

Tray Sealers – Semi & Automatic

When simplicity matches flexibility.

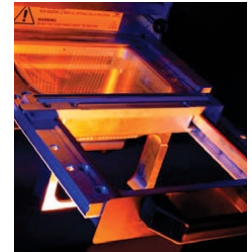


Minipack's tray sealers are suitable to pack trays using top sealing film. There are many materials that can be used: PP, PET, PS, and PE. Choose from a standard set of molds with up to 3 impressions. Molds can also be customized to the specifications of your needs. Vacuum and gas flush applications are available with the TSM 105 and TSM 1000. All models are made of stainless steel and anodised aluminum for easy sanitation. The compact designs provide a small foot print.



Display, Controls & Programmability

All machines are equipped with programmable settings. The semi-automatic TSM 105 and the automatic TSM 1000 models include 3 different working modes: Seal»Cut, Gas»Seal»Cut, and Vacuum»Gas»Seal»Cut.



Sealing Technology and Drawer simple and easy

The sealing pad is teflon coated and temperature can be regulated between 32° - 392°F. The automated sealing cycle starts after closing the drawer. Impression plates can be changed quickly to accommodate different items as needed.

Performance powerful and reliable

Depending on type of product, film, and operator all systems can process up to 6 items per minute.

SMART TECHNOLOGY FEATURES

TSM Series

- Quick change of impression plates
- Water resistant digital display
- Autostart of sealing process after drawer is closed
- All stainless steel, easy-to-clean design
- Compact design with reduced foot print

TSM 104 / 105 / 1000

- Tray-shaped film trimmer
- Recessed sealing plate

TSM 105 / TSM 1000

- Inert gas flush kit: for modified atmosphere packaging
- Powerful Busch R5 vacuum pump
- 3 different work modes: gas flush, vacuum, and seal with user-settable programs
- Freestanding foundation with locking casters for full flexibility

TSM 1000

- Auto-entry / auto-discharge conveyer
- Automatic film waste winder



Food Retail



Food Service






Food Processing



Medical

Six good reasons to choose minipack:

- » Focused on value and user-centered innovation
 - » Over 40 years track record as innovator
- » Reliability and cost advantage over the long run
 - » Committed to customer service and support
- » Certified quality manufacturing – ISO 9001:2000
- » Worldwide distribution network and technical assistance

| Tray Sealers – Semi & Automatic | | TSM 302 | TSM 303 | TSM 104 | TSM 105 | TSM 1000 |
|---------------------------------|---|---|--|---|---|---|
| | |  |  |  |  |  |
| Sealing Area | Maximum Product Size (W x L x H) | 7.25" x 8.50" x 6.50" | 10.25" x 14.50" x 4.00" | 14.00" x 11.00" x 4.00" | 14.00" x 11.00" x 4.00" | 10.25" x 14.75" x 4.00" |
| | Maximum Roll Width | 8.25" | 14.50" | 16.50" | 16.50" | 18.00" |
| | Maximum Roll Diameter | 8.00" | 8.00" | 10.00" | 10.00" | 10.00" |
| | Quick Change Impression Plates | ✓ | ✓ | ✓ | ✓ | ✓ |
| | Teflon Coated Sealing Plate | ✓ | ✓ | ✓ | ✓ | ✓ |
| Performance | Recessed Sealing Plate | - | - | ✓ | ✓ | ✓ |
| | Cycles per Minute* | up to 6 | up to 6 | up to 6 | up to 3 | up to 3 |
| | Pump Type | - | - | - | Busch R5 | Busch R5 |
| | Free Air Displacement @ 50Hz | - | - | - | 40 m3/h | 40 m3/h |
| | Free Air Displacement @ 60Hz | - | - | - | 48 m3/h | 48 m3/h |
| | External Pneumatic Seal Pressure Required | - | - | ✓ | ✓ | - |
| | Power Supply | 120V / 7A | 120V / 11A | 220V / 1ph | 208V / 3ph / 24A | 208V / 3ph / 24A |
| Display & Controls | Water Resistant Digital Display | ✓ | ✓ | ✓ | ✓ | ✓ |
| | Audio-Visual Signals | ✓ | ✓ | - | - | - |
| | Electronic Millibar Sensor | - | - | - | ✓ | ✓ |
| | Selectable Control (mbar or %) | - | - | - | - | ✓ |
| | Customizable Programs | 1 | 1 | ✓ | ✓ | 9 |
| Operational Features | Machine Type | Manual | Manual | Semi-Automatic | Semi-Automatic | Automatic |
| | Programmable Sealing Plate Temperature | ✓ | ✓ | ✓ | ✓ | ✓ |
| | Programmable Sealing Time | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 3 Working Modes | - | - | - | Seal-Cut / Gas-Seal-Cut / Vacuum-Gas-Seal-Cut | Seal-Cut / Gas-Seal-Cut / Vacuum-Gas-Seal-Cut |
| | Programmable Vacuum Time (mbar or %) | - | - | - | ✓ | ✓ |
| | Tray-Shaped Film Trimmer | - | - | ✓ | ✓ | ✓ |
| | Auto Film Waste Winder | - | - | - | - | ✓ |
| | Inert Gas Flush Kit | - | - | - | ✓ | ✓ |
| | Auto-Entry Conveyer | - | - | - | - | ✓ |
| | Auto-Discharge Conveyer | - | - | - | - | ✓ |
| | Automatic Stop Function | - | - | - | ✓ | ✓ |
| | Hygienic & Easy to Clean | ✓ | ✓ | ✓ | ✓ | ✓ |
| Service | Self Diagnostic | - | - | - | - | ✓ |
| | Indicating Display | ✓ | ✓ | ✓ | ✓ | ✓ |
| | Error Codes | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 1 Year Limited Warranty | ✓ | ✓ | ✓ | ✓ | ✓ |
| Housing & Dimensions | Material | Stainless 304 | Stainless 304 | Stainless 304 | Stainless 304 | Stainless 304 |
| | Machine Size (W x L x H) | 12.00" x 21.25" x 20.25" | 23.00" x 20.00" x 30.00" | 28.00" x 24.00" x 20.00" | 30.00" x 24.00" x 62.00" | 78.00" x 37.00" x 60.00" |
| | Working Height | - | - | 29.50" | 29.50" | 37.00" |
| | Locking Casters | - | - | - | ✓ | ✓ |
| | Shipping Weight | 103lbs | 140lbs | 157lbs | 494lbs | 720lbs |
| Optional Features | Custom - 1 Tray Impression Plate** | ✓ | ✓ | ✓ | ✓ | ✓ |
| | Custom - 2 Tray Impression Plate** | - | ✓ | ✓ | ✓ | ✓ |
| | Custom - 3 Tray Impression Plate** | - | - | ✓ | ✓ | ✓ |
| | 220V Single Phase @ 50/60Hz | - | - | - | - | 63 m3/h |
| | 208V Three Phase @ 50/60Hz | - | - | - | - | 75 m3/h |

*Depends on type of product, film and operator ability.

**Depends on tray type and size.

Specifications may change without notice.