

# cast film lines

**SML**  
EXTRUSION LINES – ENGINEERED TO PERFORM ▶

▶ STRETCH WRAP FILM

*MiniCast*<sup>®</sup>



**Extrusion lines –  
engineered to perform**

# Small space, big performance

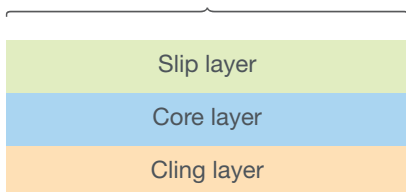
The MiniCast<sup>®</sup> line stands out as the ideal solution for a high-volume stretch film production even in the smallest spaces.

On a minimum floor area of less than 100 m<sup>2</sup>, the MiniCast<sup>®</sup> can be equipped with up to four extruders which facilitate a combined extrusion throughput ranging from 1,200 kg/h to 1,400 kg/h.

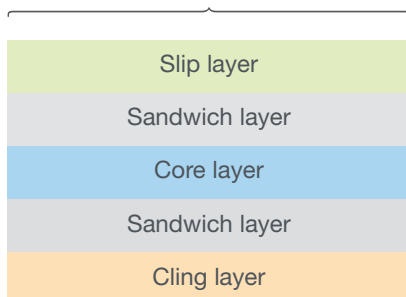
**Key Features**

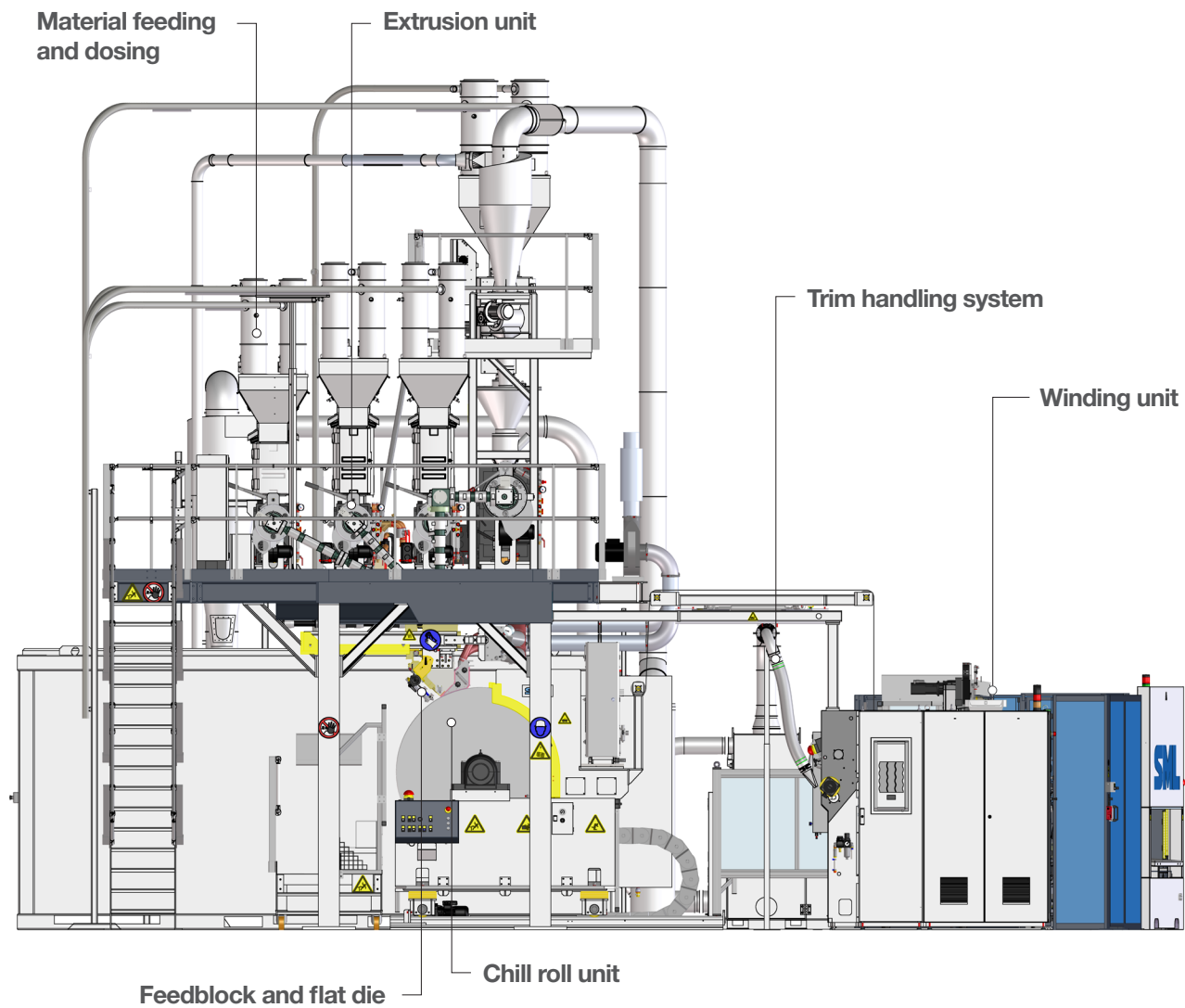
- Compact design and low space requirements
- Low power consumption thanks to energy saving extrusion technology
- High production flexibility owing to quick changeover times
- Efficient production of small lots
- Easy to operate

**MiniCast<sup>®</sup> 3L**



**MiniCast<sup>®</sup> 5L**





**PRODUCT SPECIFICATIONS**

Products	super power stretch, automatic stretch, hand stretch, cling film, agricultural film	
Film thickness range	8 - 50 µm	
Film final width	3 x 500 mm	
Film structure	3 or 5 layers	
Production speed	up to 650 m/min	
Net output value <i>MiniCast</i>	12 µm	600 kg/h
	17 µm	845 kg/h
	23 µm / <i>MiniCast 3L</i>	900 kg/h
	23 µm / <i>MiniCast 5L</i>	1,050 kg/h

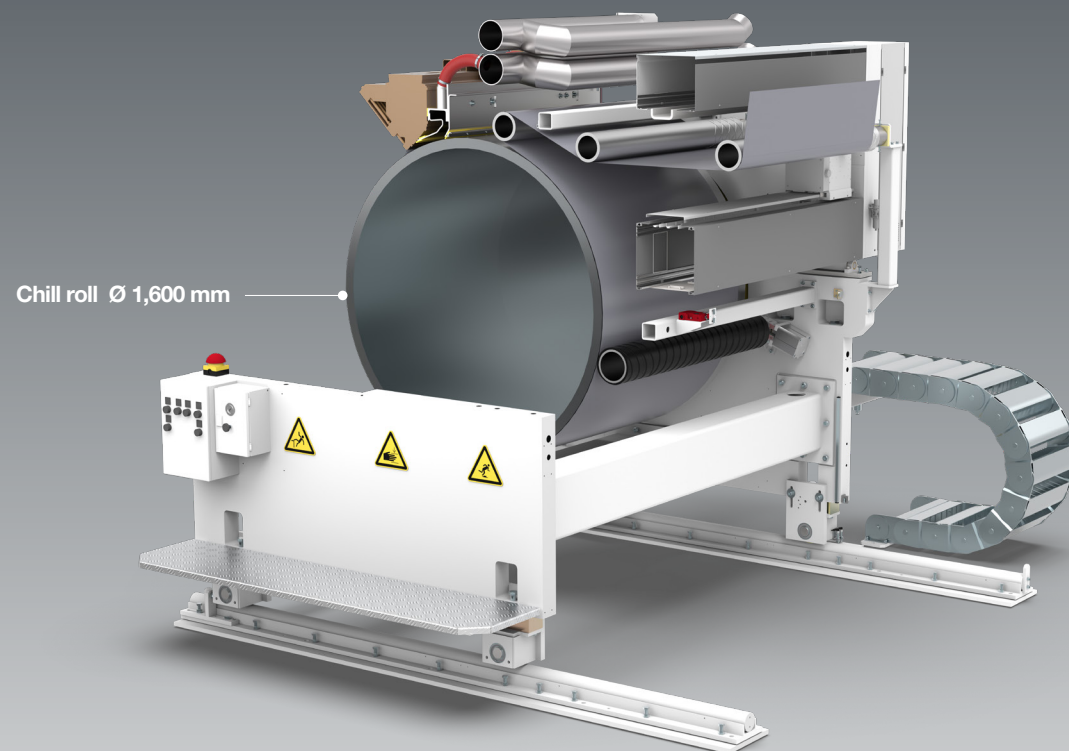
**Space requirements:**

H 8 m  
L 8.2 m  
W 12 m

**EXTRUDER CONFIGURATIONS**

<i>MiniCast 3L</i>		<i>MiniCast 5L</i>	
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 / 900 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: 2,050 mm			

**CHILL ROLL UNIT**



**CHILL ROLL UNIT**

- ▶ Chill roll Ø 1,200 mm or 1,600 mm, width 2,100 mm
- ▶ IR thickness measurement  
Alternative: X-ray or Beta sensor
- ▶ Oscillating frame

**EDGE TRIM REFEEDING SYSTEM**

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

**WINDER W4000-4S**

- ▶ Machine and jumbo rolls (up to 60 kg) 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

Alternative: Winder W4000-2S

**Excellent film properties like**

- ultimate
- tear propagation
- puncture force

**Ultra short film tail for perfect roll finish**

**Products:**

- Super power stretch
- Automatic stretch
- Hand stretch
- Cling film
- Agricultural film



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

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

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