

TECHNICAL SPECIFICATIONS

FS 400

TR200

TSSF

| PRODUCT DIMENSIONS: (All maximum or all minimum dimensions may not be attainable at the same time) (Consult ULMA for other dimensions) | Lenght | 152 - 450 mm (6"-18") | - | - |
|---|--|--|--|--|
| | Width | 101 - 280 mm (4"- 11") | Up to 300 mm (12") | Up to 350 mm (14") |
| | Height | 12 - 180 mm (1/2"- 7") | Up to 120 mm (5") | Up to 200 mm (8") |
| SPEED | (all maximum and minimum dimensions can not attain maximum speed) | Up to: 60 packs/min. (Depending on product type, dimensions and film) | - | - |
| PACKAGING MATERIAL | | Stretch shrink film SES | - | - |
| FILM WIDTH CAPACITY | | 700 mm (27.3") | - | - |
| MAXIMUM ROLL DIAMETER | | 300 mm (14") | - | - |
| CORE DIAMETER | | 152 mm (6 ") | - | - |
| ELECTRICAL SPECIFICATIONS | Voltage | 230/400 V. Three-phase + N + G 50/60 hz. | 230/400 V. Three-phase + N + G 50/60 hz. | 230/400 V. Three-phase + N + G 50/60 hz. |
| | Power consumption | 10 kVA-15A (400 V), 30A (230V)* | 25 kVA-55A (400 V), 90A (230V)* | 22 kVA-35A (400 V), 70A (230V)* |
| PNEUMATIC CONSUMPTION (6 BARS/90PSI) | | Up to 100 l/min.* (6,5CFM) | Up to 5 l/min.* (0,15CFM) | - |
| APPROXIMATE DIMENSIONS (LxWxH) | | 4130 x 1445 x 1150 mm (163 x 57 x 46") | 1260 x 1000 x 1945 mm (50 x 40 x 77") | 2230 x 1295 x 1190 mm (88 x 51 x 47") |
| APPROXIMATE WEIGHT | | 1.950 kg (4300 lb) | 450 kg (990 lb) | 480 kg (1050 lb) |

* Depending on version and options. ULMA reserves the right to change specifications without prior notice.



ULMA Packaging

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ULMA Packaging, S. Coop. B° Garibai, 28 - Apdo. 145 20.560 OÑATI (Gipuzkoa) SPAIN Tel.: +34 - 943 73 92 00 Fax: +34 - 943 78 08 19 Web: www.ulmapackaging.com e-mail: info@ulmapackaging.com

Global Packaging



FS 400 Flow Pack

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EN

Automatic stretch shrink wrapping machine







Sanitary design infeed belt



Film stretching system



UPC control with 15" graphic icon touch screen



Hot air tracking shrink tunnel

The new FS 400 system is a stretch shrink wrapper that produces a case ready "leak proof" pack for meat and poultry products in trays.

This packaging system is formatted to produce packs with excellent aesthetics. Thus, the FS 400 is equipped with a system that stretches the film and forms a tight bag around the product, while an aspiration system evacuates the excess of air from the pack before the seals are created (avoiding the need for any holes in the pack for air evacuation during the shrinking process). The seals are created by a longitudinal trim seal system and a hot bar seal jaw that produces really narrow seals. The narrow longitudinal trim seal on the bottom of the pack, allows printing on both the top and the bottom of the pack. The final result is a tightly wrapped leak proof case-ready pack with a superb aesthetic appearance.

KEY BENEFITS

- ► Ultra-realiable machine.
- Reduced cost of ownership.

TECHNICAL CHARACTERISTICS

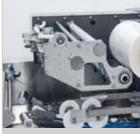
- Printed and non printed films.
- and product changes.
- ► UPC control (ULMA industrial PC) screenpanel.
- Minimum product changeover time.

The FS 400 system includes a wide range of hot air and hot water shrink tunnels that provide to the case-ready packs the required optimum package appearance.

MAIN OPTIONS

- ▶ Right to left versions.

- ► Hot water shrink tunnel.



Narrow seals allow printing on both the top and the bottom of the pack (Leak proof pack)

▶ User friendly machine operation and product changes. ▶ High water protection rate to ensure sanitization and cleaning processes.

▶ Flexible electronic machine to wrap products up to 280 mm. (11") wide and 180 mm. (7") high.

► Automatic indexer for simplifying the feeding and packaging process.

▶ Electronic control of every single motor in the machine, for user friendly machine operation

- Set-up parameters controlled by ULMA industrial PC and user friendly 15" touch

- Data sharing through a computer network.

► Fresh food oriented design for easy cleaning and optimum machine sanitation

▶ Machine is manufactured using stainless steel materials and all its components have a high protection degree against humidity (IP65 or higher)

▶ Sturdy contruction cantilever format frame with all mechanisms isolated from the packaging process to improve machine sanitation and maintenance.

▶ Wash down construction automatic feeding system.

► Photocell for printed film registration system.

► Hot air tracking shrink tunnel for end seal shrinking on printed film application. ► Hot air shrink tunnel for high profile products (whole birds, ...).





Final pack appearance