Series CBS...
Continuous band sealer

- For heat sealing of heavy duty plastic bags, light plastic bags and woven fabrics bags with plastic inner liner
- Continuous process for highest throughput
CBS-W 600 in feeding sense from left to right, with trimmer and high floor stand

**Series CBS...**
MEYPACK offers continuous band sealers, using the DOBOY band sealing principle, in a wide variety of performance ranges for safe hermetically tight closures of plastic bags. The perfectly homogenous sealing with heater bars and continuously moving bands is done under pressure. On machines with water cooling bars the seals are cooled down under pressure between the steel bands. This gives incomparable smooth seals. The also possible air cooling, in comparison, is leaving wrinkled seals due to free shrinking. Further optional equipment fits the machine to difficult applications, e.g. dusty filling goods.

**Method of operation**
The bag closing machines series CBS... utilize the continuous sealing process. The bag is guided at the seal level through the heating section by PTFE-coated steel bands. This guarantees the most efficient heat transfer and avoids direct contact of the plastic film with the heat source.

The heating section consists of heater bars, the numbers depending on machine type and required throughput. The automatic temperature control of the heater bars enables the user to run the machine constantly with a sealing process perfectly set to the bag specification.

After heat sealing, the bag passes through cooling bars or air blowers to cool down the seal. Carrier belts immediately below the steel bands, hold the top of the bag top and maintain control through the entire machine. At the same time the bag is supported by a conveyor (additional equipment).

Machines CBS-D95... equipped with swing needle sewing heads D95 are used for the closure of woven fabrics bags with plastic inner liner. They heat seal the inner liner and sew all layers of the bag.
Bags made of 70…300µm thick films are sealable. The maximum total thickness is limited to 1000 µm (gusseted bags, bags with overtape).

Features
- rugged design for multi-shift operation
- high heat efficiency due to spring-loaded heater bars
- simple operation and maintenance due to good accessibility
- short change-over time for varying bag dimensions
- manual or fully automatic bag feeding
- compatible with any common open mouth bag feeding system

Special options available
- bag top trimmer
- cleaning station
- overtape applicator
- emboss coder
- water refrigeration unit
- sewing head
- electromotive elevating device
- direction of feed from left to right
- Eex explosion protection according Atex (Zone 22)
Not all options are compatible with every model

Machine data of selected models

<table>
<thead>
<tr>
<th>Model</th>
<th>Heating section mm</th>
<th>Cooling</th>
<th>Max. ( V_1 ) m/min</th>
<th>( P_{\text{drive}} ) kW</th>
<th>( P_{\text{heating}} ) kW</th>
<th>Length mm</th>
<th>Width mm</th>
<th>Height mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>CBS-A 400 sh</td>
<td>2 x 200</td>
<td>air cooling tubes 800 mm</td>
<td>14</td>
<td>0,37</td>
<td>1,8</td>
<td>2300</td>
<td>1120</td>
<td>1950</td>
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<tr>
<td>CBS-W 400</td>
<td>2 x 200</td>
<td>2 pairs water cooling bars</td>
<td>14</td>
<td>0,37</td>
<td>1,8</td>
<td>2950</td>
<td>1120</td>
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<td>air cooling tubes 900 mm</td>
<td>22</td>
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<td>2950</td>
<td>1120</td>
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<tr>
<td>CBS-W 600</td>
<td>3 x 200</td>
<td>2 pairs water cooling bars</td>
<td>22</td>
<td>0,55</td>
<td>2,7</td>
<td>2700</td>
<td>1120</td>
<td>1950</td>
</tr>
<tr>
<td>CBS-A 1000</td>
<td>5 x 200</td>
<td>air cooling tubes 1200 mm</td>
<td>24</td>
<td>0,75</td>
<td>4,5</td>
<td>4150</td>
<td>1120</td>
<td>1950</td>
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<tr>
<td>CBS-W 1000</td>
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<td>2 pairs water cooling bars</td>
<td>24</td>
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<td>2600</td>
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<td>5 x 200</td>
<td>2 pairs water cooling bars</td>
<td>21</td>
<td>1,6</td>
<td>4,5</td>
<td>3600</td>
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<td>2600</td>
</tr>
</tbody>
</table>

Further models and variations are possible as the series CBS is the most unitized.
Band station of a CBS-W 1000, very short high-speed machine with 5 pairs of heater bars and 2 pairs of water cooling bars

CBS-D95 600 FW, Combined machine for plastic- and paper bags, in feeding sense from lefts to right
You get more ways to close a bag with MEYPACK, standard or customized to fit your application:

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

Series CBS-C...
for heat sealing of coated paper bags and SOS-bags

Series PTS...
for the closure of Pinch Top bags with or without plastic inner liner or coating

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

MEYPACK supplies complete bag 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** Bag turning device
- **SAS** Bag pusher
- **ZU** Bag folder for secondary folding

FTS 1200 in fully strippable bag version with ASF mounted on common floor stand