Series PTS...

Sack closing machines

- **For the closure of pinch top sacks with or without plastic inner liner**
- **Continuous process for highest throughput**

You get more ways to close a sack with MEYPACK, standard or customized to fit your application:

Series S-CH/...
for heat sealing of plastic sacks, also with additional sewing for woven fabrics sacks

Series S-CH/S...
for heat sealing of coated paper sacks and SOS-bags

Series D95HD...
for sewing closures, also with over-tape or folding

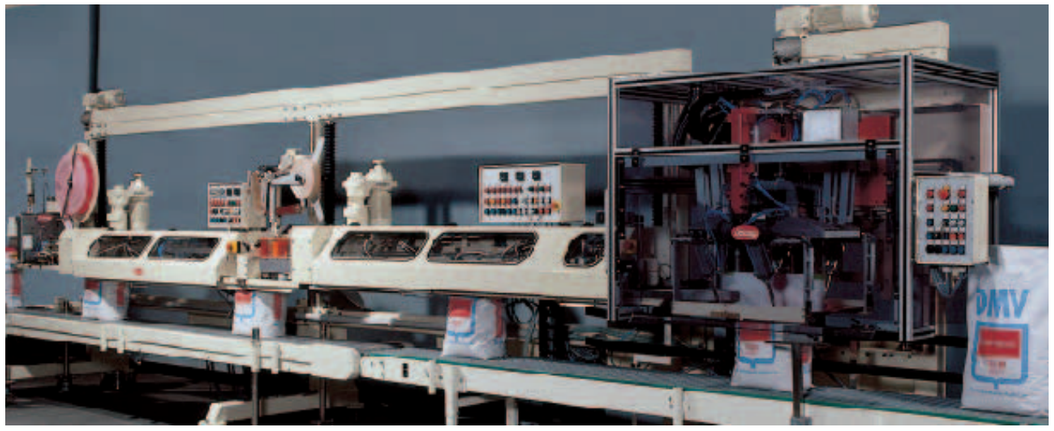
Series FTS...
for fold, tape and seal closures of paper sacks, with or without plastic inner liner or coating

Series PT...
for the traditional triple closure of paper sacks with plastic inner liner

MEYPACK supplies complete sack closing lines, beginning after the filling spout and ending just before the palletizer. The program includes:

ASF Automatic stretcher/feeder
KGL Plastic open link conveyor
SB Single belt conveyor
SWU Sack turning device
SAS Sack pusher
KSF Spreader/feeder for bag in box
SEG Sack folder for bag in box
ZU Sack folder for secondary folding

FTS-based special machinery for air bag manufacture



Combined sack closing line for FTS- and sewing closures

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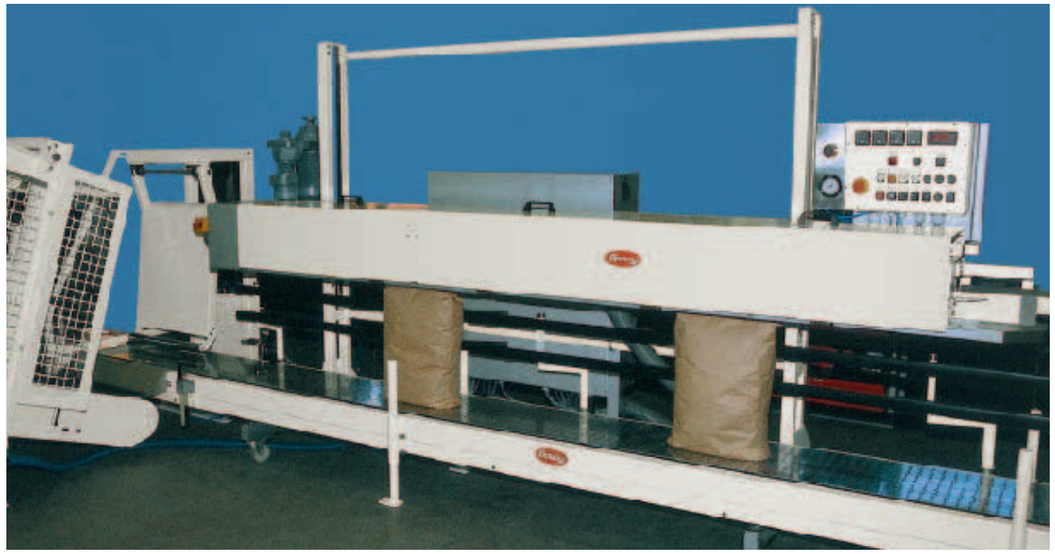


PTS-HD 48 with conveyor GT, sack pusher SAS and Sack flattener PR/N

Series PTS...

With the PTS...series sack closing machines MEYPACK offers equipment to close all kinds of pinch top sacks. The machines types PTS and PTS-HD... close pinch top sacks with pre-applied hot melt adhesive at the stepped end (flap). The machines type PT-GL apply several beads of hot melt adhesive to the non-coated flap during closing. With machines type PTS-HD... plastic inner liners or coatings are heat sealed hermetically also.

Features

- rugged design for multi-shift operation
- simple operation and maintenance due to good accessibility
- a minimum of change-over time is required for varying sack dimensions
- manual or fully automatic sack feeding

Method of operation

The sack closing machines series PTS use a continuous process. Heavy duty carrier chains keep the flattened sack top perfectly aligned whilst it passes through the different steps of operation. At the same time the sack is supported by a conveyor (additional equipment). Once between the chains the closing sequence is fully automatic through all functions which may differ depending on the sack specification.

PT-GL: First the sack is scored by a pair of rollers for the following folding of the flap. Several beads of hot melt adhesive are applied to the flap and the sack top is folded along the scored line. The seal is kept under pressure until the hot melt adhesive has set.

PTS: The sack is scored at folding level. The flap is folded while the pre-applied hot melt adhesive on it is reactivated by hot air. The seal is kept under pressure until the hot melt adhesive has set.

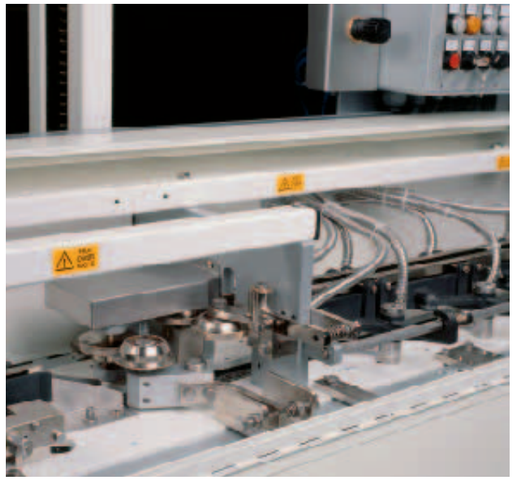
PTS-HD...: If necessary, the inside sack walls are cleaned from product contamination in the seal area first. The plastic inner liner or coating is heat sealed between pairs of heater bars. The following operations are the same as in the PTS.

Special options available

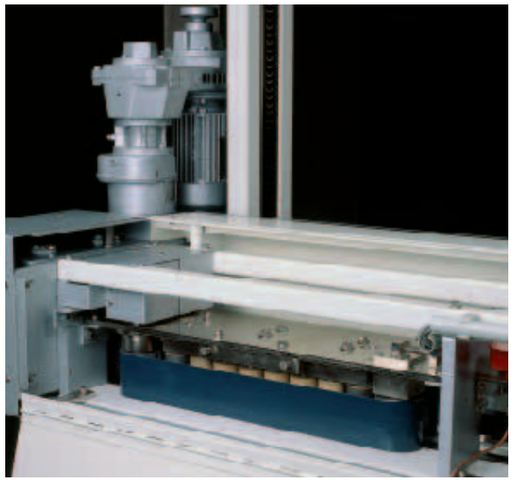
- cleaning station
- electromotive elevating device
- direction of feed from left to right
- tilted, horizontally working version for bottom seal processing

Further customer-specific versions are possible.

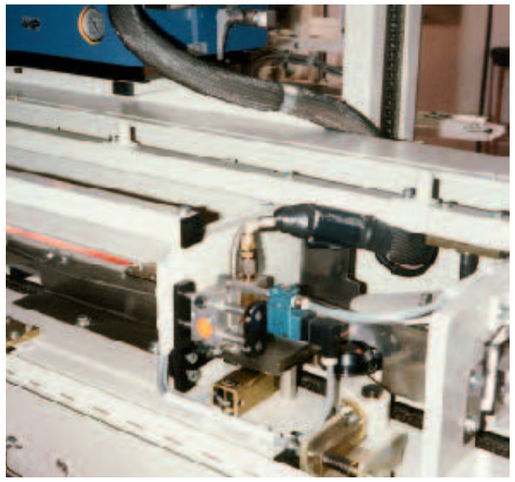
Sack infeed



Heating section and pressure rollers



Pressure belts



Hot melt adhesive application system on PT-GL

Machine data

Type	Heating section mm	v max. m/min	P drive kW	P heating kW	Length mm	Width mm	Height mm	Mass ca. kg
PT-GL	–	18	0,55	4*	2830	976	1910	500
PTS	–	16	0,55	2	2565	976	1910	400
PTS-HD 32	4x200	8	0,55	5,6	3093	976	1910	600
PTS-HD 48	6x200	11	0,55	7,4	3500	976	1910	700
PTS-HD 72	9x200	16	0,55	10,1	4108	976	1910	900

* This power consumption depends on the hot melt applicator used.
With exception of type PT-GL 300 litres/min air at 100 kPa are required for hot melt reactivation.
Manual infeed requires a guide rail which increases the total machine length by 340 mm.