



### TECHNICAL SPECIFICATIONS

	FS 400	TSSF	TR200
PRODUCT DIMENSIONS: <i>(All maximum or all minimum dimensions may not be attainable at the same time) (Consult ULMA for other dimensions)</i>	Length	152 - 450 mm (6" - 18")	-
	Width	101 - 280 mm (4" - 11")	Up to 300 mm (12")
	Height	12 - 180 mm (1/2" - 7")	Up to 120 mm (5")
SPEED <i>(all maximum and minimum dimensions can not attain maximum speed)</i>	Up to: 60 packs/min. <i>(Depending on product type, dimensions and film)</i>	-	-
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.
	Power consumption	10 kVA-15A (400 V), 30A (230V)*	25 kVA-55A (400 V), 90A (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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More than 50 years evolving, innovating, perfecting our technology and our services. An extensive network that is available to offer you solutions anywhere in the world, and to fully satisfy customers that place their trust in us.

For additional information, please visit our website:

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FS 400  
Flow Pack

| EN

# Automatic stretch shrink wrapping machine



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

- ▶ User friendly machine operation and product changes.
- ▶ High water protection rate to ensure sanitization and cleaning processes.
- ▶ Ultra-reliable machine.
- ▶ Reduced cost of ownership.

## TECHNICAL CHARACTERISTICS

- ▶ Flexible electronic machine to wrap products up to 280 mm. (11") wide and 180 mm. (7") high.
- ▶ Printed and non printed films .
- ▶ Automatic indexer for simplifying the feeding and packaging process.
- ▶ Electronic control of every single motor in the machine, for user friendly machine operation and product changes.
- ▶ UPC control (ULMA industrial PC)
  - Set-up parameters controlled by ULMA industrial PC and user friendly 15" touch screenpanel.
  - Minimum product changeover time.
  - 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 construction cantilever format frame with all mechanisms isolated from the packaging process to improve machine sanitation and maintenance.
- ▶ Wash down construction automatic feeding system.

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.
- ▶ 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, ...).
- ▶ Hot water shrink tunnel.

# FS 400



Sanitary design infeed belt



Film stretching system



UPC control with 15" graphic icon touch screen



Hot air tracking shrink tunnel



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



Final pack appearance