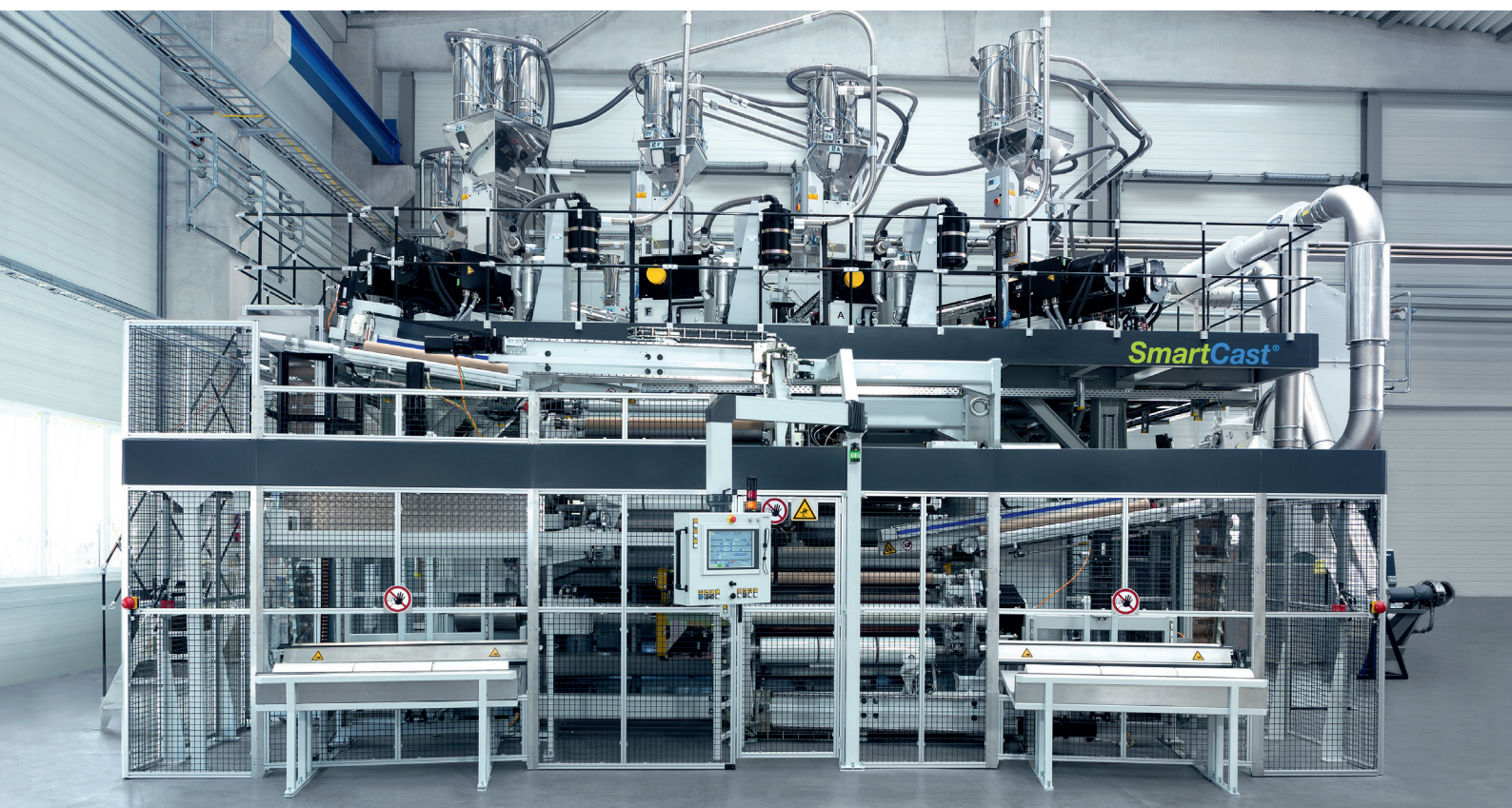


SML

EXTRUSION LINES – ENGINEERED TO PERFORM ►



SmartCast®

STRETCH FILM
EXTRUSION LINE

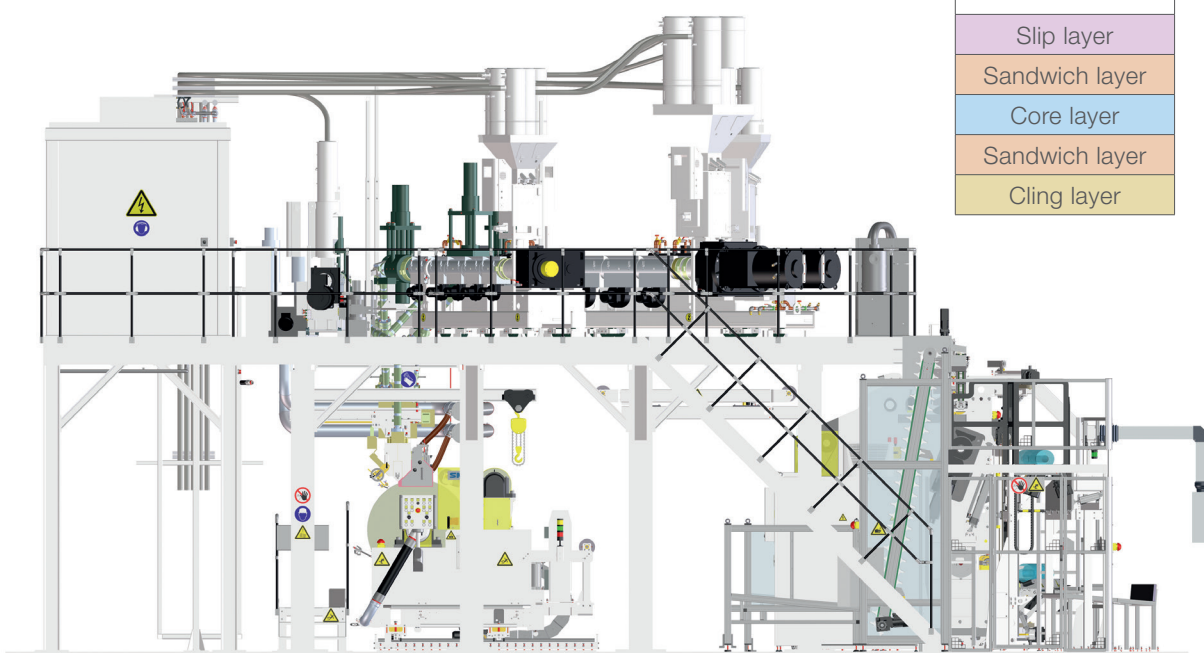
The name **SmartCast®** stands for SML's new 3 meter wide (6-up) machine concept for the production of enhanced stretch film qualities at top performance level. A modular system with four pre-configured extrusion units at throughputs ranging from 1,900 kg/h to 3,000 kg/h and the choice between five or seven layers guarantee easy customizing to meet individual requirements.



WHY SML **SmartCast®**?

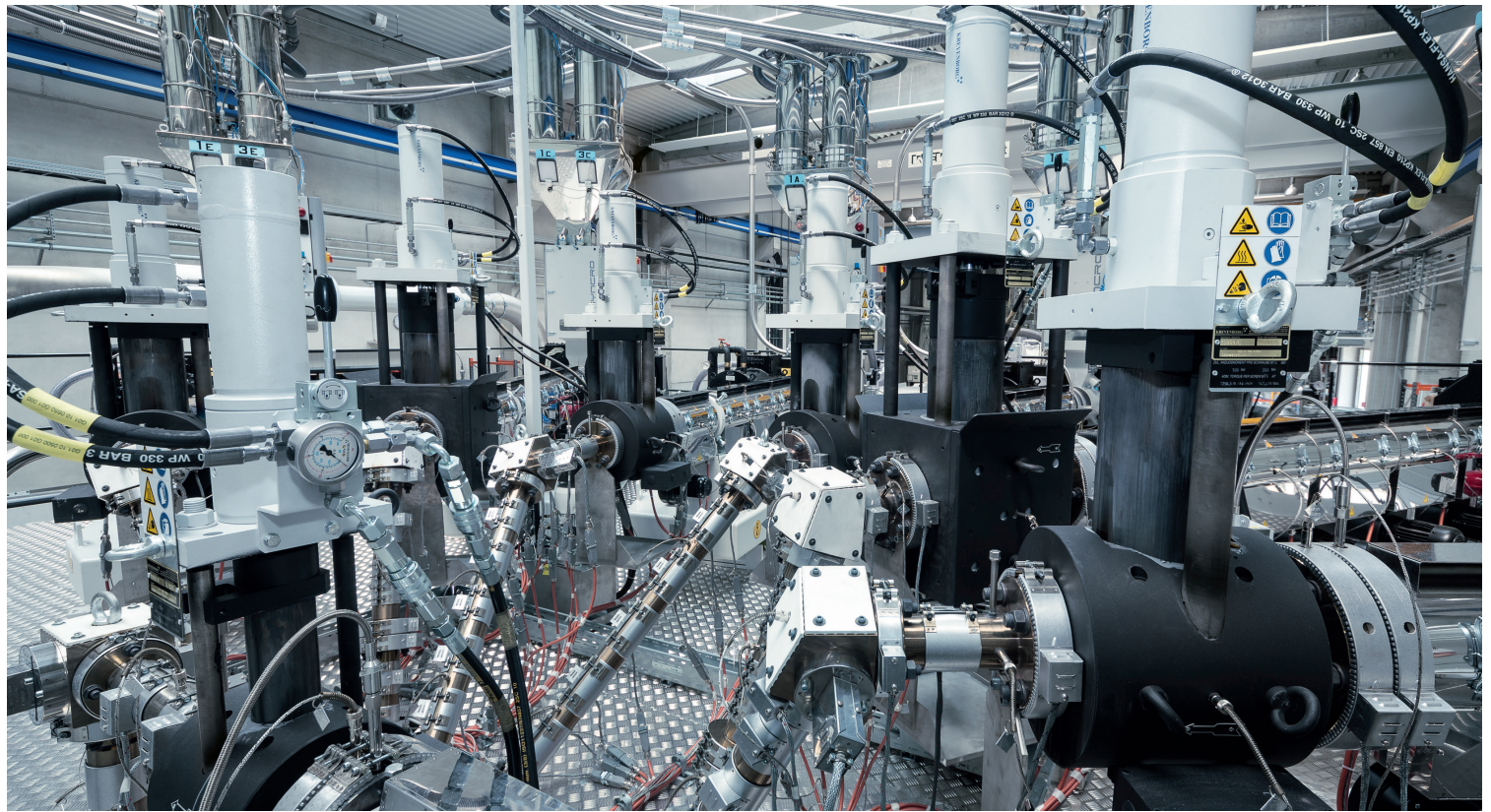
- Compact design and low space requirement in production building
- Low power consumption thanks to energy saving extrusion technology
- High production flexibility owing to quick changeover times
- Excellent line stability at high speeds
- Superior film and winding quality
- Ultimate short film tail for perfect roll finish

Products	super power stretch, automatic stretch, hand stretch, cling film	
Film thickness range	8 - 50µm	
Film final width	6 x 500mm	
Film structure	5 or 7 layers	
Production speed	up to 750 m/min	
Net output value SmartCast® XL:	12µm	1,400 kg/h
	17µm	2,000 kg/h
	23µm	2,400 kg/h



SmartCast® 5L:
Slip layer
Sandwich layer
Core layer
Sandwich layer
Cling layer

SmartCast® 7L:
Slip layer
Side layer
Sandwich layer
Core layer
Sandwich layer
Side layer
Cling layer



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 900 kg/h	2 x HSE 90/33 each 900 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
1 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: 3,750mm			

CHILL ROLL UNIT:

- Primary chill roll Ø 1,200mm, width 3,800mm
- Secondary chill roll Ø 400mm, width 3,800mm
- 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 60kg) on 3-inch cores
- Hand rolls on 2-inch cores
- Thin core technology
- Shortest cycle time
- Ultimate short film tail for perfect roll finish
- Optional: coreless winding

EDGE TRIM REFFEDING SYSTEM:

Recycling unit with reel feeder for pelletizing of edge trims and start-up rolls.

Alternative: Vertical scraptruder (fluff refeeding system).

Alternatively also winder W4000-2S and winder W3000-4S available for SmartCast® Lines.



EXTRUSION LINES – ENGINEERED TO PERFORM ►

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100%
eXtrusion
CAST FILM LINES

ANALYSES | DEVELOPMENT

PRE-TESTED PERFORMANCE | DELIVERY ON TIME

SERVICE SUPPORT | CUSTOMER SATISFACTION

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