

cast film lines

SML
EXTRUSION LINES – ENGINEERED TO PERFORM ▶

▶ STRETCH WRAP FILM

MasterCast[®]



**Extrusion lines –
engineered to perform**

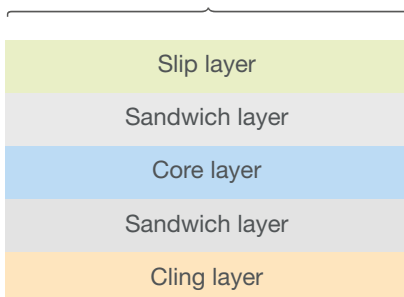
Stepping up the game with unrivalled volume

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.

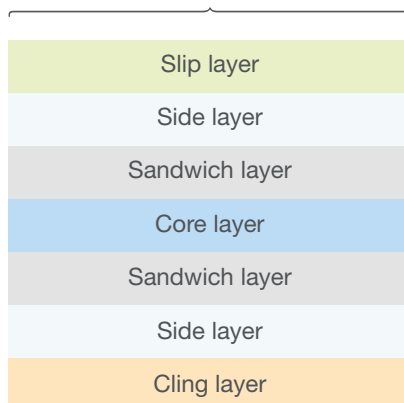
Key Features

- Narrow 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

MasterCast® 5L



MasterCast® 7L



Products:

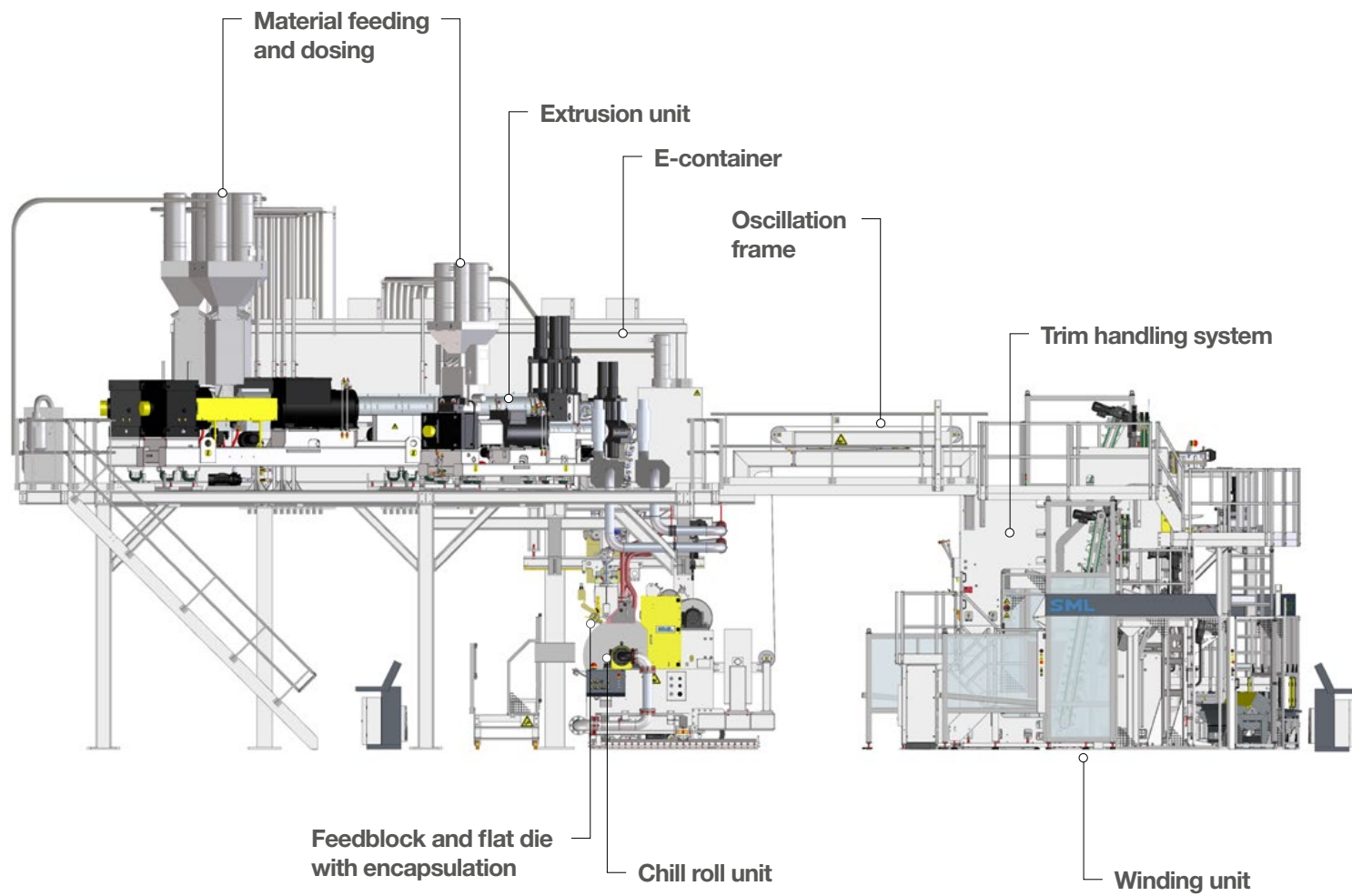
Super power stretch

Automatic stretch

Hand stretch

Cling film





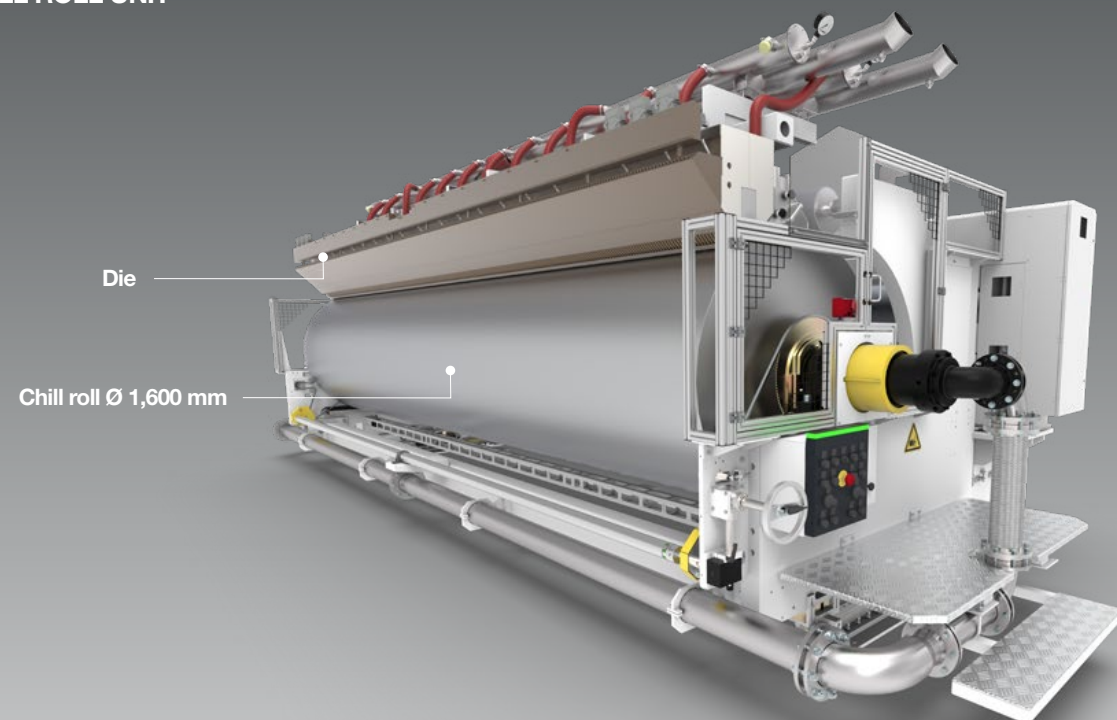
PRODUCT SPECIFICATIONS

Products	super power stretch, automatic stretch, hand stretch, cling film	
Film thickness range	(8) 10 - 50 µm	
Film final width	12 x 500 mm	
Film structure	5 or 7 layers	
Production speed	up to 650 m/min	
Net output value MasterCast®	12 µm	2,400 kg/h
	17 µm	3,300 kg/h
	23 µm	4,000 kg/h

EXTRUDER CONFIGURATIONS

MasterCast® 5L	MasterCast® 7L
Gravimetric batch dosing system with 2 components. Option: 3 or 4 components	
5 extruders	6 extruders
2 x 150/33 each 1,250 kg/h	2 x 150/33 each 1,250 kg/h
1 x 135/33 1,050 kg/h	4 x 90/33 each 600 kg/h
2 x 90/33 each 600 kg/h	
SML advanced heaters for extruder barrels	
5-layer feedblock	7-layer feedblock
Automatic flat die: 6,950 mm	

CHILL ROLL UNIT



CHILL ROLL UNIT

- ▶ Primary chill roll Ø 1,200 mm or 1,600 mm, width 7,000 mm
- ▶ Secondary chill roll Ø 600 mm, width 7,000 mm
- ▶ 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 REFEEDING SYSTEM

- ▶ Recycling unit with reel feeder for pelletising of edge trims and start-up rolls.
Alternative: Vertical scraptruder (fluff refeeding system).

Outstanding film properties

- ultimate
- tear propagation
- puncture force

► **Take advantage
of our global
leadership in
extrusion
technology.**

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

SML
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