SML

EXTRUSION LINES – ENGINEERED TO PERFORM



MiniCast®

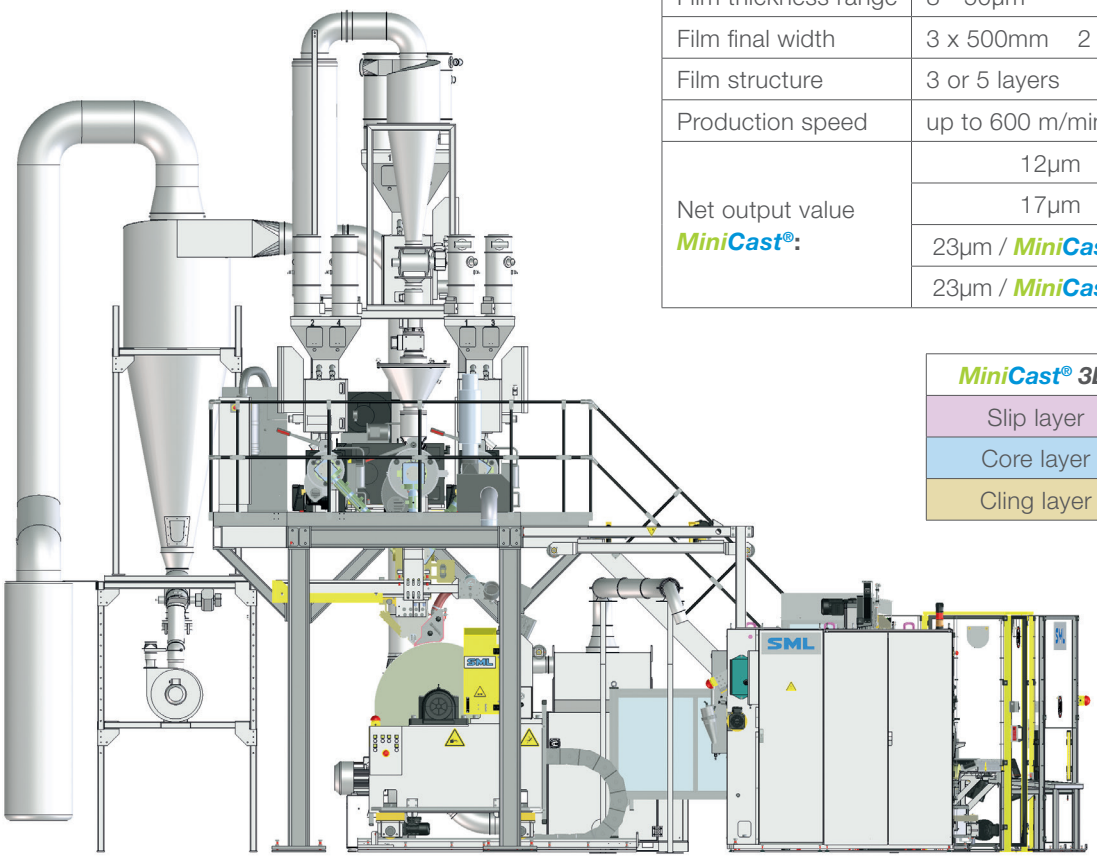
STRETCH FILM
EXTRUSION LINE

MiniCast® the new 1,5 meter wide (3-up) stretch film line which combines an ultimate low space requirement with highest production flexibility for hand, machine and jumbo rolls at top performance level. This standardised system with two pre-configured extrusion units at throughputs ranging from 1,200 kg/h to 1,400 kg/h and the choice between three or five layers guarantee easy customising to meet individual requirements.



WHY SML *MiniCast®*?

- Compact design, low space requirement
- Easy to operate
- Low power consumption thanks to energy saving extrusion technology
- High production flexibility owing to quick changeover times
- Efficient for production of small lots
- Excellent film properties
- 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	3 x 500mm 2 x 750mm	
Film structure	3 or 5 layers	
Production speed	up to 600 m/min	
Net output value *MiniCast®*:	12µm	600 kg/h
	17µm	860 kg/h
	23µm / *MiniCast® 3L*	900 kg/h
	23µm / *MiniCast® 5L*	1,050 kg/h

MiniCast® 3L:
Slip layer
Core layer
Cling layer

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



LINE CONFIGURATIONS:

MiniCast® 3L	*MiniCast® 5L*
Gravimetric batch dosing system with 2 components. Option: 3 or 4 components	
3 extruders	4 extruders
1 x 90/33 800 kg/h	1 x 90/33 800 kg/h
2 x 60/28 2 x 200 kg/h	3 x 60/28 3 x 200 kg/h
SML advanced heaters for the extruder barrels	
3-layer feedblock	5-layer feedblock
Automatic flat die: 2,000mm	

CHILL ROLL UNIT:

- Chill roll Ø 1,200mm, width 2,100mm
- Automatic positioning
- Optical thickness measurement
- Oscillating frame

SPACE REQUIRED:

Length: 8,200mm Width: 12,000mm Height: 8,000mm



EDGE TRIM REFEEDING SYSTEM:

Vertical scraptruder (fluff refeeding system) or alternative recycling unit with reel feeder for pelletizing of edge trims and start-up 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

Alternatively: Winder W4000-2S

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100% extrusion
CAST FILM LINES

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

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