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POLYSEAL ENGINEERS PVT.LTD.



PROFESSIONAL TARPULIN SEALING MACHINE MANUFACTURER

We are the leading Manufacturer of a wide range of Tarpaulin Sealing Machines.



Multipurpose Centre Sealing Machine

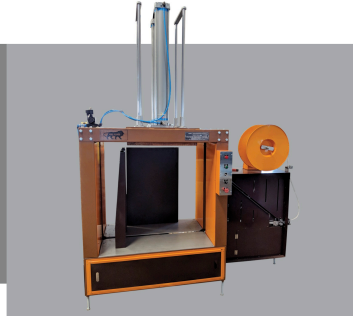
Our star product, this machine fits in the smallest of spaces and combines the function of two machines in one, with the capability of centre & side (folding + rope), just this one machine is enough for producing all types of finished Commercial tarpaulins sizes. It is one of our most successful product in the "Pond lining" sector as it allows free movement of fabric from all sides allowing sizes of any dimension to be joined together.

Unwinders: custom made out of heavy duty steel according to width of fabric as discussed with the customer. Popular sizes include : 6, 9, 10, & 12 feet.
Production : 750 KGS/ day
Line speed : 50/60 metres/minute
Sealing width : 35mm to 90mm (50mm standard)
Dimensions : 5.5ft x 3.5ft x 5ft (LxBxH)
Power : 5HP 3 phase (connected load)
Heating : Upto 800C
Note : (All figures are dependent on GSM of fabric, figures indicated for 120GSM)

Single Side Sealing Machine

This machine is preferred along with the single centre machine, it has been developed to be operated with the single push of a foot switch by the operator, it is very compact and easy to operate.

Production : 550 KGS/ day
Line speed : 50/60 metres/minute
Sealing width : 35mm to 90mm (50mm standard)
Dimensions : 4.5ft x 3ft x 4.5ft (LxBxH)
Power : 5HP 3 phase (connected load)
Heating : Upto 800C
Note : (All figures are dependent on GSM of fabric, figures indicated for 120GSM)



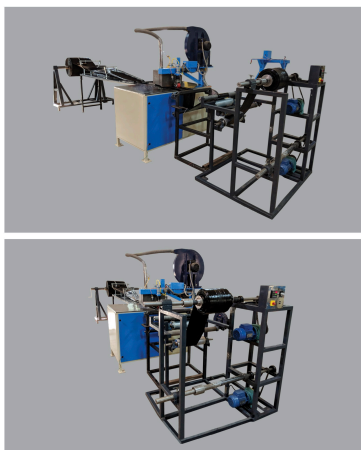
Auto-Strapping Machine

This is a packaging machine used for bundle pressing and strapping, bundles of finished material are placed on the machine by the operator and with the press of a button the heavy duty pneumatic cylinders press it to squeeze out the air from inside the bundle and simultaneously applies a strap which is heat sealed.

Features:

- Two heavy pneumatic cylinders with displacement of up to 10 tonnes.
- Auto strap refilling in the guideways.
- PLC based machinery.
- 1 hp connected load required.

Mini Sealing Machine



HDPE Pipe Sealing Machine

This is a recently introduced product but is gaining lot of market because of the very unique end product. This machine is used for manufacturing HDPE laminated pipes or as referred in Indian markets as tota pipes, via hot air sealing. Our machinery is a one stop solution for the whole manufacturing process. The rolls are to be mounted on specially designed unwinders and finished wound pipes can be taken out from the other end, it is a turnkey conversion system.

Features:

- Dies of various sizes are available to make pipes of sizes ranging from 2 inch to 14 inch pipes.
- Dual winding station provides ensures continuous sealing is maintained.
- Synchronous drives provide single point control for the whole system.
- Winders are equipped with counters which accurately provide the length in meters/feet of the pipe sealed & wound.

Production : 200kgs / day
Line speed : 35/40 metres/minute
Sealing width : 35mm to 50mm
Dimensions : 18ft x 4.5ft x 5ft (LxBxH)
Power : 6 HP 3 phase per head (connected load)
Heating : Upto 800C
Note : (All figures are dependent on GSM of fabric, figures indicated for 120GSM)



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Double Head Side Sealing Machine

Useful for high production the double side sealer is compact and comes with a central conveyor belt design which enables the operator to place even the biggest of sizes in this machine with ease. Both the sealing heads are synchronised with each other ensure perfect sealing on both the sides in tandem.

It comes with folders which guide the fabric to fold with precision as well as automatic rope insertion.

Production : 500 KGS/ day
Line speed : 50/60 metres/minute
Sealing width : 35mm to 90mm (50mm standard)
Dimensions : 5.5ft x 5.5ft x 5ft (LxBxH)
Power : 10 HP 3 phase (connected load)
Heating : Upto 800C
Note : (All figures are dependent on GSM of fabric, figures indicated for 120GSM)



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Auto-cutting Machine



This machine exclusively designed along with the multihheader machine. Cuts the fabric which comes from the multihheader via the accumulator according to the length set by the operator in a smooth clean motion ensuring a straight cut sophisticated encoder ensures precise length cut. High speed steel is used as cutting element.

Production : 7000 kgs / day
Line speed : 60 metres / minute
Dimensions : 40ft x 4ft x 4ft (LxBxH)
Power : 5 HP 3 phase (connected load)
Cutting : Cut is according to operator setting in either meters or feet with minutest accuracy.
Note : (All figures are dependent on GSM of fabric, figures indicated for 120GSM)



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Multiheader Tarpaulin Sealing Machine

Highly customizable machines, these are our stars in the high production segment with the structure size upto 15 metres built, just multiply the number of fabric roles you need to seal in one single operation and we can build a machine for you. Popular sizes include 6 Header for Commercial tarpaulin and 3 Header for pond liners.

Features:

- Heavy duty unwinders of any specified size mounted on rails. Popular sizes include : 6, 9, 10, & 12 feet.
- Single point control for operator to operate such long machines and multiple heads from just one point.
- Operating desk against the machine for easy control and movement of fabric.
- Heavy duty folders are provided for automatic folding and rope insertion on two edges of the fabric.
- Chilled water rolls on the output to get a very smooth and high tensile bond on the sealing joint
- Auto heater break cut off – which immediately stops the whole machine operation when any heater is damaged or stops functioning.
- Direct drive – the main drive is directly drive to reduce wear & tear as well as the noise levels.