# FFS-VO series

## Continuous form fill sealer

| BASE MODEL KEY ATTRIBUTES | | | | |
|---|---|---|---|---|
| | ▸ 4’ inline infeed belt conveyor<br>▸ Motorized film unwinding<br>▸ Forming head<br>▸ 12” film reel diameter<br>▸ 1-4 mil flat film thickness<br>▸ Servo hot knife sealing bar | | ▸ **Continuous motion moving conveyor and sealing bar**<br>▸ Sealing bar safety sensors<br>▸ E-stop<br>▸ Digital temperature controller<br>▸ Omron controls | |
| **MODELS** | **16** | **26** | **32** | **40** |
| Sealing bar width | 16" | 26" | 32" | 40" |
| Maximum product height | 12" | 12" | 12" | 12" |
| Working height | 36" ± 2" | 36" ± 2" | 36" ± 2" | 36" ± 2" |
| Maximum output (PPM) *<br>** depends on production dimensions and films* | 90 ppm | 80 ppm | 80 ppm | 70 ppm |
| Minimum packing dimensions (L x W x H) | 3" x 2" x 2" | 3" x 2" x 2" | 3" x 2" x 2" | 3" x 2" x 2" |
| Maximum packing dimensions (L x W x H) *<br>** cannot be the max dimensions for all parameters* | ∞ x 14" x 12" | ∞ x 24" x 12" | ∞ x 30" x 12" | ∞ x 38" x 12" |
| Standard film fold | flat | flat | center folded | center folded |
| Maximum film width | 30" | 50" | 30" | 38" |
| **OPTIONS** | | | | |
| 90 degree infeed pusher configuration | ✓ | ✓ | ✓ | ✓ |
| Infeed lug conveyor for unstable products | ✓ | ✓ | ✓ | ✓ |
| Infeed dual conveyor for separation (higher speed) | ✓ | ✓ | ✓ | ✓ |
| Change parts - forming head | ✓ | ✓ | ✓ | ✓ |
| Automatic adjustable side guides and width forming head (flat film needed) | ✓ | ✓ | ✓ | ✓ |
| Infeed vacuum conveyor for light products | ✓ | ✓ | ✓ | ✓ |
| Central seal | ✓ | ✓ | ✓ | ✓ |
| Bottom static seal | ✓ | ✓ | ✓ | ✓ |
| Easy film reel handling/access (flat film needed) | ✓ | ✓ | ✓ | ✓ |
| Double film dispenser unit (flat film needed) | ✓ | ✓ | ✓ | ✓ |
| Double film dispenser unit with manual film splicer (flat film needed) | ✓ | ✓ | ✓ | ✓ |
| Double film dispenser unit with automatic film splicer (flat film needed) | ✓ | ✓ | ✓ | ✓ |
| Center folder unit | ✓ | ✓ | ✓ | ✓ |
| Labeler integration | ✓ | ✓ | ✓ | ✓ |
| Leaflet feeder integration | ✓ | ✓ | ✓ | ✓ |
| Stainless steel upgrade | ✓ | ✓ | ✓ | ✓ |

EMBALLAGE SATURN PACKAGING

LAMBDA SERIES

The **lap sealers** that solidify the package.

* FFS series

lap sealing


EMBALLAGE SATURN PACKAGING

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# **Fully enclosed** *bottom overlap seal package*

The **LAMBDA series** are automatic Lap Sealers or Horizontal Form Fill Seal Wrappers. These machines use a hot knife sealing bar to provide a bottom film overlap seal on the underside of the product. This allows to omit the standard side sealer and save on film consumption. This efficient packaging method eliminates all film waste due to the use of a forming head that forms a shrink film around the product.

These machines can be used with both flat and centerfolded film. The **LAMBDA series** can be used in several industry segments, such as food, chemicals, cosmetics, detergents, wood, textile, graphic, etc.

* FFS-VO series

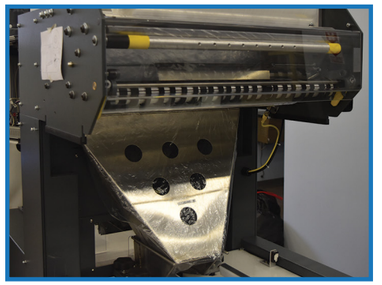
**“ No film waste** *thanks to overlapping seal.*

## ***Technical*** *features*

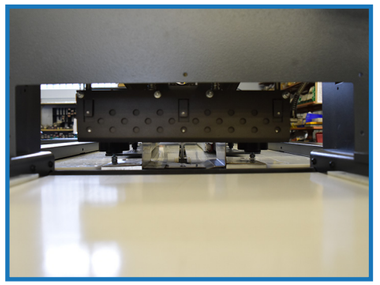
LAMBDA SERIES

# FFS series Intermittent form fill sealer

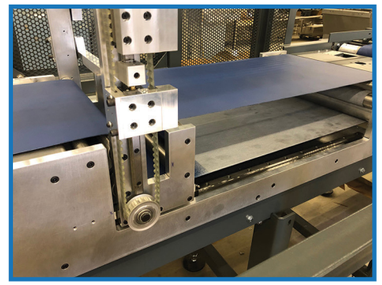
| BASE MODEL KEY ATTRIBUTES | ▸ 4’ inline infeed belt conveyor<br>▸ Motorized film unwinding<br>▸ Forming head<br>▸ 12” film reel diameter<br>▸ 1-4 mil flat film thickness | ▸ Pneumatic hot knife sealing bar<br>▸ Sealing bar safety sensors<br>▸ E-stop<br>▸ Digital temperature controller<br>▸ Omron controls | | |
|---|---|---|---|---|
| **MODELS** | **16** | **26** | **32** | **40** |
| Sealing bar width | 16” | 26” | 32” | 40” |
| Maximum product height | 10” | 10” | 10” | 10” |
| Working height | 36” ± 2” | 36” ± 2” | 36” ± 2” | 36” ± 2” |
| Maximum output (PPM) *<br>** depends on production dimensions and films* | 20 ppm | 18 ppm | 18 ppm | 14 ppm |
| Minimum packing dimensions (L x W x H) | 3” x 2” x 2” | 3” x 2” x 2” | 3” x 2” x 2” | 3” x 2” x 2” |
| Maximum packing dimensions (L x W x H) *<br>** cannot be the max dimensions for all parameters* | ∞ x 14” x 10” | ∞ x 24” x 10” | ∞ x 30” x 10” | ∞ x 38” x 10” |
| Standard film fold | flat | flat | center folded | center folded |
| Maximum film width | 30” | 50” | 30” | 38” |
| **OPTIONS** | | | | |
| Integrated motorized outfeed conveyor with inverter | ✓ | ✓ | ✓ | ✓ |
| 90 degree infeed pusher configuration | ✓ | ✓ | ✓ | ✓ |
| Infeed lug conveyor for unstable products | ✓ | ✓ | ✓ | ✓ |
| Infeed dual conveyor for separation (higher speed) | ✓ | ✓ | ✓ | ✓ |
| Change parts - forming head | ✓ | ✓ | ✓ | ✓ |
| Automatic adjustable side guides and width forming head (flat film needed) | | | | |
| Infeed vacuum conveyor for light products | ✓ | ✓ | ✓ | ✓ |
| Central seal | ✓ | ✓ | ✓ | ✓ |
| Bottom static seal | ✓ | ✓ | ✓ | ✓ |
| Easy film reel handling/access (flat film needed) | ✓ | ✓ | ✓ | ✓ |
| Double film dispenser unit (flat film needed) | ✓ | ✓ | ✓ | ✓ |
| Double film dispenser unit with manual film splicer (flat film needed) | ✓ | ✓ | ✓ | ✓ |
| Double film dispenser unit with automatic film splicer (flat film needed) | ✓ | ✓ | ✓ | ✓ |
| Center folder unit | ✓ | ✓ | | |
| Labeler integration | ✓ | ✓ | ✓ | ✓ |
| Leaflet feeder integration | ✓ | ✓ | ✓ | ✓ |
| Stainless steel upgrade | ✓ | ✓ | ✓ | ✓ |



*Flat film forming head*



*Teflon coated sealing head*



*Continuous conveyor/sealer for FFS-VO*