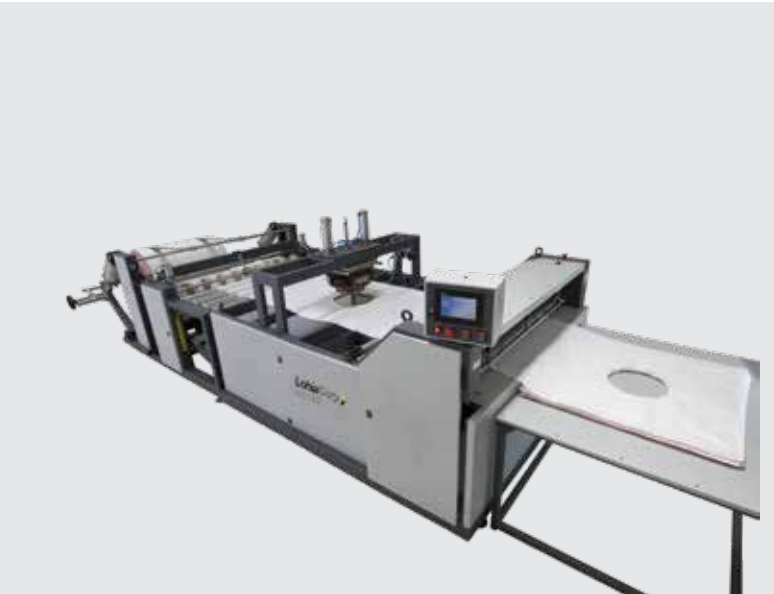


# Conversion Machines for FIBCs



# Conversion Machines for FIBCs



## FABRIC CUTTING MACHINE

The machine is designed to produce FIBC (Jumbo bags) panels of preset cut length of fabric, with a profile cut, if required. The machine has a web aligning system, pneumatic cutter movement and PLC controlled servo drives which makes it reliable and efficient. Positive grip for feed rollers by pneumatic pressure and electronic counter for batch control are provided in the machine.

	<b>FCM 1400</b>	<b>FCM 1400 U/S</b>	<b>FCM 2200</b>
<b>Width of Fabric (max.)</b>	1400 mm	1400 mm (Flat)	2200 mm
<b>Fabric Cut Length (max.)</b>	20 m	20 m	20 m
<b>Profile Cut</b>	0, X,+	0	0, X,+
<b>Mechanical Speed (max.)</b>	70 m/min	70 m/min	70 m/min
<b>Production Speed of Cut Length (1 m)</b>	28 pcs./min (w/o spout)* 22 pcs./min (spout)	14 pcs./min (w/o spout)** 07 pcs./min (spout)**	28 pcs./min (w/o spout)* 22 pcs./min (spout)*
<b>Unwinder Capacity</b>	1000 Kg (Max. dia 1.5 m)	1000 kg (Max. dia 1.5 m)	1000 Kg (Max. dia 1.5 m)
<b>Working Air Pressure</b>	7 Bar	7 Bar	7 Bar
<b>Cutting System</b>	Heat adjustable cutting knife	Ultrasonic cutting	Heat adjustable cutting knife

\*Depends on material used and GSM of fabric & spout size.

\*\*Depends on fabric width & spout diameter.



## WEBBING (BELT) CUTTING MACHINE

Webbing needs to be cut to required lengths to make lifting loops for the FIBCs. They need to be marked at suitable positions to improve the efficiency of bag stitching operation. The cutting and marking is done automatically through a PLC based system. Automatic counting ensures that one is able to cut in exact quantity required.

<b>Webbing Width</b>	20 mm - 120 mm (5 - 10 belts)
<b>Cut Length (max.)</b>	50 m
<b>Speed (max.)</b>	100 m/min

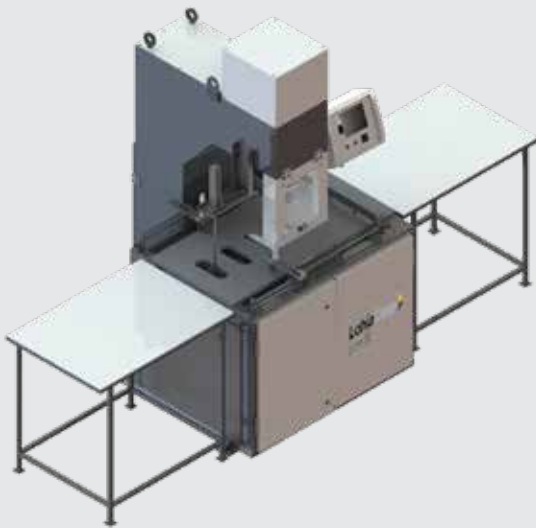
## STRAPEX-300

Machine is designed to provide protection to the handles by covering them with wrapping fabric around the handle/s used for lifting Big Bags/FIBCs.



<b>Width of Fabric for Wrapping mm (max)</b>	300
<b>Machine Dimensions (L x W x H)</b>	1390 x 1660 x 1400 mm
<b>Production Speed Handle Wrapping</b>	25 Second approx. for each Handle wrapping
<b>Power Requirement</b>	1.5 Kw

**One-stop solution to our customers, Lohia Corp offers a wide range of conversion machines for FIBCs.**



## PROFILE CUTTING MACHINE

Profile cutting machine is required to make baffle panels for specific requirements in FIBC (Jumbo bag) manufacturing. This is a hydraulically operated cold punch machine and can simultaneously punch the required profile in a bunch of fabric pieces. The punch dies are made to order. Waste removal system has been provided to make the machine fully automatic. One operator can handle multiple machines.

Width of Fabric	690 mm (Max.)
Maximum Pieces of Fabric Per Stack	50 Nos (Max.)
Minimum & Maximum Holes	1 -50 Nos
Hydraulic Capacity	15 Ton (Max.)
Fabric Indexing	Automatic
Production Speed	
a) Fabric movement speed	4 MTR / minute
b) Cutting stroke time	8 Second / per stroke
Machine Dimensions (L x W x H)	1565 x 1650 x 2120 mm
Power Requirement	3.7 kW



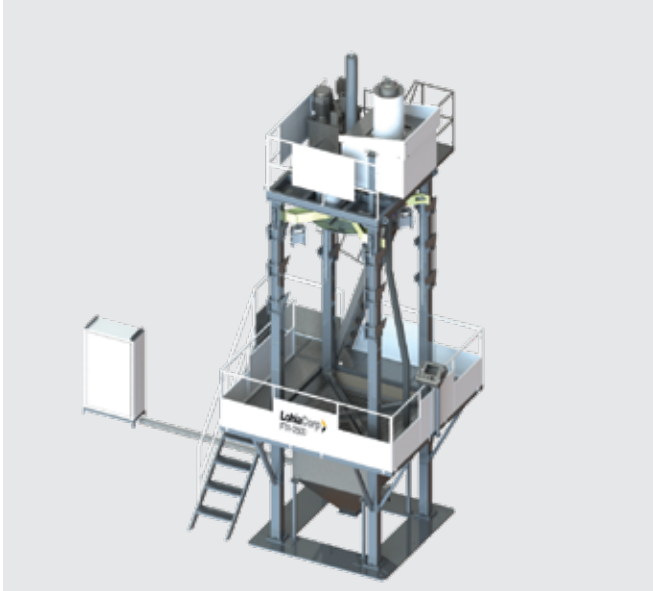
## BAG CLEANING MACHINE

FIBCS supplied for applications involving direct contact with articles of food/pharmaceuticals should be free from any contamination.

Automatic bag cleaning machine ensures the efficient removal of loose fabric ends, threads etc. from inside the bags. The draft of pre-filtered air is blown into the bag so that the foreign particles settled in the bag could come off from the bag surface.

The foreign particles are sucked and collected in a dust collection box. Easy access to the dust collection box provides periodic inspection and emptying of the dust collection box itself. The machine is suitable for cleaning bags in height range of 0.9 m to 2.5 m.

## Conversion Machines for FIBCs



### FIBC TEST RIG-FTR-2500

The device is capable of carrying out Top Lift Tests and Cyclic Top Lift Tests of FIBCs with single-point and multi-point suspension according to all National and International Standards in an easy, quick and accurate manner. Inbuilt granule receiver at the bottom and loader for transporting granules are provided. There is facility to program ambient temperature compensation.

Bag Size Can Test (Base Dimension) (max.)	1200 x 1200 mm
Bag Size Can Test (Base Dimension) (min.)	700 x 700 mm
Bag Height (max.)	2500 mm
Test Load Capacity for 4 Loops Bags (max.)	20,000 Kg
Load Cell Capacity (max.)	4 x 5000 Kg
Hydraulic Cylinder Stroke (max.)	1800 mm
Machines Dimensions (L x W x H)	360 x 2850 x 7900 mm
Power Requirement	13.5 kW
Chilling Plant Capacity Requirement	1.15 TR at 15 Degree
Machine Weight	6 Ton



### HYDRAULIC BALE PRESS

The hydraulic press is designed for pressing finished bags in the form of bales for cost-effective storage & transportation of the finished bags.

Rigid construction of top and bottom beds, heavy duty power pack and hydraulic bale ejection system provides reliable and user-friendly machine.

Press Capacity (max.)	100 tons
Operating Pressure (max.)	210 bar
Stroke Length (max.)	2000 mm
Stroke Speed (max.)	2 m/min
Cabin Dimensions (L x W x H)	950 X 1115 X 2250 mm*
Space Requirement (L x W x H)	2.09 x 2.41 x 5.66 m**

\*Dimensions are for using standard Euro Pallets and will vary if different base dimensions are requested.

\*\*Depends upon Pallet size required.

Operating pressure can adjust from HMI for Pre Baling and Final Baling Pressure

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