

SML

EXTRUSION LINES – ENGINEERED TO PERFORM ►

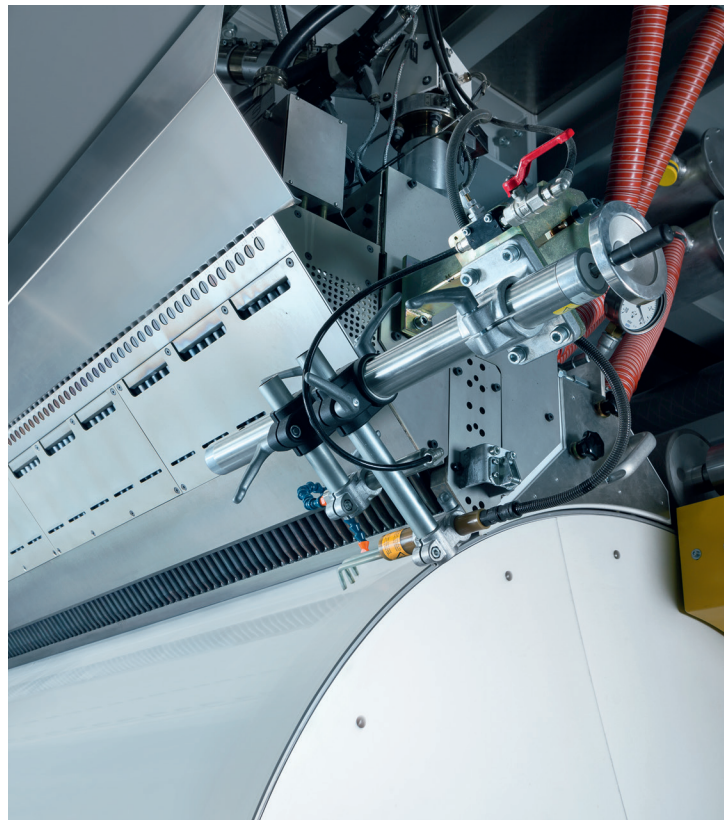


PowerCast

STRETCH FILM
EXTRUSION LINE

PowerCast represents the latest 4 meter wide (8-up) stretch film line

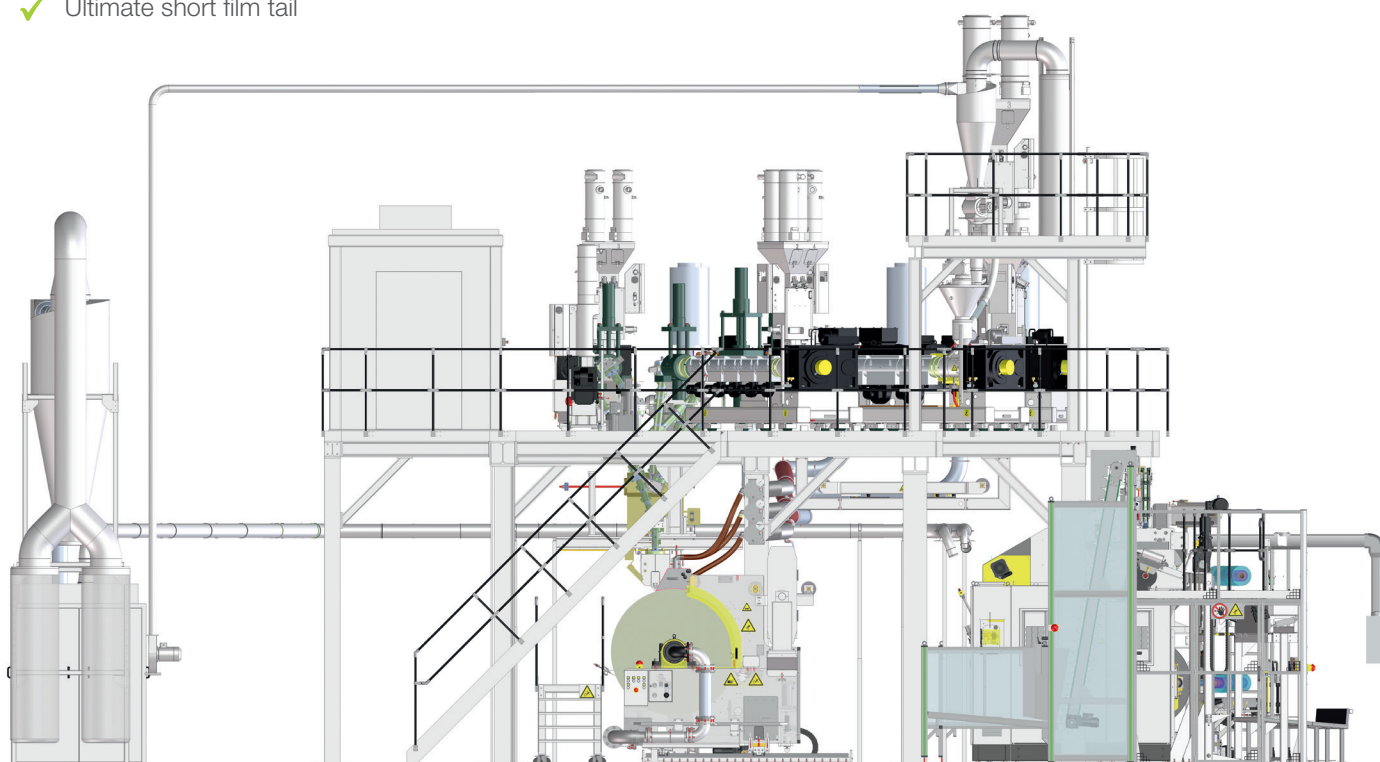
which combines an ultimate low space requirement with highest production flexibility for 3-inch hand, machine and jumbo rolls at top performance level. This standardised system with three pre-configured extrusion units at throughputs ranging from 2,400 kg/h to 4,200 kg/h and the choice between 7, 9, 11, 13, 55 or 67 layers guarantees easy customising to meet individual requirements.

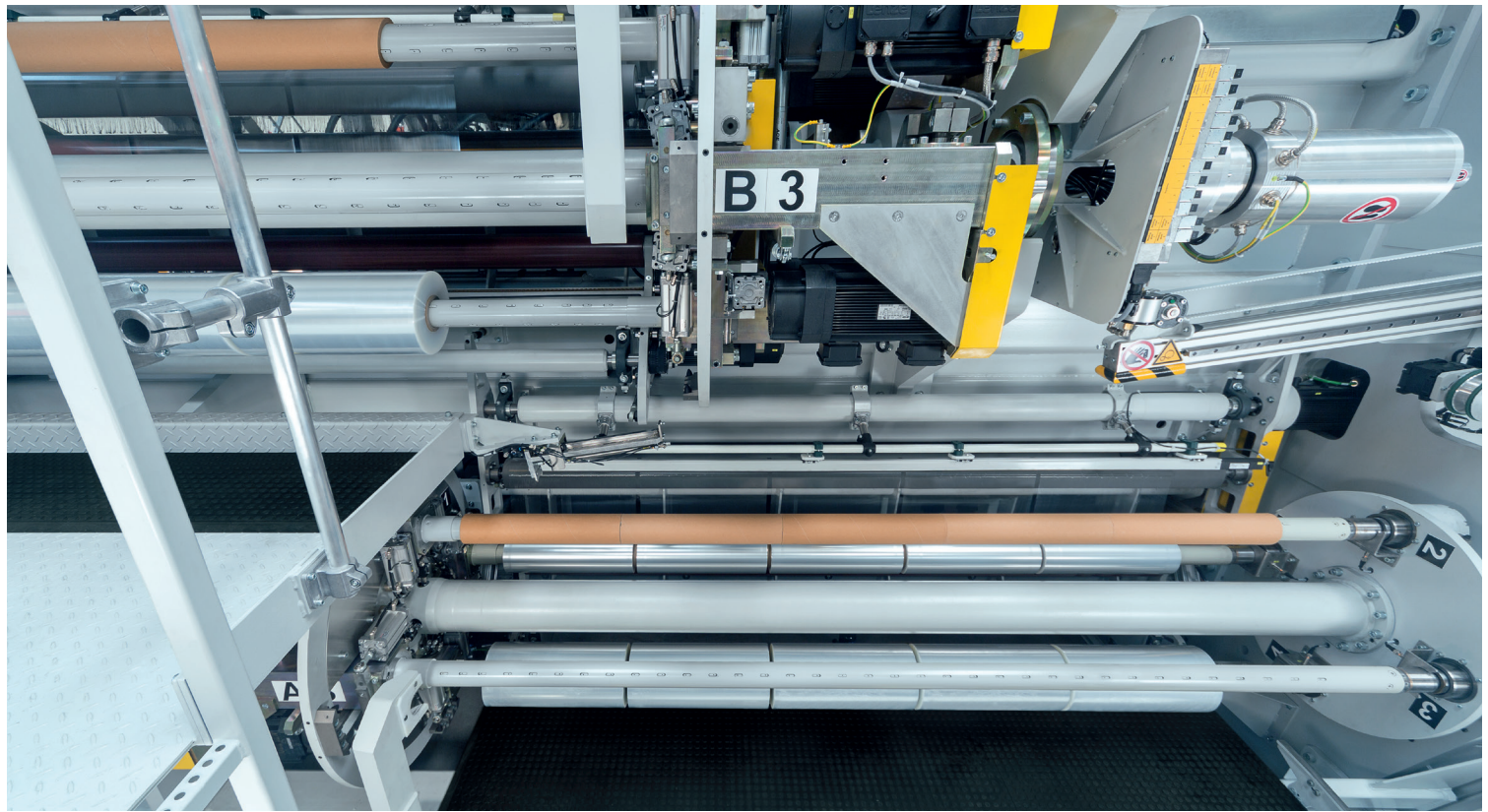


Why SML PowerCast?

- ✓ Narrow design, low space requirement
- ✓ Low power consumption thanks to energy saving extrusion technology
- ✓ Lowest labour cost per kg film
- ✓ High output even at thin gauge
- ✓ Superior film quality due to optimised chill roll design
- ✓ Excellent line stability at high speeds
- ✓ Flexible roll width 400/450/500/750mm
- ✓ Ultimate short film tail

Products	super power stretch, automatic stretch, hand stretch, cling film	
Film thickness range	8 - 50µm	
Film final width	8 x 500mm, 9 x 450mm, 10 x 400mm	
Film structure	7 - 67 layers	
Production speed	up to 850 m/min	
Net output value PowerCast	12µm	>2,000 kg/h
	23µm	3,400 kg/h





Extruder configurations

PowerCast S	PowerCast L	PowerCast XL
Gravimetric batch dosing system with 2 components. Option: 3 or 4 components		
7 extruders	7 extruders	7 extruders
2 x 90/33 each 600 kg/h	2 x 90/33 each 950 kg/h	2 x 90/33 each 950 kg/h
5 x 60/28 each 240 kg/h	5 x 75/33 each 380 kg/h	4 x 75/33 each 450 kg/h
		1 x 90/33 600 kg/h
SML advanced heaters for extruder barrel		
Edge encapsulation extruder 45/28D		
7-layer feedblock (optional 9, 11, 13, 55, 67 layers)		
Automatic flat die: 4,800mm		5,435mm

Chill roll unit

- Primary chill roll Ø 1,600mm, width 5,000mm
- Optional chill roll Ø 400mm, width 5,000mm
- Automatic positioning
- IR thickness measurement
- Alternative: X-ray or beta sensor
- Oscillating frame
- Cut-resistant guiding rolls

Winder W4000-4S

- 2 turrets for total 8 x 500mm / 9 x 450mm / 10 x 400mm
- Hand, machine and jumbo rolls (up to 60kg) on 3-inch cores
- Ultimate short film tail for perfect roll finish
- Optional: Winder W4000-2S

Edge trim reffeding system

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

Alternative: Vertical scraptruder (fluff refeeding system).

- ▶ 4 METER WIDE (8-UP) STANDARD STRETCH FILM LINE
- ▶ 4,5 METER WIDE (9-UP) XL STRETCH FILM LINE
- ▶ CHOICE BETWEEN 7 TO 67 LAYERS



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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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