

cast film lines

SML
EXTRUSION LINES – ENGINEERED TO PERFORM ▶

▶ STRETCH WRAP FILM

SmartCast®



**Extrusion lines –
engineered to perform**

Modular, flexible, powerful

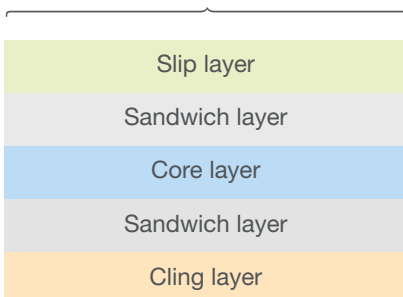
The SmartCast[®] line stands for a high performance and variety since it offers an outstanding number of equipment features.

The SmartCast[®] 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.

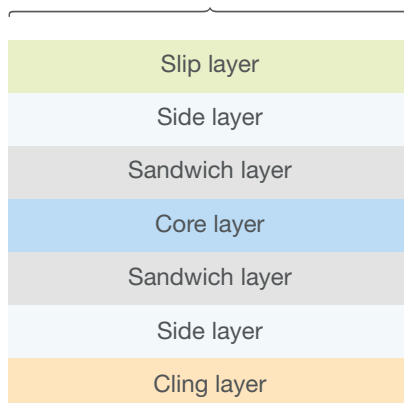
► **Key Features**

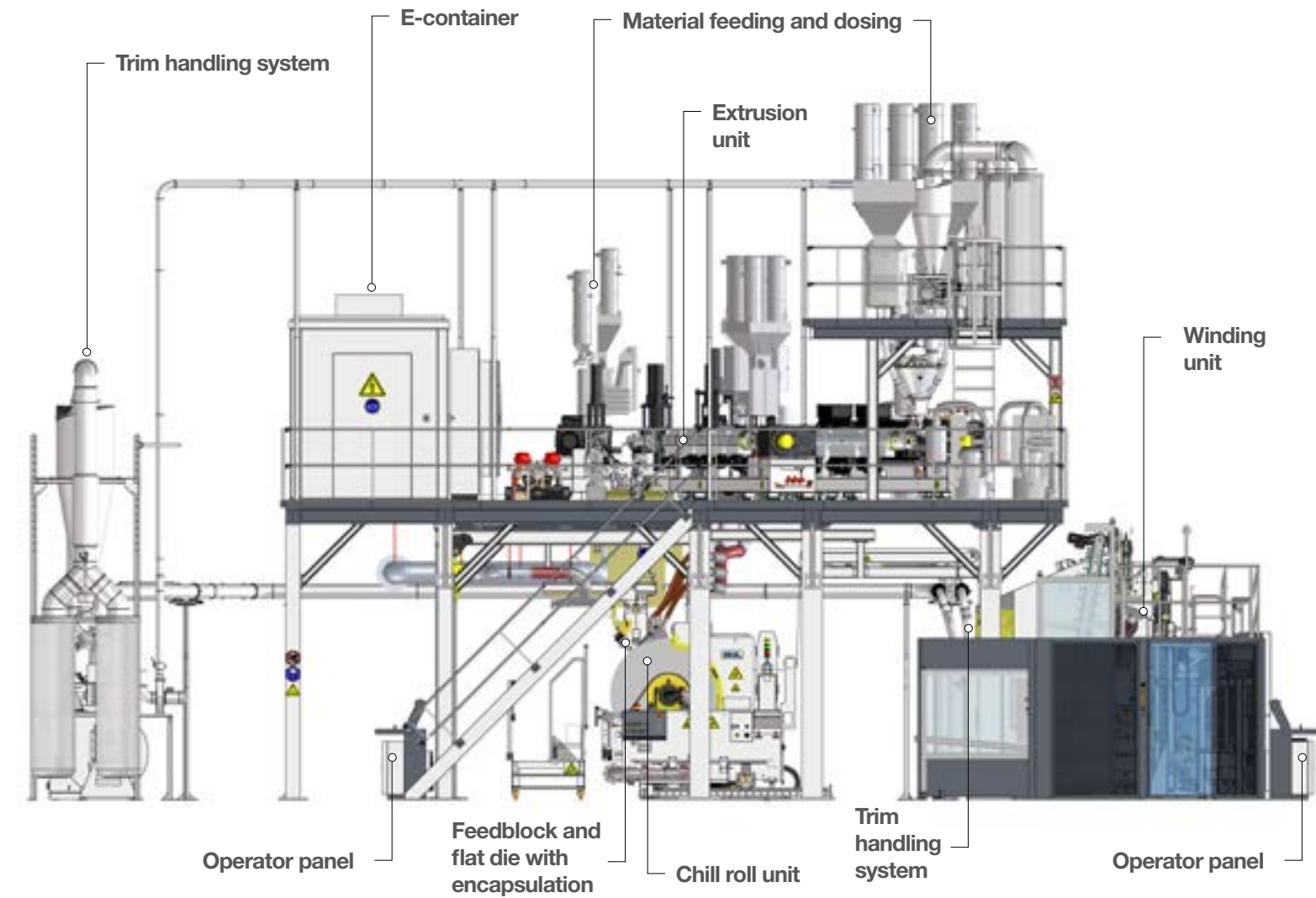
- Compact design and low space requirements
- Low power consumption thanks to energy-saving extrusion technology
- High production flexibility owing to quick changeover times
- Excellent production stability at high speeds

SmartCast[®] 5L



SmartCast[®] 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 or 7 layers	
Production speed	up to 800 m/min	
Net output value SmartCast[®] XL	12 µm	1,400 kg/h
	17 µm	2,000 kg/h
	23 µm	2,400 kg/h

EXTRUDER CONFIGURATIONS

SmartCast[®] S 5L	SmartCast[®] M 7L	SmartCast[®] L 5L	SmartCast[®] XL 7L
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)			Edge encapsulation
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[®]** 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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