CE

ISO 9001:2015 COMPANY

KESHAR MACHINERY

Formally Know as Keshar Automation

Mfg. & Exporters of FIBC & WOVEN SACK Industries Machinery



Elevating Engineering Standards....

MAKE IN INDIA

www.kesharmachinery.com
www.kesharautomation.com

ABOUT US

Keshar Machinery manufacture and suppliers of all FIBC Machines. Specifically designed and engineered for the modern FIBC industry.

We are confident that with our all machines reach customer needs and theirs satisfactions

Customer's service is our main Moto

We are incorporated keshar automation in the year of 2015 with the view of manufacturer modern FIBC related machines.
We have rich experience of manufacturing FIBC Machines.

We wish to introduce our self as a manufacturer of modern high quality FIBC Machines as your requirement. That we are supplied to many companies all over India.

Our Vision

To have a laser like precision and clarity in our line of work. Stopping at virtually nothing to give only the best at whatever we do so everyone associated with us may benefit as well.

Our Mission

Taking the market by a wide variety by putting quality and quantifying it to maximum efficiency possible. To also achieve maximum growth of the sector with greater synergic bonding.

Complete Solution for FIBC Machines & Liner Sealing Solution

Auto Form Fit Machine-FFM 6
Single die Type

(PE Bottle Shape Liner Sealing Machine)

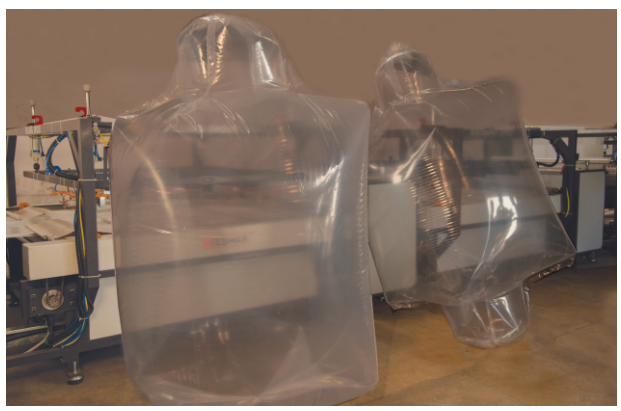
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Specification

- Roll lift up unit
- Side Sealing unit
- Top & Bottom Spout Sealing unit (Waste Cutting Manually)
- Bottom sealing unit
- Length cutting unit
- Cooling System

To protect materials inside the Big Bag from any environmental reasons and for stopping material to dust outside of Big Bag, Liner should be placed inside. Our Bottle shape liner sealing machine is designed to form the liner with sealing and cutting operations, suitable for four loops big bag's body, filling spout and discharging spout.

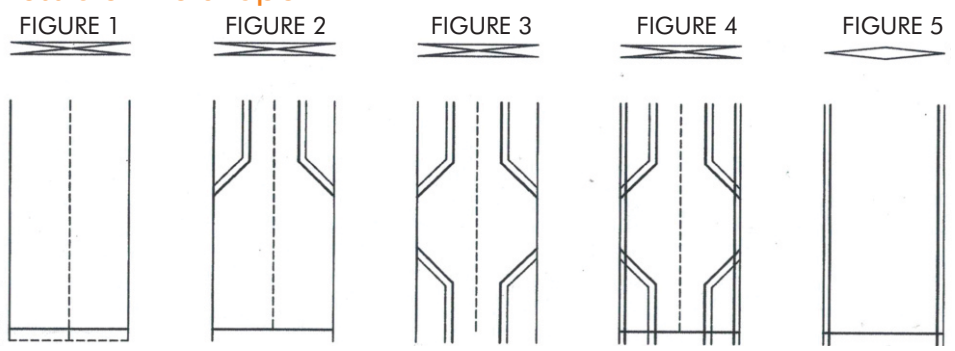


Technical Specification

Production capacity	100/120 Pcs. Per Hour (Full sealing in one operation)
Materials to be processed Micron	Gusseted Liner or Tubular Lay Flat Film 50 - 200 micron
Maximum Liner Width	1400 mm
Minimum liner width	600 mm
Filling Spout	Bottle shape sealing (Single Die)
Discharge Spout	Bottle shape sealing (Single Die)
Side sealing	Straight sealing (Single Die)
Bottom sealing	Straight sealing
Rack System	For open hot Sealing
Sealing type Side sealing (flange) Spouts (top and bottom) Bottom sealing	 Temperature controlled sealing die Temperature controlled sealing die Temperature controlled sealing die
Spout Length (fixed) standard	1000mm / As per Customer's Requirement
Neck angel length	700mm / As per Customer's Requirement
Bottle Neck sealing Angle	Standard 48 degree, fixed can be change upon request (one or two degree variable)
Length of the film (body length)	Adjustable min-500 to max 3000 mm
Top & Bottom spout Diameter	Adjustable between 20 to 60 cm, max
Side flange sealing length	2200mm and 10 mm width (sealing)
Side flange distance	min 30mm to 100mm (adjustable)
Bottom sealing distance	Fixed
Width of the weld (sealing) Machine control by	10 mm PLC (programmable) with 10" HMI Servo motor 2kw and its drive (Schneider Make) AC Drive with gear motor-3 Set PLC (Schneider Make)
Temperature controllers	(firm 48 X 48) Multispan
Electrical	Operating Panel 10" HMI
	Main panel Heating panel

Heaters	1700W single phase (HD Headers)
All sealing unit	Aluminum Die
Pneumatic	All Pneumatic are Janatics make/Pnwmex make
Require Man power	1 operator + 2 helper
Electrical requirements	415V, 3 Phase with Neutral and Earthing, 50HZ
Total Power Consumption	19.5 Kw. (26HP)
Require Air pressure	min. 10 bars, 1000 ltr/minute
Films roll lifting	500 kg max (with web aligner)
Space Required	Length 50Ft+24Ft Working Space Width 8Ft Height 6.5 Ft
Total Weight	5600 Kg. Approx

Possible Line Shape



SEALING...

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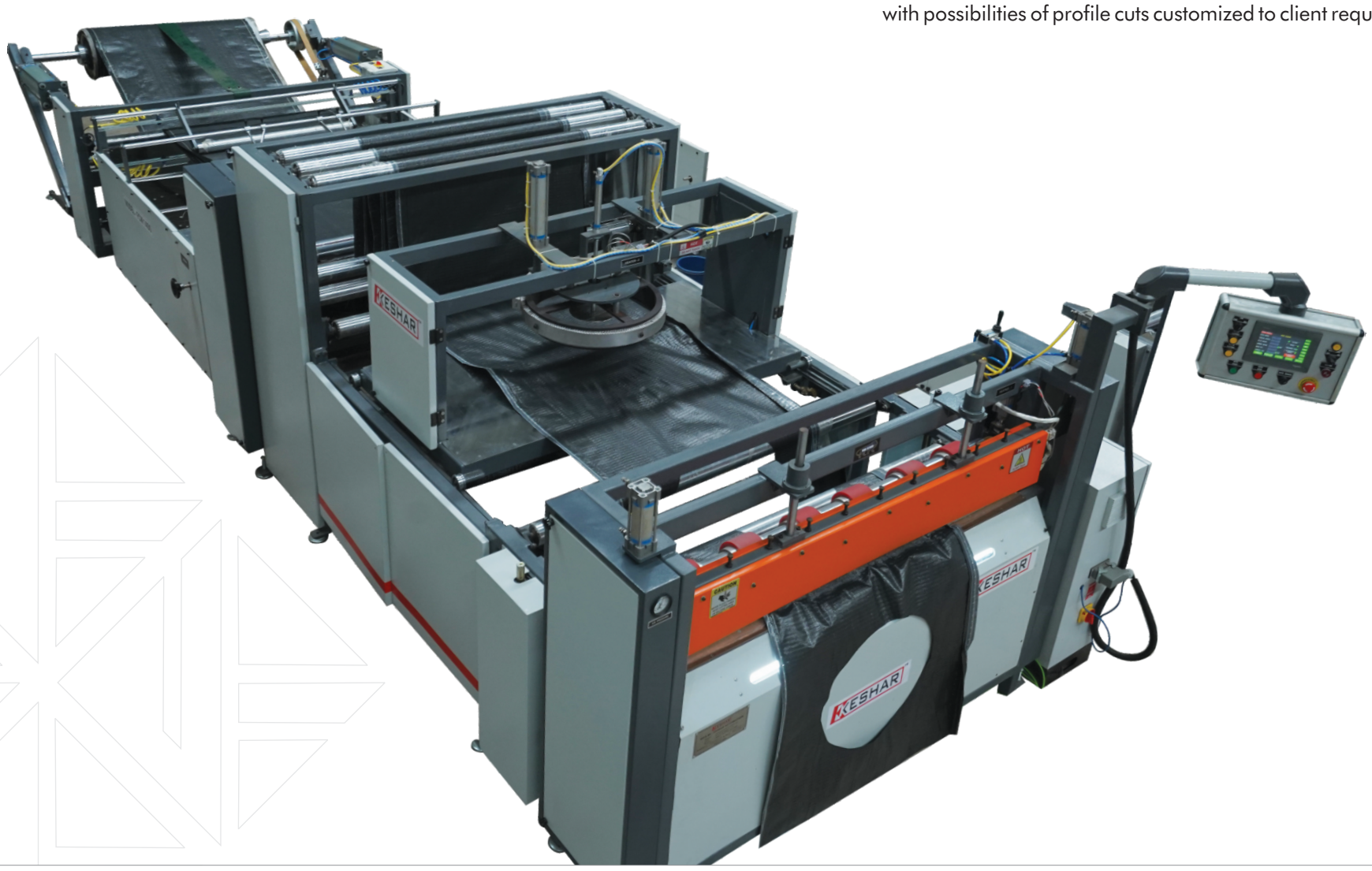
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FIBC Fabric Cutting Machine
FCM 1400 / FCM 2200

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Our FCM 1400 and FCM 2200 are reliable and efficient machines designed to produce FIBC (Jumbo Bags) panels of preset cut length with possibilities of profile cuts customized to client requirements.



Technical Specification

Model	FCM 1400	FCM 2200
Width of Fabric (max.)	1400 mm	2200 mm
Fabric Cut Length (min.-max.)	200-50000 mm	200-50000 mm
Profile Cut	Spout-O, Cross-X	Optional
Production speed	25 pcs./min (with spout)* 30 pcs./min (without spout)*	28 pcs./min (without spout)* 24 pcs./min (with Spout)*

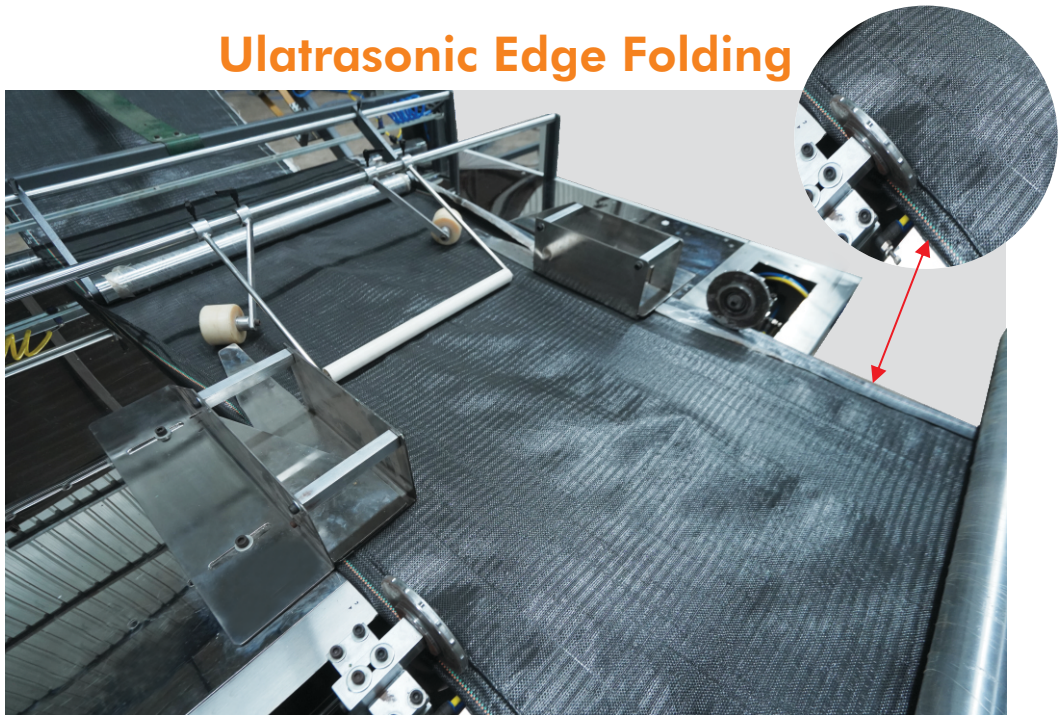
*Depends on material used & GSM of the fabric.

Salient Features

- Ultrasonic Side Folding Unit
- Spout / Cross Cutting Unit Adjustable
- Hydraulic Web Aligner System
- User Friendly Software
- Drive Protecting Transformer
- Easy Roll Lifting Unit

Diameter of Fabric roll (max.)	1000 mm	1200 mm
Weights of fabric roll (max.)	800 Kg.	1000 Kg.
Cutting Accuracy	+/- 10 mm	+/- 10 mm
Tension Control	Dancing Roller	Dancing Roller
Machine Control	PLC & Servo Control (Schneider/Fuji make)	PLC & Servo Control (Schneider/Fuji make)
Air Pressure	7-8 Bar	7-8 Bar
Main Driving Motor	2.0 Kw. Servo Motor (Schneider/Fuji make)	3.0 Kw. Servo Motor (Schneider/Fuji make)
Heater for Cutting Knife	5 Kw. (5000 Watt)	8 Kw. (8000 Watt)
Dimension L x W x H	22 x 7 x 6 Feet	22 x 9 x 6 Feet
Spout Cut Dia	200 to 500 mm	—
Total Power Consumption	13.6 Kw.(18HP)	13.6 Kw.(18HP) Without Spout Unit
Machine Weight	2000 Kg Approx	2500 Kg Approx

Ulatrasonic Edge Folding



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FIBC Belt(webbing) Cutting Machine
BCM 10

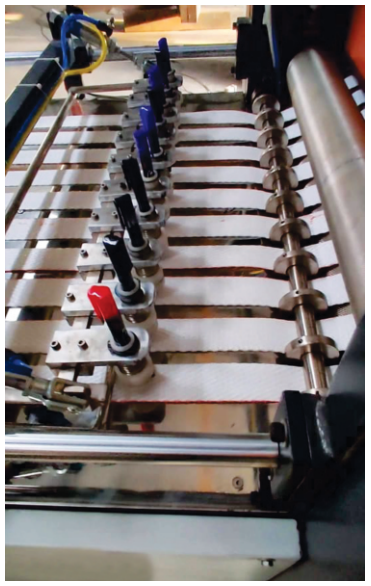
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This is a very efficient machine to automatically cut and mark big quantities of belt. It is very easy to operate; you just need to place the webbing on the machine, insert the desired cut length, and adjust the marking points and press the start button. The cutting and marking process can be done automatically.

The machine with the PLC gives you the advantage so that, distance between 2 marks more than 100cm and distance between the edges to the first mark smaller than 25cm.

Our Webbing Cutting machine addresses the need for accurate and efficient cutting of the webbing used for lifting loops in FIBC's. In these machines, the cutting and marking is done automatically through a PLC controlled system. An automatic counting feature eliminates waste by cutting the exact quantity required.

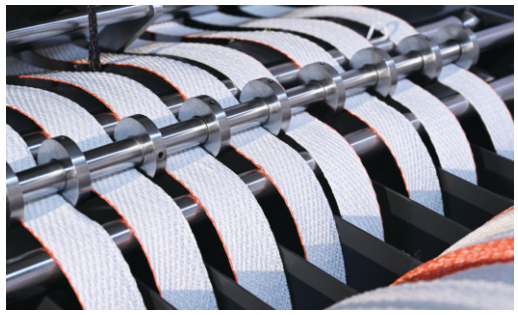


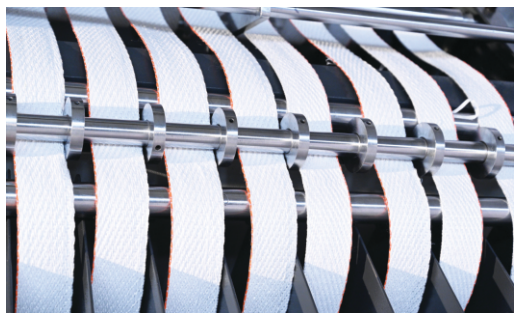


Technical Specification

SR.NO	ITEMS	SPECIFICATION
01	Length	226cm
02	Width	130cm
03	Height	147cm
04	Motor	1.5kw Servo motor with set of Cable (Schneider/Fuji Make)
05	Machine Controls	PLC Complete Programmed
06	Cutting type	Hot Cutting Die with 3000 Watt Heater
07	Power Consumption (Total)	4.5Kw, 415V, 3 Phase, 50Hz (6 HP)
08	Max. Belt Cut Length	50 Meters
09	Operating Panel	Main Panel With 7" HMI Operating
10	Number of Belt	35mm to 50mm width Belt 8 to 10 Nos., 75mm width Belt 6 Nos. and 100mm to 120mm width Belt 4 Nos. at a time with marking to be cut
11	Electrical Panel Main	Servo Drive, PLC and Set of Switch Gear - Schneider Make/Fuji Make
12	Air Pressure	7 to 8 Bar
13	marking System	Single Marking (Dot Mark)
14	Man Power	One Worker
15	Belt width range	35-120mm
16	Marking, min. Length from cutter	250mm
17	Maximum number of marking	6 no. Standard upto 30 marking optional
18	Maximum diameters of belt roll	1000mm
19	Belt Cutting Length	200 - 50,000mm
20	Production Speed (1 mtr Length)	10* cuts/min (100 mtr/min)
21	Cutting Accuracy	+/- 10mm
22	Machine Weight	610 Kg. Approx







***Depends on material used & Thickness of belts.**

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FIBC Jumbo Bag Cleaning Machine
JBC 125

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Our bag cleaning machine provides an ideal cleaning solution for fibc (jumbo bags) used for food and pharmaceutical applications. using pre-filtered air, the automated cleaning process of this machine ensures efficient removal of all loose contaminants during the cutting and sewing operations required to manufacture the FIBC,

The fabric gets electro statically charged.
These charge of the fabric regularly cause
The adhesion of also insects, human hair and even personal
objects of the workers are often found in

New manufactured fibc's (loose threads, foreign particles, etc. from inside the bags). our cleaning machine which we have developed allows for a controlled and scheduled inside cleaning of the FIBC's. the constructional shape of the cleaner ensures very easy handling and we set two hd camera and led display here you can see inside the bag and also static discharger for eliminate static.

The total operation is controlled by programmable logic controller of recent technology. the machine gives data's like total bag cleaned. the machine has got both automatic and manual mode of operations. the machine can be used to clean bag upto the size of 120cm x 120cm x 220cm.



Salient Features

- High efficiency
- High pressure blower
- Micro-filter provided at incoming and at dust collection box
- Meets clean room specifications
- Static discharger for eliminate static
- 2 mp hd camera top and bottom with led display
- Vibrator

Technical Specification

SR.NO	ITEMS	SPECIFICATION
01	Length	325 cm
02	Width	255 cm (With Attached Air Filter)
03	Height	390 cm at Close 585cm at Full Open
04	Max. Bag Body Height	220 cm
05	Top Hood Host	Elect , 1.5 HP Brake Motor, Motorized Lifting
06	Air Blower	3000 CFM with 12.5 Hp Motor
07	Inside Visable	2 HD Camera top and Bottom with Led Display
08	Air Filter	SS304 50 Micron Filter (Both Suction and Blow)
09	Top and Bottom Hood	Stainless Steel (202/304)
10	Rest of Body	M.S. with Powder Coating and Painting
11	Electrical Panel Controls	Star & Delta with 7"color HMI with PLC
12	Air	6 to 7 Bar
13	Control Valves	Butterfly type Control Valve Controlled by Rotary Actuator
14	Total Power Consumption	14HP, 415V, 50HZ, 3 Phase With Zero Earthing
15	Required Man Power	Two Workers
15	Machine Weight	1290 Kg. Approx



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FIBC Jumbo Liner Opener
LOM 120

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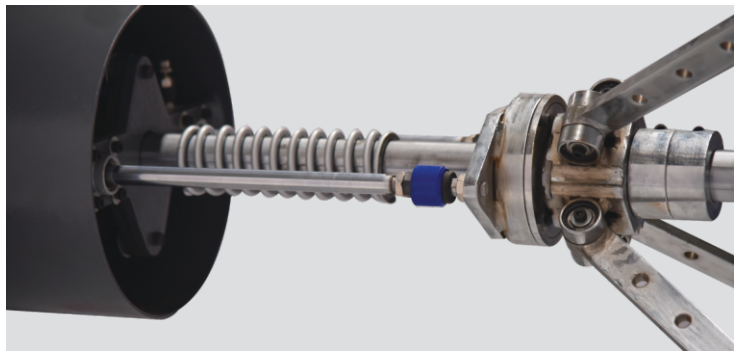


This is Machine is Designed for Glue the PE liner (It's called liner opener) for the big bag by hot melt glue system.

Liner Opener Model LOM 120

In this machines we can adjust liner size for from shape are square shape of the liner min 30cm to 120cm and body length we adjust up to 210cm as per requirements.







Technical Specification

SR.NO	ITEMS	SPECIFICATION
01	Opening Arms	SS 202 Gread with Extraction Arms Set, 250mm Range up to 2.1 Mtrs.
02	Length of Arms	1 Mtrs Standard Fixed
03	Blowing System	3HP High Pressure Suction and Blow
04	Rotation Controls	Manual Operating System
05	Air Pressure	6 Bar
06	Operating	Electrical Panel
07	Power Required	3HP, 3ph, 440V
08	Machine size (L X W X H)	300 x 130 x 130 cm
09	Air Filter	Micro Filter Provided at incoming & Dust Collection Box Ss304, 50Micorn Filter (Both Suction & Blow)
10	Machine Weight	540 Kg. Approx

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FIBC BAG TEST RIG
BTR 30

The device is capable of carrying out Top Lift Tests of FIBCs with single point & multiple point suspension according to all National & International Standards in an easy quick and accurate manner.



Type of Test

- **Peak Load Test**
- **Cyclic Load Test**
- **Top List / Compression Load Test**





Technical Specification

ITEMS	SPECIFICATION
Machine Max. Capacity	30 Ton
Hydraulic Cylinder	150 Mm Bore 2300 Mm Stroke
Power Pack	7.5hp, 3 Ph, 50hz, 1440 Rpm, A/c Motor
Oil Tank Capacity	400-450 Liters
Operating Pressure	Max. 170 Bar
Type	4 Pillar Down And Up Stroke
Length	200cm
Width	200cm
Hight	880cm
Daylight Gap	300cm
Maximum Bag Height for Test	220cm
Maximum Bag Width for Test	120cm
Storage Tank Capacity(topside)	700 Kg
Load Cell	4 Nos 7.5 Ton Capacity Ip-65 Protection
Number of Hooks	4 Loop And Attachment For 1 Loop 2 Loops
Height Adjustment	Hydraulic
Granules Filling	Auto Filling Bucket Conveyor Belt Elevator System (46 Kg./Minute)
Air Supply	7 to 8 bar
Total Power Required	11 HP 3 Ph 440v With Zero Earthling (8Kw.)
Test Report	Auto Generated
Machine Control Electrical Panel Board	Computer Control With PLC Program Fully Automatic, PLC Based
1 No. Web Camera	Photo Capture Automatically (before Test And After Test)
Optional	IP Camera (Mobile Camera) Supported
Machine Weight	5250 Kg.

Desktop Supply With This Machine

Types Of Bag Can Test In This Machine : 4 Loops **I** Two Loops **I** Single Loops **I** Tunnel Loop

SALIENT FEATURES

- Bag Testing as Per International Standards All 3 types testing
- Photograph of Bag will testing online Updactions (Pre-Test & Past Test Photograph of Bag)
- User friendly system operations
- With Scada Software Its Supports Ms Office, Can Show Online Testing

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FIBC HYDRAULIC BALE PRESS







Hydraulic Bale Press

For systematic and cost efficient storage and transportation, the finished bags should be pressed and packed for protection. The hydraulic press is designed for pressing finished bags in the foam of bales. The base dimensions of the bales can be made to use either the standard Euro pallets sizes as per customer's needs.

The construction of top and bottom beds & door is rugged. SS Claddings are provided on all bag seating area & Cast Naylon solid Blocks are provided at Pressing & Bottom bed. Heavy duty power pack and hydraulic bale ejection system provide reliable and user friendly Machine.



Technical Specification

ITEMS	SPECIFICATION
Type	Four Pillar Hydraulic Press
Frame	Three side closed and one side open able door with lever arrangements
Press Capacity	100, 120, 150 Ton (As per Customer's Requirement)
Operating Pressure	Max. 220 bar
Bed Size	950mm X 1100 mm (As per Customer's Requirement)
Bale Size	950mm X 1100mm X1100mm / 1200 mm(As per Customer's Requirement)
Cabin Dimensions Length X Width X Height	950mm X 1100mm X 2500mm
Day Light Gap	2000mm
Stroke Length	1800mm
Space Requirement	3800mm X 2800mm X 5200mm
No of Cylinder	1 No. of main Cylinder
Pusher	1 No. of pusher & 2 Nos. hard chrome Guide Rod to push the Bale out in tact condition. (Stroke-1000mm) depend on Bed size
Oil Tank Capacity	500 Liters
Oil Type	Hydraulic-Shell Tellus 68 (at Your Scope)
Power Pack Motor	25HP Main Cylinder)+3HP Pusher Cylinder motor (Havells/Crompton Make)
Electrical Power Requirement	440V, 3 Phase, 50Hz
Hydraulic Cylinder	300 mm bore, 180mm ram rod pressing Cylinder
Hydraulic Valve	Yuken Make
Operating Panel	Semi Automatic, Push Button
Machine Weight	6000 Kg. Approx

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Our Modern Product

- FIBC Auto Belt (Webbing) Cutting Machine With Marking System
- FIBC Auto Belt Webbing Cutting + Folding Machine With Marking System
- FIBC Fabric Cutting Machine
  - Cold Cutting Systems (Knife Cutting)
  - Ultrasonic Edge Folding System
  - Ultrasonic Cutting Systems
  - Spout Cutting Unit
- FIBC Jumbo Bag Cleaning Machine
- FIBC Jumbo Liner Opener
- Hot Melt Glueing Machine (Valco Melton)
- FIBC Bale Press Machine (Hydraulic Type)
- FIBC Auto Form Fit (PE Bottle Shape Liner Sealing Machine)
  - Short “L” & “U” Suspended Liner Sealing Machine
  - Auto Bottom Sealing & Length Cutting Machine
- FIBC Jumbo Printing Machine (Bag to Bag)
- FIBC Buffle Punching Machine (Hydraulic Type)

Upcoming Products

- Auto Bag Cutting Stitching with Liner Inserting
- Auto Bag Cutting Stitching Machine (BCS)
- Auto Jumbo Bag Spout Tie Sewing Machine



Our Global Presence



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