

SML

EXTRUSION LINES – ENGINEERED TO PERFORM ▶



PowerCast

STRETCH FILM
EXTRUSION LINE

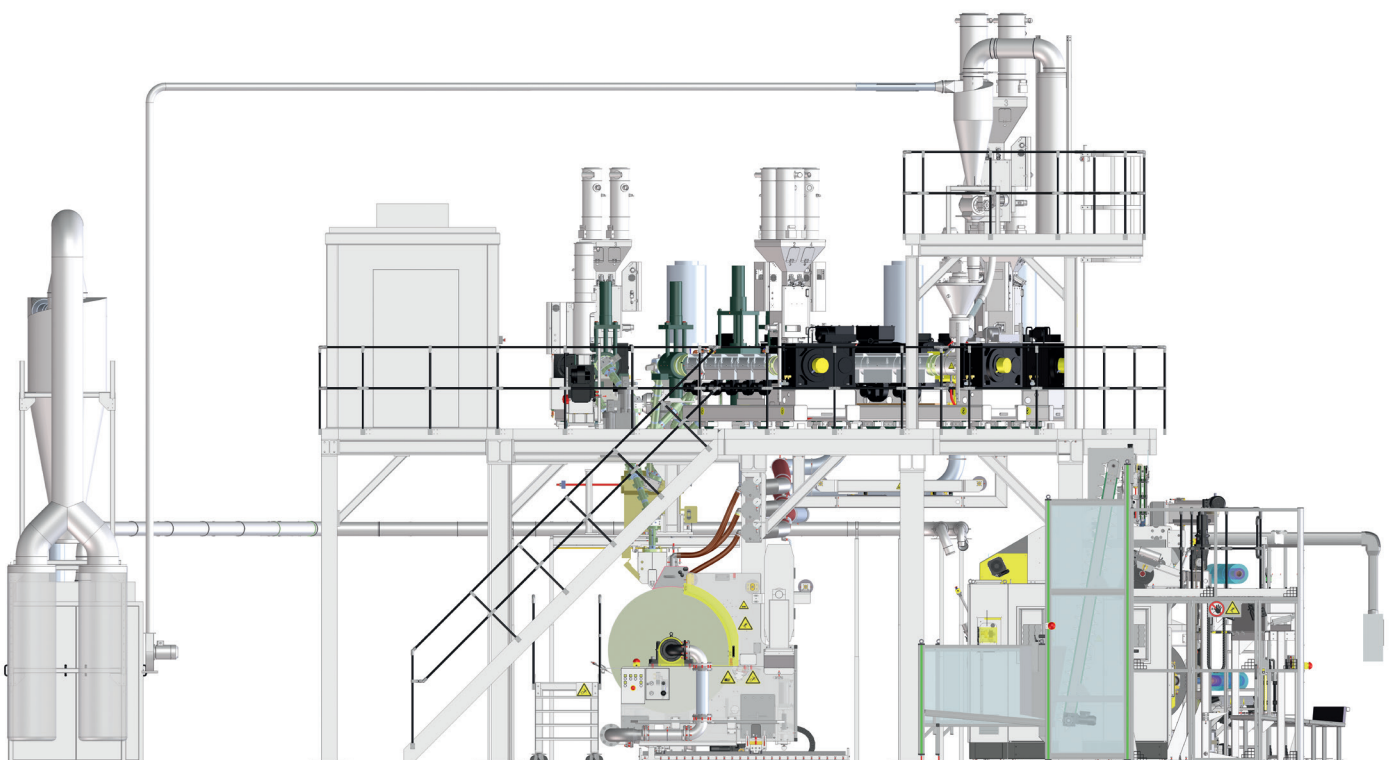
PowerCast represents the latest 4 meter wide (8-up) stretch film line which combines an ultimate low space requirement with highest production flexibility for 3-inch hand, machine and jumbo rolls at top performance level. This standardised system with three pre-configured extrusion units at throughputs ranging from 2,400 kg/h to 3,800 kg/h and the choice between 7, 9, 11, 13 or 55 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 400/450/500mm
- 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 - 55 layers	
Production speed	up to 850 m/min	
Max. net output value PowerCast:	12µm	>2,000 kg/h
	23µm	3,200 kg/h





EXTRUDER CONFIGURATIONS:

PowerCast S	PowerCast XL	PowerCast Nano
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	5 x 75/33 each 380 kg/h
SML advanced heaters for the extruder barrels		
Edge encapsulation extruder 45/28D		
7-layer feedblock (optional 9, 11 or 13-layer)		55-layer feedblock
Automatic flat die: 4,800mm		

CHILL ROLL UNIT:

- Primary chill roll Ø 1,600mm, 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 RE-FEEDING SYSTEM:

Vertical scraptruder (fluff re-feeding system)
Alternative: Recycling unit with reel feeder for pelletizing of edge trims and start-up rolls.





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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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