

# cast film lines

**SML**  
EXTRUSION LINES – ENGINEERED TO PERFORM ▶

## ▶ STRETCH WRAP FILM

**SmartCast®**



**Extrusion lines –  
engineered to perform**

# Modular, flexible, powerful

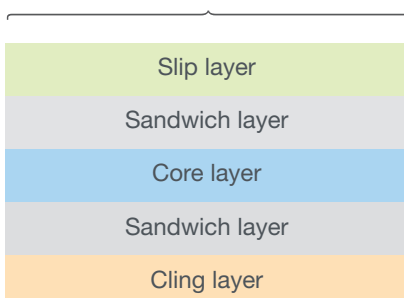
The SmartCast<sup>®</sup> line stands for a high performance and variety since it offers an outstanding number of equipment features.

The SmartCast<sup>®</sup> is remarkable for its modular system consisting of four pre-configured extrusion units. This unique characteristic allows outputs ranging from 1,900 to 3,000 kg/h.

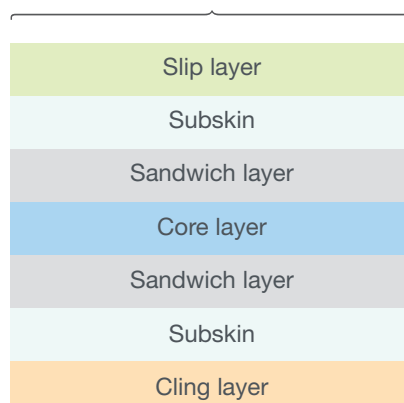
## Key Features

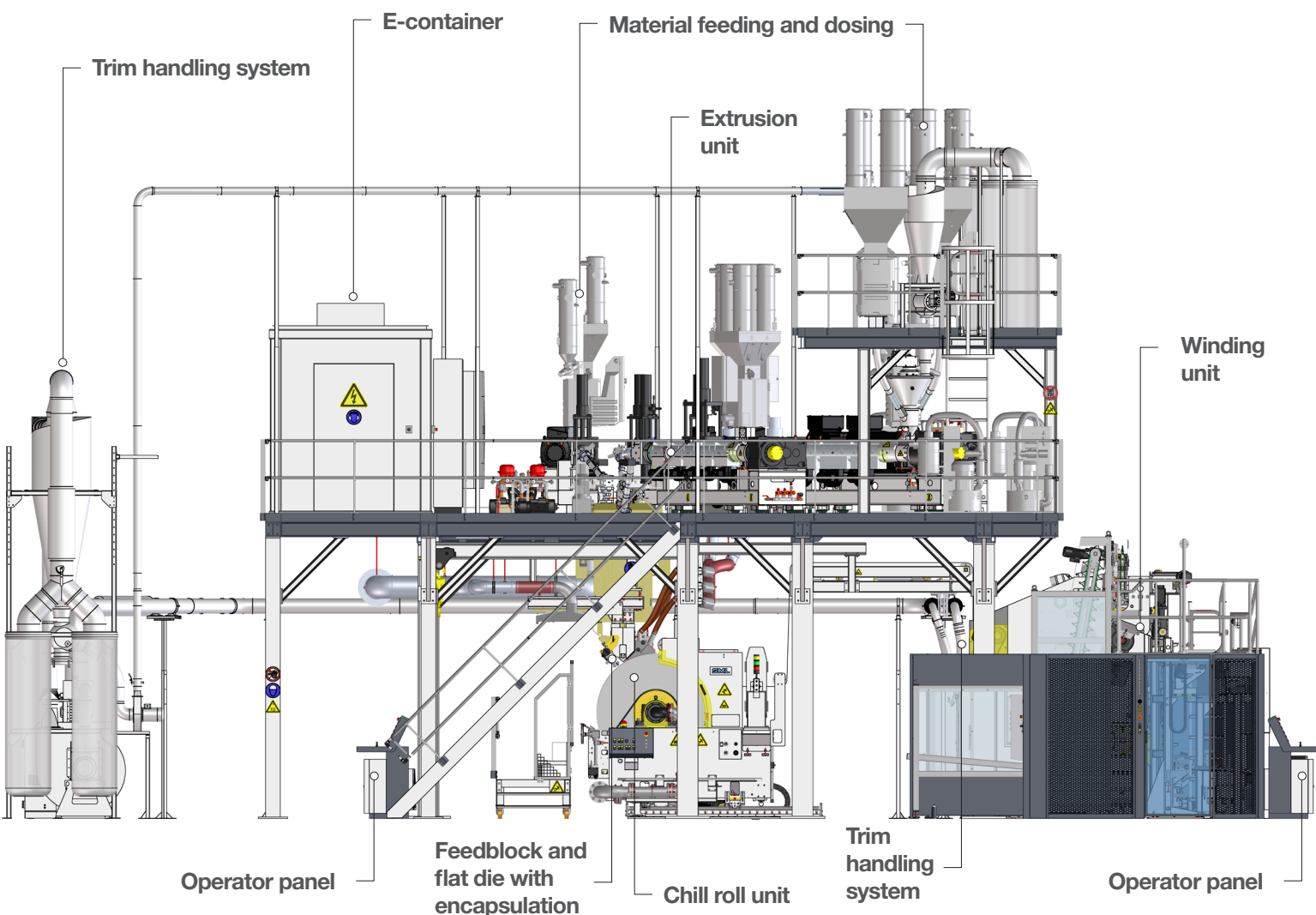
- Compact design and low space requirements
- Low power consumption thanks to energy-saving extrusion technology
- High production flexibility owing to quick changeover times
- Excellent production stability at high speeds

**SmartCast<sup>®</sup> 5L**



**SmartCast<sup>®</sup> 7L**





**PRODUCT SPECIFICATIONS**

Products	super power stretch, automatic stretch, hand stretch, cling film	
Film thickness range	8 - 50 µm	
Film final width	6 x 500 mm	
Film structure	5, 7 or 13 layers	
Production speed	up to 800 m/min	
Net output value <b>SmartCast<sup>®</sup> XL</b>	12 µm	1,400 kg/h
	17 µm	2,000 kg/h
	23 µm	2,400 kg/h

**EXTRUDER CONFIGURATIONS**

<b>SmartCast<sup>®</sup> S</b>	<b>SmartCast<sup>®</sup> M</b>	<b>SmartCast<sup>®</sup> L</b>	<b>SmartCast<sup>®</sup> XL</b>
Gravimetric batch dosing system with 2 components. Option: 3 or 4 components			
5 extruders	6 extruders	5 extruders	6 extruders
2 x 90/33 each 600 kg/h	2 x 90/33 each 750 kg/h	2 x HSE 90/33 each 950 kg/h	2 x HSE 90/33 each 950 kg/h
1 x 75/33 480 kg/h	4 x 60/28 each 240 kg/h	1 x 90/33 600 kg/h	4 x 75/33 each 300 kg/h
2 x 60/28 240 kg/h		2 x 75/33 each 300 kg/h	
SML advanced heaters for the extruder barrels			
Edge encapsulation extruder 45/28D (optional)			
5-layer feedblock	7-layer feedblock	5-layer feedblock	7-layer feedblock
Automatic flat die: 3,800 mm			

**WINDING UNIT**  
Winder W4000-4S



**CHILL ROLL UNIT**

- ▶ Primary chill roll Ø 1,200 mm or 1,600 mm, width 3,800 mm
- ▶ Optional secondary chill roll Ø 400 mm, width 3,800 mm
- ▶ Automatic positioning
- ▶ IR thickness measurement
- ▶ Alternative: X-ray or Beta sensor
- ▶ Oscillating frame
- ▶ Cut-resistant guiding rolls

**WINDER W4000-4S**

- ▶ Machine and jumbo rolls (up to 60 kg) on 3-inch cores
- ▶ Hand rolls on 2-inch cores
- ▶ Thin core technology
- ▶ Shortest cycle time
- ▶ Ultimate short film tail for a perfect roll finish
- ▶ Optional: coreless winding

Alternative: Winder W4000-2S and winder W3000-4S are available for **SmartCast<sup>®</sup>** lines.

**EDGE TRIM REFEEDING SYSTEM**

- ▶ Recycling unit with reel feeder for the pelletising of edge trims and start-up rolls.  
Alternative: Vertical scraptruder (fluff refeeding system).

**Superior film and winding quality**  
**Ultra short film tail for a perfect roll finish**  
**Thin core technology**

**Products:**

- Super power stretch
- Automatic stretch
- Hand stretch
- Cling film



▶ **Take advantage  
of our global  
leadership in  
extrusion  
technology.**

**ANALYSES  
DEVELOPMENT  
PRE-TESTED PERFORMANCE  
DELIVERY ON TIME  
SERVICE SUPPORT  
CUSTOMER SATISFACTION**

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