

Cast film lines

SML
EXTRUSION LINES – ENGINEERED TO PERFORM ▶

- ▶ **MasterCast**
6 m line concept, 12-up

Stretch wrap film



**EXTRUSION LINES –
Engineered to perform**

Stepping up the game with unrivalled volume

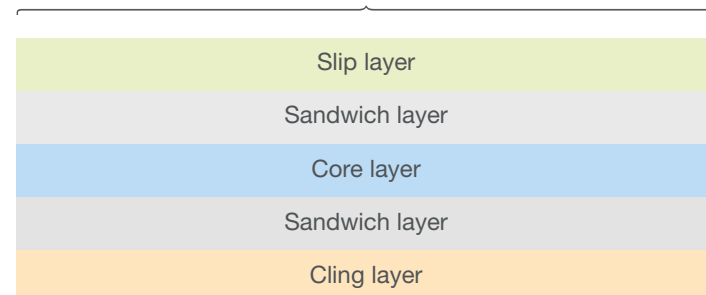
SML's MasterCast is the largest cast film extrusion line of its kind and stands for an exceptional performance. The numbers speak for themselves: MasterCast enables productions with a width of 6 meters (12-up) and an installed extrusion capacity of up to 5,000 kg/h.

KEY FEATURES

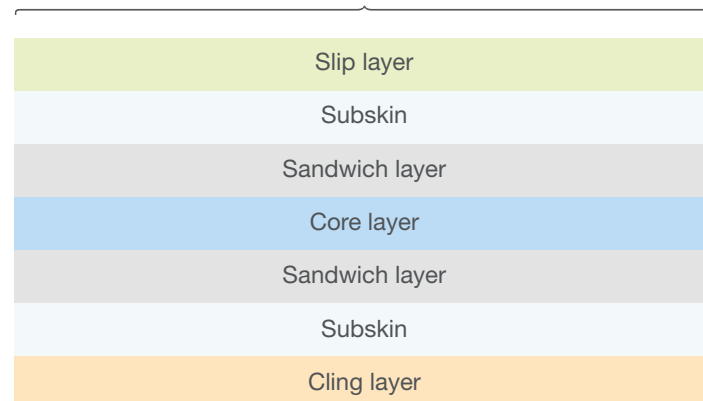
- Compact design, low space requirements
- Easy to operate
- Lowest power consumption per kg film
- Lowest labor cost per kg film
- High output even at thin gauge
- High production efficiency due to a low edge trim ratio
- Excellent production stability at high speeds

LAYER DISTRIBUTION

MasterCast5L



MasterCast7L



Products are:

Super power, machine, hand, cling and agricultural film

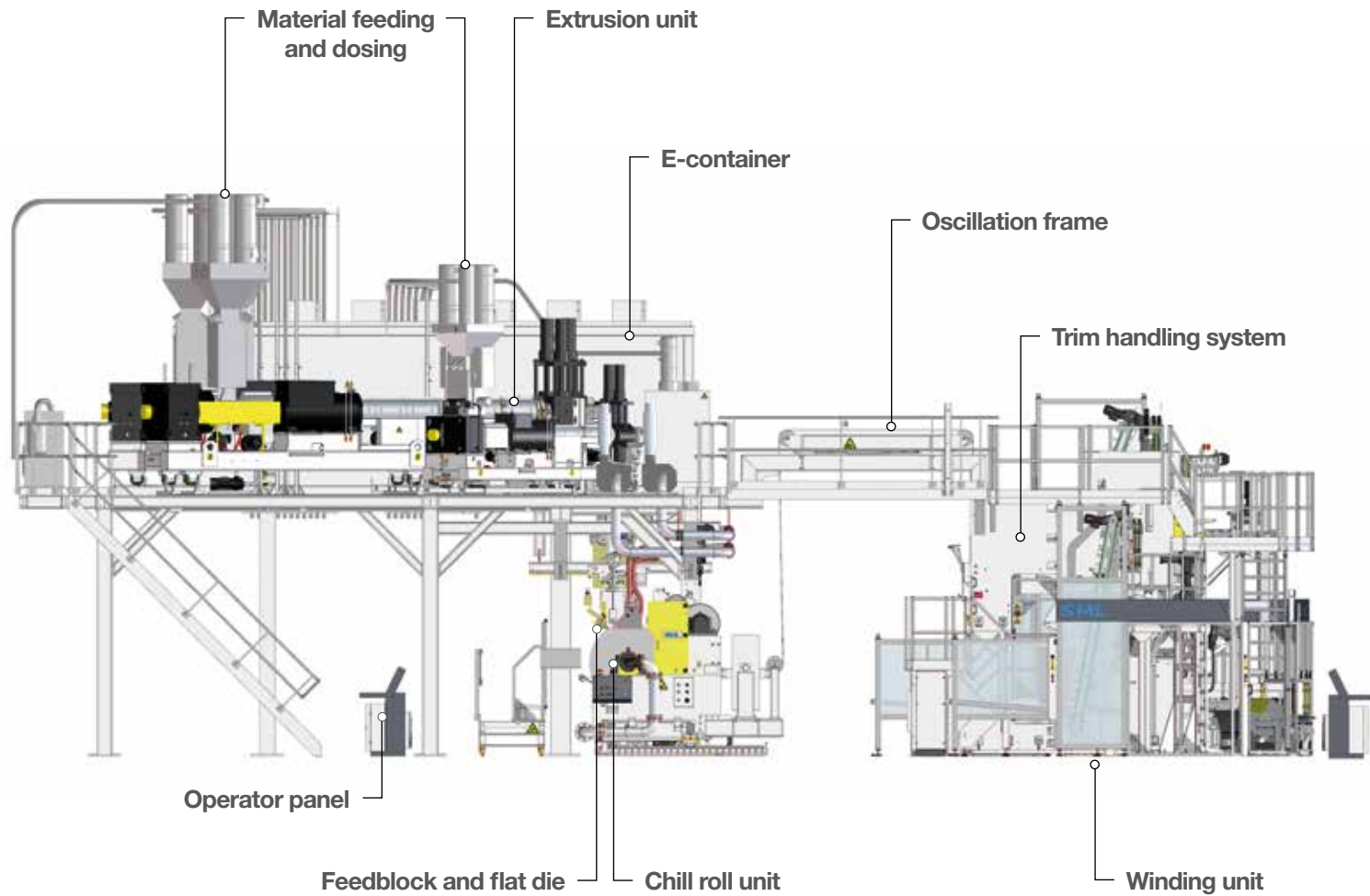
PRODUCT PROPERTIES

Utmost strength and durability in terms of:

- Ultimate strength
- Tear propagation resistance
- Puncture force

▶ Ultra short film tail for perfect roll finish





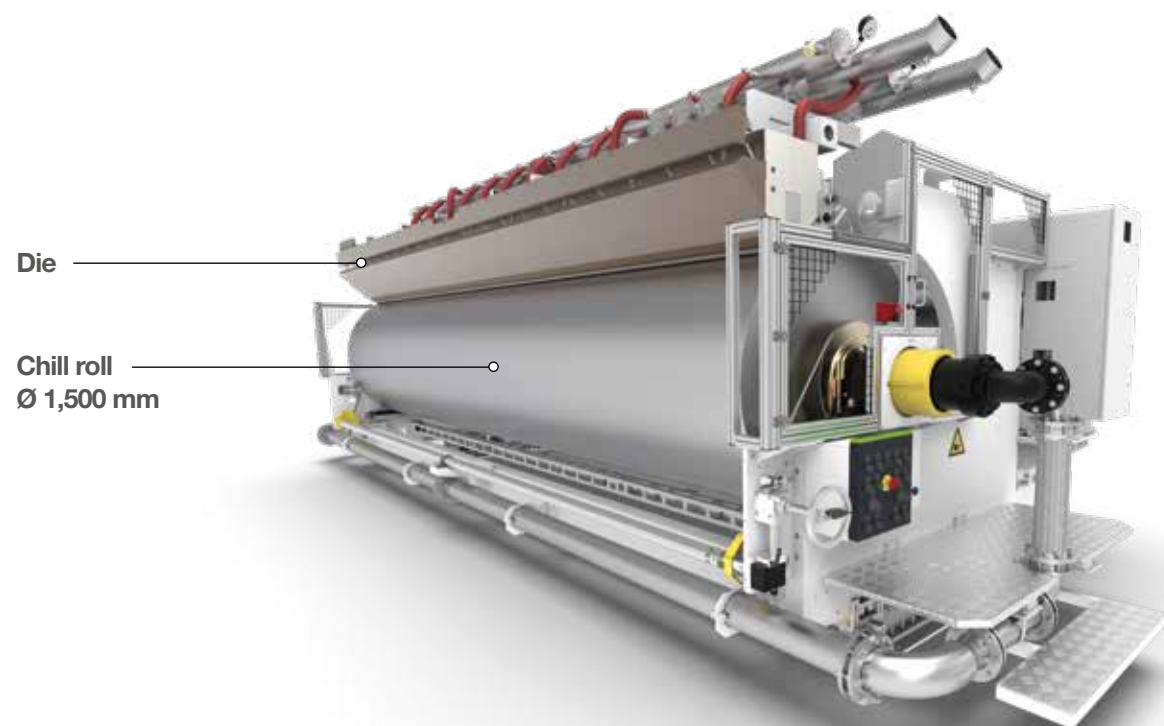
PRODUCT SPECIFICATION

Products	Super power, machine, hand, cling and agricultural film	
Film thickness range	8–50 µm	
Film final width	12 x 500 mm	
Film structure	5 or 7 Layers	
Production speed	Up to 650 m/min	
Film thickness / net output value	12 µm	2,400 kg/h
	17 µm	3,300 kg/h
	23 µm	4,000 kg/h

EXTRUDER CONFIGURATIONS

<i>MasterCast5L</i>	<i>MasterCast7L</i>
Gravimetric batch dosing system with 2 components. Option: 3 or 4 components	
5 extruders: 2 x 150/33 each 1,250 kg/h 1 x 135/33 1,050 kg/h 2 x 90/33 each 600 kg/h	6 extruders: 2 x 150/33 each 1,250 kg/h 4 x 90/33 each 600 kg/h
SML advanced heaters for extruder barrels	
5-layer feedblock	7-layer feedblock (edge encapsulation optional)
Automatic flat die: 6,950 mm	

CHILL ROLL UNIT



CHILL ROLL UNIT

- ▶ First chill roll Ø 1,200 mm or 1,500 mm, width 7,000 mm
- ▶ Second chill roll Ø 600 mm, width 7,000 mm
- ▶ Automatic positioning
- ▶ IR thickness measurement
- ▶ Alternative: X-ray or beta sensor
- ▶ Oscillating frame
- ▶ Cut-resistant guiding rolls

WINDER W4000-2S/4S

- ▶ 3 Turrets with 4 x 500 mm
- ▶ Total film width of 12 x 500 mm
- ▶ Machine and jumbo rolls (up to 60 kg) on 3-inch cores
- ▶ Thin core technology

EDGE TRIM RE-FEEDING SYSTEM

- ▶ Fluff re-feeding via vertical scraptruder or alternative recycling unit with reel feeder for pelletising of edge trims and start-up rolls.

OPTIONAL EQUIPMENT

- ▶ Modified edges
- ▶ K-AP
- ▶ Film temperature measurement (FTM)

▶ For more information
about
STRETCH FILM LINES
follow the link



Engineered to perform.

SML – the leading manufacturer of high-end extrusion lines

- ▶ Cast film lines
- ▶ Sheet lines
- ▶ Coating and laminating lines
- ▶ Spinning lines
- ▶ Winding technology

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