.

Concentrated lubrication system ensures good lubricationreduce wear.

Safety and protection system is reliable.



Model	Max. creasing Area	Working speed	Motor	Overall Dimension (L×W×H)
930×670mm	23±2(strokes/min)	25m	3.0kw	1670×1670×1630mm
1100×800mm	20±2(strokes/min)	＜32m	4.0kw	1900×1780×1700mm
1200×8300mm	20±2(strokes/min)	＜35m	4.0kw	1920×2140×1920mm
1300×920mm	18±2(strokes/min)	＜40m	5.5kw	2000×2140×2000mm
1400×1000mm	17±2(strokes/min)	＜45m	5.5kw	2010×2400×1930mm
1500×1050mm	16±2(strokes/min)	＜45m	5.5kw	2010×2400×1930mm
1600×1250mm	16±2(strokes/min)	＜50m	11kw	2170×2560×2230mm
1800×1300mm	16±2(strokes/min)	＜62m	15kw	2240×2800×2130mm

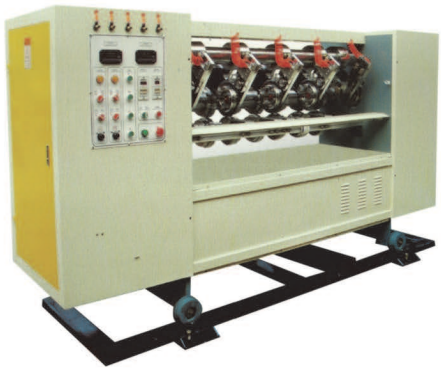
Hi-Tech MACHINERY
Where the Quality Rise...

Thin Blade Slitter Scorer



Characteristic:

Adopt front-scoring feeding; back double rubber roll leading paper, paperboard running steady. Slitting Part: adopt high quality tungsten steel blade, sharp and long work-life, slice more tidy, non-pressing and non-burr. Scoring Part adopts 5 points scoring, scoring distance in-phase adjust, blazonry and easy to bend the carton sheet. Grinding Part: Adopts automatic and manual two kinds pneumatic grinding type, it could be grinding when working, improve work efficiency. Electric control lift-down and correct error, easy to operate, suit for different requirements. Adopt China famous brand or imported electric element, dependable performance.



Thin Blade Slitter Scorer (Moving Type)

Slitting Part: Adopts high quality tungsten steel blade, sharp and long work-life, slice more tidy, non-pressing and non-burr. Scoring Part: Adopts 5 points scoring, scoring distance in-phase adjust, blazonry and easy to bend the carton sheet. Grinding Part: Adopts automatic and manual two kinds pneumatic grinding type, it could be grinding when working improve work efficiency. Electric Control lift-down and correct error, easy to operate, suits for different requirements. Adopts China famous brand or imported electric element, dependable performance. Adopts synchronous belt drive, low noisy and work steady. Max Running Speed for Production line: 100~120 m/Min.

Specification:

Model:	2000	2300	2600
Machine Dimension (mm)	3200 x 1100 x 2200	3500 x 1100 x 2200	3800 x 1100 x 2200
Power (KW)	7.6	7.6	7.6
Max slitting width (mm) Inverse blade	1900	2200	2500
Max slitting width (mm) Positive blade	1800	2100	2400
Max slitting width (mm) Inverse blade	305		
Max slitting width (mm) Positive blade	140		
Max scoring width (mm) Inverse blade	30		
Max scoring width (mm) Positive blade	80		
Scoring height (mm)	0-10		
Blade (mm)	200 x 122 x 1.5		
Blade & Scoring Composed type	Three blade Four blade Six Scoring/Five Blades Eight scoring		

122-A, Bhangoria Town, Block-2 Federal 'B' Area, Karachi-75950, Pakistan. Tel : (+9221) 36371403 | 36371548
E-mail : info@cartonsmachinery.com Web: www.cartonsmachinery.com

Hi-Tech MACHINERY

Cartons Stitching Machine

This Machine is for stitching of single and double wall corrugated cardboard. The machine is formed by cast iron basis and the arm with stitching head. Electric parts are located on the bottom part of the machine and are very simple. The machine is operated by foot pedal.

Model	Stapling Speed	Stapling Thickness	Length of the Holding arm	Exterior dimension
600	250/min	3, 5 layers	600mm	1100×600×1760
900	250/min	3, 5, 7 layers	900mm	1400×600×1760
1200	250/min	3, 5, 7 layers	1200mm	1700×700×1820
1400	250/min	3, 5, 7 layers	1400mm	1900×700×1820
1600	250/min	3, 5, 7 layers	1600mm	2100×700×1820
1800	250/min	3, 5, 7 layers	1800mm	2300×700×1820





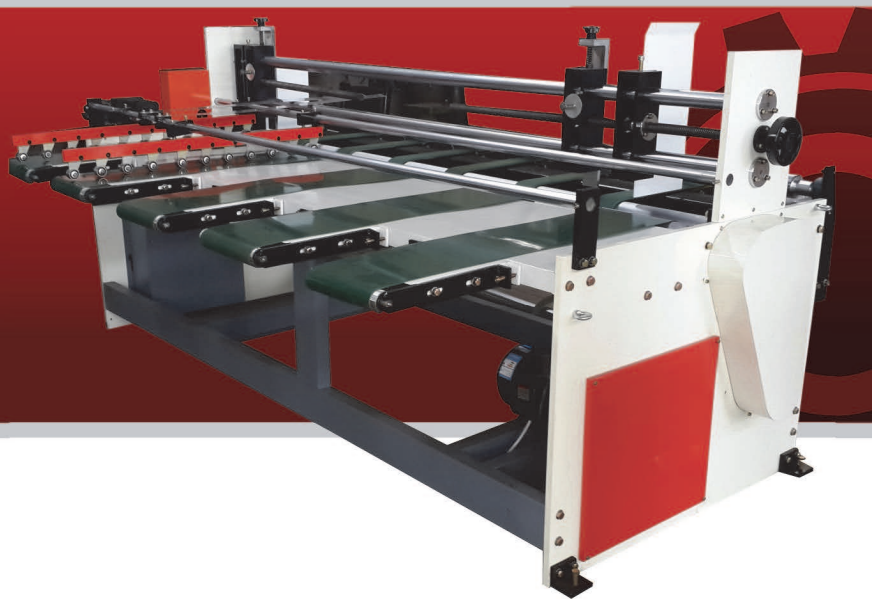
H-Series Cartons Stitching Machine

Specifications:
This Machine is for stitching of single and double wall corrugated cardboard. The machine is formed by cast iron basis and the arm with stitching head. Electric parts are located on the bottom part of the machine and are very simple. The machine is operated by foot pedal.

Models	Screw Model	Engine kw	Weight Kg
55"	Double Slanted 45°	0.37	530
48"	Double Slanted 45	0.37	530
36"	Double Slanted 45	0.37	530

Hi-Tech
MACHINERY
Where the Quality Rise...

Automatic Feeder



Specifications:

Automatic sheet feeder for chain feeding Flexo printer can be installed with chain feeder to upgrade manual feeding to auto.

- The sheet size can be adjusted by screw adjusting device. Only need one operator. Operation is easy and fast.
- Feeding table is convenient and adjustable, is suitable for many kinds of paperboard. The feeding is precise.
- Conveying belts are made of high quality rubber, big friction, long service life, low noise, maintenance is easy, economical.
- Dual tension control system, stable and convenient.
- Transmission shafts are empathic to increase the friction to ensure feeding smooth and fast.
- Equipped with electromagnetic clutch brake device.
- High quality electric components ensure running stable

Parameter

Available width of machine	1600 ~ 3000mm
Production speed	0-60 sheets/min
Max. sheet size	1500~2900mm
Min. sheet size	300mm

122-A, Bhangoria Town, Block-2 Federal 'B' Area, Karachi-75950, Pakistan. Tel : (+9221) 36371403 | 36371548
E-mail : info@cartonsmachinery.com Web: www.cartonsmachinery.com

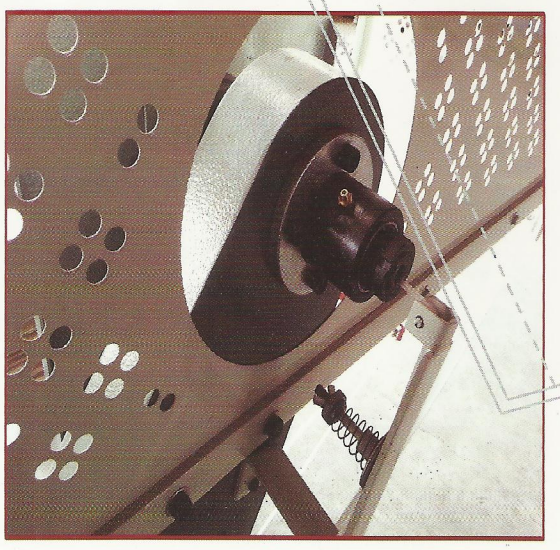
Hi-Tech
MACHINERY
Where the Quality Rise...

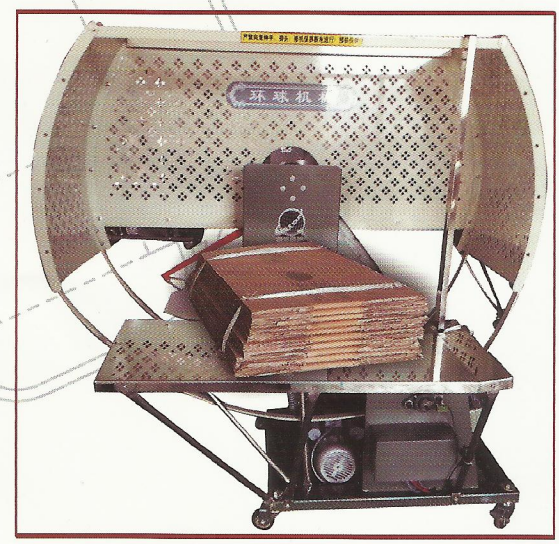
Auto Bundling & Strapping Machine



Usage and Characteristic:

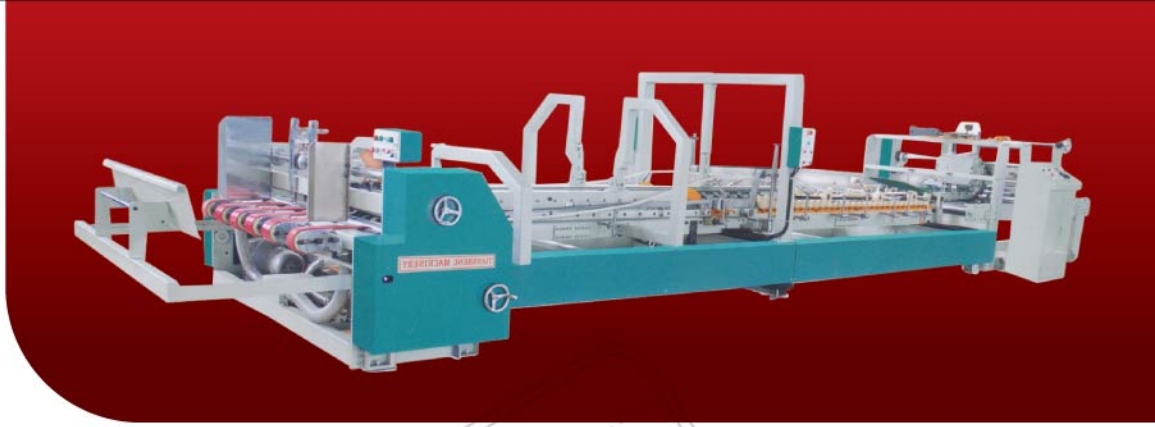
1. PE automatic strapping machine mainly used in the field of carton corrugated paper, paper-box ,color box and color printing industry, replace the procedure of strapping by hand, reduce labor cost largely, this machine only need one person to operate.
2. Suitable usages: strapping the carton, corrugated paper, paperboard, paperboard the big size material etc., as well as newspaper, book, and clothes.
3. Quick speeds, save the labor, save time and easy to operate.
4. High efficiency: economical, reduce the packing cost to create the profit
5 Adopt electronic (or mechanic) controls, the function is steady, power is small, only need 3kilo-watt for 1 day work.





122-A, Bhangoria Town, Block-2 Federal 'B' Area, Karachi-75950, Pakistan. Tel : (+9221) 36371403 | 36371548
E-mail : info@cartonsmachinery.com Web: www.cartonsmachinery.com

Hi-Tech MACHINERY

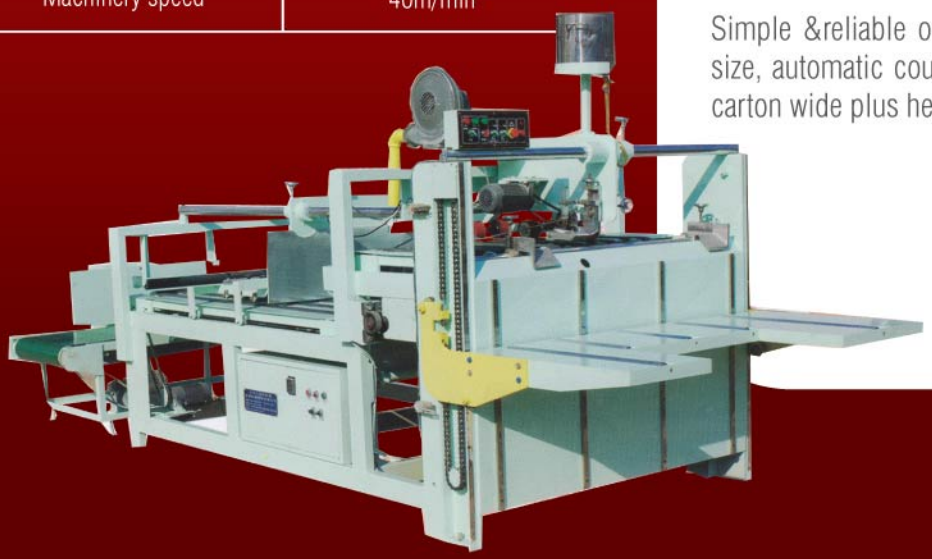


Automatic Folder Gluer

Specifications:
Automatically finish the top folding and middle folding, meanwhile finish the glue belt stick of the upper and down part, save labor and time.Suitable range is wide, can be used in different size of carton andconvenient to adjust.This machine work steadily and reliable, the effect is firm and good looking. Easy to operate and maintain. Automatic amend the carton right-angle degree.

Model	2000	2400	2800
Max.Cardboard	1000*2000mm	1000*2400mm	1200*2400mm
Mini.Cardboard	260*600mm	300*700mm	300*700mm
Installation area	2400*13500mm	2800*15300mm	2800*15300mm
Power Required	6.5kw	8.0kw	8.0kw

Parameter Specification	2460
Max size (Length + Width)*2	2460mm
Max size (Length + Width)*2	40mm
Max size (Length + Width)*2	1515mm
Max size (Length + Width)*2	240mm
Paper height	900mm
Engine power	2.2kw
Machinery speed	40m/min

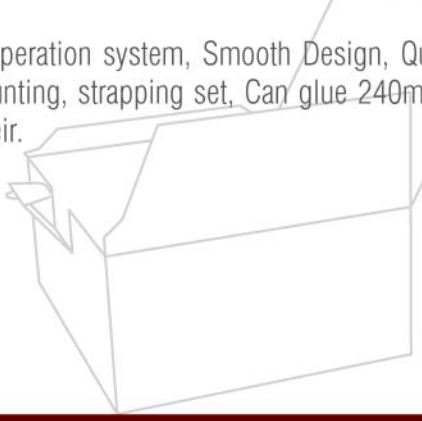


Semi-Automatic Gluer

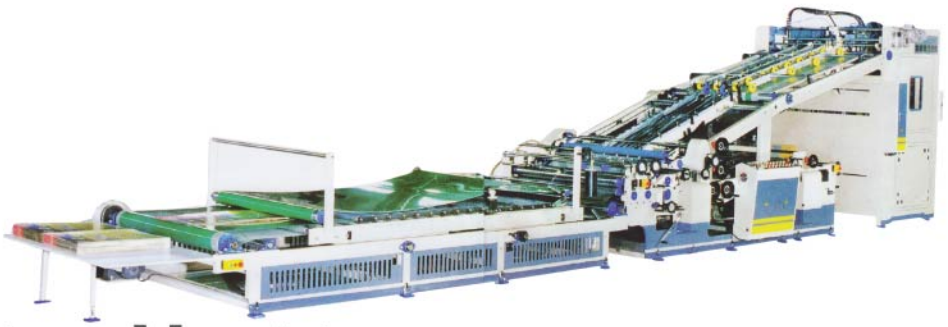
Semi-automatic gluer is new-type environmental equipment, mainly used in carton sticking, abandon the traditional copper stapling method, raised the productivity, and the product quality is good.

Main machine frame: machine frame, ascend and descend worktable, front part convey equipment, front part amending equipment, middle part convey equipment, middle part press together equipment, finished product side output equipment, electrical controlling equipment.

Simple &reliable operation system, Smooth Design, Quick change of size, automatic counting, strapping set, Can glue 240mmor so for the carton wide plus heir.



Hi-Tech MACHINERY

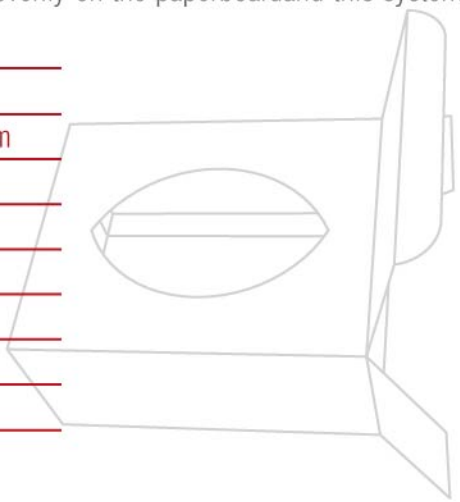


Automatic Pasting Machine

This type Automatic pasting is the fourth-generation product of back push style. The machine has advantage of easy operation, convenient maintenance, high speed, low noise, and high accuracy. It will help to gain the power in market. The parts and electrical components are from Japan and Germany, This machine long life.

Adopt the high-tech control system; supply the glue by automatic when the machine is working position. Match with the recyclable gluing system, glue quantity can adjust according to the paperboard quality, it makes glue evenly on the paperboardand this system ensures glue saving with better pasting quality.

Name	1300	1450	1600
Maximum Size(W×L)	1300×1100mm	1450×1100mm	1600×1400mm
minimum Size(W×L)	350×350mm	350×350mm	450×450mm
laminate precision	≤±1.5mm	≤±1.5mm	≤±1.5mm
Speed	6000Sheet/h	6000Sheet/h	6000Sheet/h
Total power	12kw	12kw	13kw
Length	12.5m	12.5m	15m
Total weight	6.8T	7.2T	8.0T





Semi-Auto Pasting Machine

Specifications:
This machine has adsorbing wind belt transmission function and settles the problem of corrugating paper arch and hold up. Adopt bottom paper pushing feeding paper, exact orientation, convenience stable, high speed, low noise. Ensure the machine capability stable and reliable, users can adopt two jointing function of in-phase and front according to the production requirements

Model	1300	1450
Max. size of cover face	1300×1100mm	1400×1100mm
Min. size of cover face	360×360mm	360×360mm
Machinery speed	0-45m/min	0-45m/min
Whole machine weight	10.66×1.98×1.26mm	10.66×2.23×1.26mm
Total power	4.3kw	4.3kw
Tissue request clip paper	≥200g/m2	≥200g/m2
Bottom paper request dip paper	≥250g/m2	≥250g/m2

Hi-Tech MACHINERY

Clapboard Making Machine

The automatic cutting cardboard machine is one of Corrugated cardboard machine produced by it integrates advantages of foreign and domestic similar products having advanced technology from former equipment, The working position adopts the method that turning arm structure drives slot pushing cardboard moving in front and behind. The machine has advantages in new and original outward appearance, clean edges with no flaking sings, stable quality and long life-span, the machine is well received by customers after used for a long time, it is advanced equipment for your need. It has a long service of life.



Range of Processing Paper	Max:900-400mm Min:80-100mm
Min Slotting Distance	45mm
Width of Slotting	3-7mm
Speed	100-170/min
Weight	450kg
Overall Dimensions	1550mm×1350mm×1220mm

Automatic Cartons Strapping Machine



Auto strapping machine mainly use in the field of Packaging, Corrugated paper, paper box, color box and color printing industry, replaces the procedure of strapping by hand, reducelaborcost too much, this machine only need one person to operate.

Suitable Usage: Strapping the carton. Corrugated paper paperboard the big size material etc. As well as newspaper, Book and clothes.

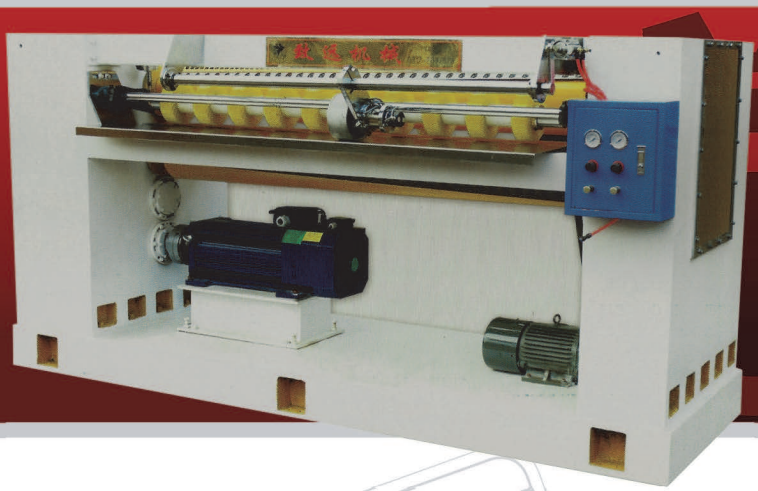
Quick speed: save the labor. Save time and easy to operate.

High efficiency, Economical, Reduce the packing cost to create the profit.

Adopt electronic control, the function is steady, power consumption is minimum. Only need 3 kilo-watt for 1 day work. Strong & durable, easy amend.

Hi-Tech
MACHINERY
Where the Quality Rise...

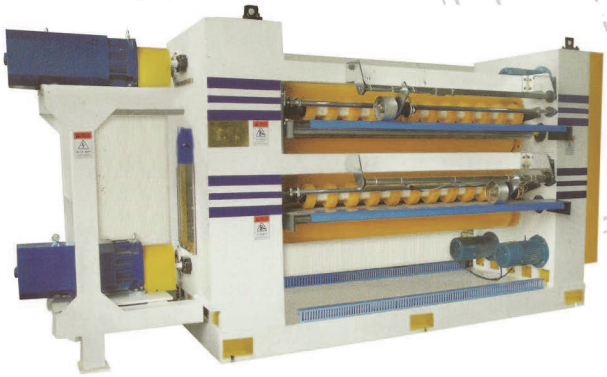
Automatic High Speed NC Cutoff Single Blade (Straight Blade / Spiral Blade)



Function Characteristic:

Fixed-length color code tracing cut, automatically change order or select change order. Permanent magnet synchronous AC servo controller, high precision, efficiency and reliability. Paper inverter control, synchronous with production line speed Colorful touch screen plate, computer operation monitor, easy operation and visual monitor. Perfect order management and operation monitoring, can be linked to production management system.

Specifications:
Cutting precision: ± 0.5 mm
Cutting length: 400~9999mm
Cutting speed: 120,150,180, 200 m/min
Cutting width: 1400, 1600, 1800, 2000, 2200mm
Knife cutting speed: 80~150 m/min



Automatic High Speed NC Cut-off Double Blade (Straight Blade / Spiral Blade)

Adopt rotary blade cutting type, double blades up and down insured, can produce two card boards with different length. Man-machine interface, colorful screen display for production information, Can read, amend, append, and cancel. The precise adjustable gapless gear ensures accurate mesh, running balance, high precise and less noise. Cutting length: 400mm~9999mm, Maximum machine speed: 220m/min Cutting width: 1400, 1600, 1800, 2000, 2200mm Knife cutting speed: 80~150 m/min.

Specifications:
Cutting precision: ± 0.5 mm
Cutting length: 400~9999mm
Cutting speed: 120,150,180, 200 m/min
Cutting width: 1400, 1600, 1800, 2000, 2200mm
Knife cutting speed: 80~150 m/min

122-A, Bhangoria Town, Block-2 Federal 'B' Area, Karachi-75950, Pakistan. Tel : (+9221) 36371403 | 36371548
E-mail : info@cartonsmachinery.com Web: www.cartonsmachinery.com

Hi-Tech
MACHINERY
Where the Quality Rise...

CORRUGATED ROLLER FOR SINGLE FACER



The upper and lower Corrugated (Corrugating Flute) Roller for Single Facer machine made of high quality alloy steel with hard treatment by laser.It's made by high precision CNC corrugated roll grinding machine. It is treated by special corrugated roll surface treated technology and hardness is very high quality standard. The surface is well treated by grind and plated chrome. Different type of flute according to user's request. High-speed corrugated roll with big diameter. The maximum working speed is 300m/min.

Specification of Corrugated Rollers:
1.Diameter:Φ200~380mm
2.Length: 1100~2200mm
3.Tooth Shape: U, V, UV
4.Tooth Height: 0.9 ~ 5.5 mm
5.Surface finishing: Nitrating surface, Surface laser, Surface Electroplate, Tungsten Carbide treatment.
6.Material: 42CrMo~50CrMo
7.Hardness: ≥ HRC55° ~ HRC60°

	A	C	B	C	D	E	F	G	OTHERS
Flute	UV	UV	UV	UV	UV	UV	UV	UV	Test Design
Corrugated Counts	34±2	38±2	44±2	50±2	66±3	90±10	124±10	185±12	Test Design
Corrugated Lengths	4.4-4.9	3.6-3.9	3.0-3.4	2.6-2.9	1.9-2.1	1.1-1.5	0.7-0.8	0.5-0.65	Test Design

More Types of Corrugated Roller
Laser Corrugated Roll

1. Surface hardness: above HRC60°
2. Character of laser quenching: For the same material, the metallographic structure is more refined. And it is more durable than the traditional quenching process.
3. It won't enlarge the surface crack. It is the best process to repair the old roller.
4. The depth distribution of the quenching layer is that the top of the tooth is thick and the side of the tooth is thin. It can effectively solve the problem that the main wearing part of the roller is the top of the tooth.

122-A, Bhangoria Town, Block-2 Federal-B, Area, Karachi-75950, Pakistan Tel: (+9221) 36371403 / 36371548
Email: info@cartonsmachinery.com Web: www.cartonsmachinery.com

Hi-Tech
MACHINERY
Where the Quality Rise...

TUNGSTEN CARBIDE BLADES

Tungsten Carbide TC Blade is highly effective products which impress in long-term use with precise and clean cutting edges. Circle Cutting Knife is available for various applications up to a diameter from 15mm to 420mm in diameter with a thickness range of 0.18mm to 20mm.



Application in a wide range including cigarette machinery, corrugated box packaging, paper core/tissue cutting, foam, fabric cutting, metal slitting, rubber, tire, plastic, medical, meat & poultry processing, wood working and many more. Regular stocks are always kept for fast delivery, besides we customize knives which are developed for special applications or new machines, exactly in accordance with the customer's drawing & requirements.

Available Sizes:

1. Outer Diameter 200mm x Inner Diameter 122mm
2. Outer Diameter 260mm x Inner Diameter 158mm



GRINDING WHEELS FOR THIN BLADE SLITTER SCORER MACHINE

This type grinding wheels was used to the thin blade slitter scorer Machine, It is a part tool to grind thin blade let it shape and smart.

Grinding wheels have two types:

1. Grinding Wheel for Common Blade like high speed steel blade.
2. Another one is for the Tungsten carbide Blade.

Due two different material blade equipped different grinding wheel to avoid blade damage and improve the lift time of blade.

122-A, Bhangoria Town, Block-2 Federal-B, Area, Karachi-75950, Pakistan Tel: (+9221) 36371403 / 36371548
Email: info@cartonsmachinery.com Web: www.cartonsmachinery.com

Hi-Tech
MACHINERY
Where the Quality Rise...

CARTON MAKING MACHINERY
LAB TESTING EQUIPMENT
INSTALLATION MANAGEMENT SERVICE

Paper & Cardboard Testing Equipment



GSM Sampler



Circular Sampler



Digital Electronic Pocket Scale



Digital Moisture Meter



Fast Paperboard Digital Moisture Meter



Digital Distance Meter



Digital Micrometer



Digital Vernier Caliper



Hygro Meter



Lab Balance Scale



Led Eye Glass



PH Meter



Pocket Scale 1 & 2



TDS Meter



Temperature Gun

122-A, Bhangoria Town, Block-2 Federal 'B' Area, Karachi-75950, Pakistan. Tel : (+9221) 36371403 | 36371548
E-mail : info@cartonsmachinery.com Web: www.cartonsmachinery.com

Hi-Tech MACHINERY
Where the Quality Rise...

DIGITAL POCKET SCALE 1



Description

Digital Weight Scale
Model 0.01 for Paper,
Jewelry, Grain, Textile & Etc.
Backlight LCD display simple
operation and easy to read Calibration on key enabled.
Leather Pouch
Power: 2 x AAA batteries
Size: 4.48 x 3 x 0.77 inches (114 x 76 x 19.5mm).
Weight: 116 g (4oz)
Size of Stainless Steel Pan: 2.87 x 2.56 inches (73 x 65mm)
Capacity: 2lb (1000g)
Detail up to 1/10 g
Automatic alarm by low battery
5 units selections: g / oz / ozt / dwt / ct.

DIGITAL POCKET SCALE 2



Description:

Accuracy to 0.1 gram
Accuracy for Oz to 0.005oz
Maximum capacity of
1000 grams
Tare function 3 minutes of auto power off
Operation temperature:10-30°C
LCD Display: 5bit LCD Display
Backlight: Blue backlight
Power: 2 x AAA battery (Not include)
Size: 114 x 76 x 19.5mm Weight: 145g

Package

1* 0.1- 1000g Digital Pocket Balance Weighting Mini Scale
1* Robust Plastic Case Cover
1* Leather Pouch
1* English Instruction Manual

QUANTITATIVE SAMPLER FOR PAPER & CARDBOARD TESTING

Usage

This machine is the dedicated sampling equipment for paper, cardboard, determination of water absorption and oil permeability degree standard specimen.



Specification

Sample Size	**¢125 mm**
Sampling Error	**± 0.2 mm**
Sample Thickness	**0.1~1.0 mm**
Environmental Condition	**Temperature: 20~40°c; Relative Humidity: < 85%**
Outside dimension (L×W×H)	**480×380×430 mm**
Weight	**25 Kg**
Design Criteria	**GB/T450; GB/T 5406; ASTM D646; JIS P8124; QB/T 1671**

122-A, Bhangoria Town, Block-2 Federal-B, Area, Karachi-75950, Pakistan Tel: (+9221) 36371403 / 36371548
Email: info@cartonsmachinery.com Web: www.cartonsmachinery.com

Hi-Tech
MACHINERY
Where the Quality Rise...

CORRUGATED BOX COMPRESSION & STACKING STRENGTH TESTER (BCT)



Application

Corrugated box compression and stacking tester is used to test compression strength and stacking strength of corrugated box, it can used to test small size carton, middle size carton,and large-scale box. It can also be used to test Honeycomb carton, paper pallet, paper tube, and so on.

Parameter

- Testing range: (25~5000) / (50~10000) (100~30000) N (100~50000) N (you can also choose others)
- Size choose: (600*400*600) mm/ (800*600*800) mm (800*800*1000) mm/ (1000*1000*1200) mm (1200*1200*1200) mm (you can also choose others)
- Accuracy: 0.1N
- Force Accuracy: Less than ±1%
- Deflection error: ≤±1mm
- Force testing range: 0.4%~100%FS
- Pressing plate balance: ≤1mm
- Testing speed: (10±3) mm/min Stacking: 5±1mm/min)
- Return speed: 90mm/min
- Unit: N/Lbf/Kgf interchange
- Control interface: Display with curve
- Printer: thermo- sensitive printer
- Working environment: (20±10°C),<85%
- Dimension: (L×b×h, mm): different with different size
- Weight: About 200~400 kg

122-A, Bhangoria Town, Block-2 Federal-B, Area, Karachi-75950, Pakistan Tel: (+9221) 36371403 / 36371548
Email: info@cartonsmachinery.com Web: www.cartonsmachinery.com

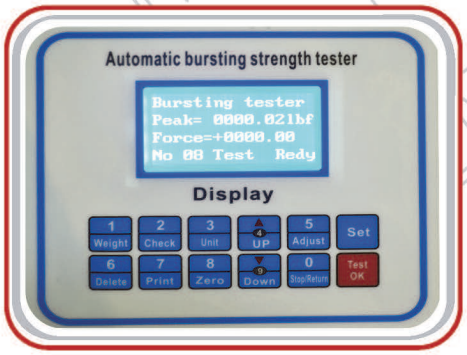
Hi-Tech
MACHINERY
Where the Quality Rise...

Bursting Strength Tester

BURSTING STRENGTH TESTER OF PAPER AND OTHER SHEET MATERIAL



Bursting Strength Tester Machine is applied to test bursting strength of paper and other sheet material. According to ISO 2758. This machine test material broke down, automatically retain maximum rupture strength value, indicating approach to digital type, capacity is 0~100kgf/cm2. They can be widely applicable to packaging materials, including the general paper, corrugated paper, toilet paper, wrapping paper, etc., Used in leather, cloth, packaging film, etc., can effective for product quality monitoring.







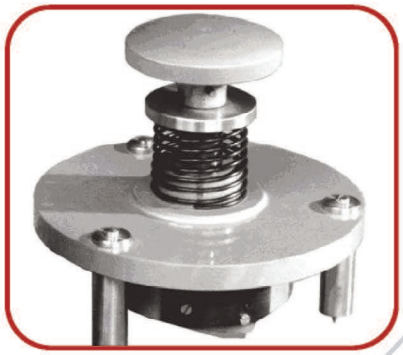
122-A, Bhangoria Town, Block-2 Federal 'B' Area, Karachi-75950, Pakistan. Tel : (+9221) 36371403 | 36371548
E-mail : info@cartonsmachinery.com Web: www.cartonsmachinery.com

Hi-Tech
MACHINERY
Where the Quality Rise...

Compression Strength Tester RCT/ECT/ FCT



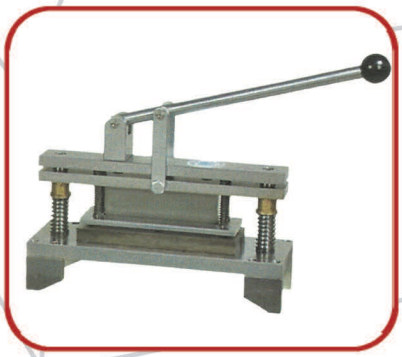
Compression Strength Tester machine is applied to RCT – Ring Crush Test, ECT – Edge Compression Test, FCT Test of paper and cardboard according to ISO 3035, ISO 3037, ISO 7263, GB/T 2679.6, GB/T 2679.8 GB/T 648, QB/T 1048, GB/T 6546.



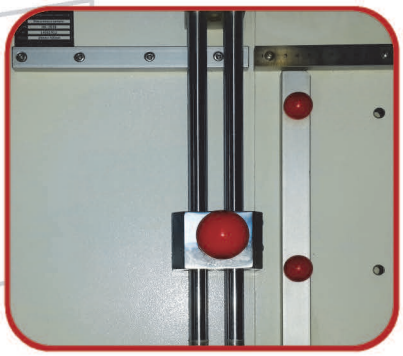
FCT SAMPLER



RCT DISC SET



RCT SAMPLER



ECT SAMPLER

122-A, Bhangoria Town, Block-2 Federal 'B' Area, Karachi-75950, Pakistan. Tel : (+9221) 36371403 | 36371548
E-mail : info@cartonsmachinery.com Web: www.cartonsmachinery.com

Hi-Tech
MACHINERY
Where the Quality Rise...

DIGITAL MOISTURE METER FOR PAPER & CARTON



Features:

- Its integrative design convenient to carry outside for testing.
- Digital display with back light gives exact and clearly reading although you stay at the somber conditions.
- It is small in size, light in weight easy to carry out for fieldwork if needed.
- Manual off at any time .Auto power off after 5 minutes from last operation.

Specification

- Display:4 digital LCD
- Measuring range:0~2%/0~50%
- Operating conditions:Temperature:0~60
- Humidity:5%~90%
- Resolution:0.1/0.01
- Accuracy: ± 0.5%n
- Power supply:9V battery (6F22)
- Dimensions:160mm×60mm×25mm
- Weight:203g (not including batteries)

DIGITAL 4 PINS WOOD MOISTURE METER



Specifications

- Digital Large Size LCD display
- Data Hold Function
- High Quality, High Precision, High Sensitivity, High resolution with quick response.
- Equipped with 4 steel pins for accurate sampling can change the testing sensor pins with plastic pack.
- Low battery indication with Auto-Power Off function
- Moisture level range : 5% to 40%
- Resolution: 1%
- Data hold (Memory Function)
- Symbol and unit display for easy illustration of data
- Power supply : 1 x 9V battery (Included)
- Item Dimension : 129 (L) x 63 (W) x 32 (D) mm (5.08' x 2.48' x 1.26' inch)
- Item Weight : 116g (Battery included)

122-A, Bhangoria Town, Block-2 Federal-B, Area, Karachi-75950, Pakistan Tel: (+9221) 36371403 / 36371548
Email: info@cartonsmachinery.com Web: www.cartonsmachinery.com

Hi-Tech
MACHINERY
Where the Quality Rise...



10X OPTICAL GLASS LED LIGHTED MAGNIFIER WITH MEASURE SCALE

Features:

High quality construction with 100% optical glass lens
Built-in LED lights for bright illumination
Built-in convenient measure scale (in mm and inches)
Storage case
This portable tool is suitable for many magnification needs (Printing plate's process, Jewelry repair and appraisal, document authentication, drawing/map reading, crafting, etc.)
With built-in illumination, large crystal clear lens, and built-in measuring scale.

Specifications:

Color: Silver
Size: 180 x 55 x 50mm
Magnification: 10 x 25mm
Power: 2 x AA batteries (not included)

Package Included:

1 x 10X Handheld Illuminated Magnifier
1 x Storage case



122-A, Bhangoria Town, Block-2 Federal-B, Area, Karachi-75950, Pakistan Tel: (+9221) 36371403 / 36371548
Email: info@cartonsmachinery.com Web: www.cartonsmachinery.com

Hi-Tech
MACHINERY

122-A, Bhangoria Town Block-2 Federal-B, Area,
Karachi-75950, Pakistan
Tel: (+9221) 36371403 / 36371548
Email: info@cartonsmachinery.com
Web: www.cartonsmachinery.com

SCAN ME