

cast film lines

SML
EXTRUSION LINES – ENGINEERED TO PERFORM ▶

▶ **STRETCH WRAP FILM**

MiniCast®



**Extrusion lines –
engineered to perform**

Small space, big performance

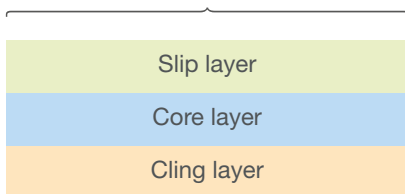
The MiniCast[®] line stands out as the ideal solution for a high-volume stretch film production even in the smallest spaces.

On a minimum floor area of less than 100 m², the MiniCast[®] 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.

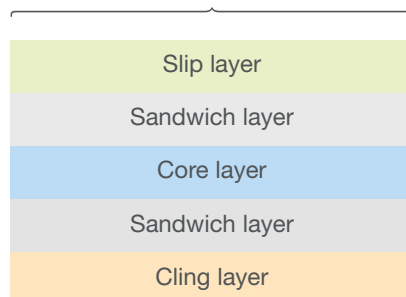
Key Features

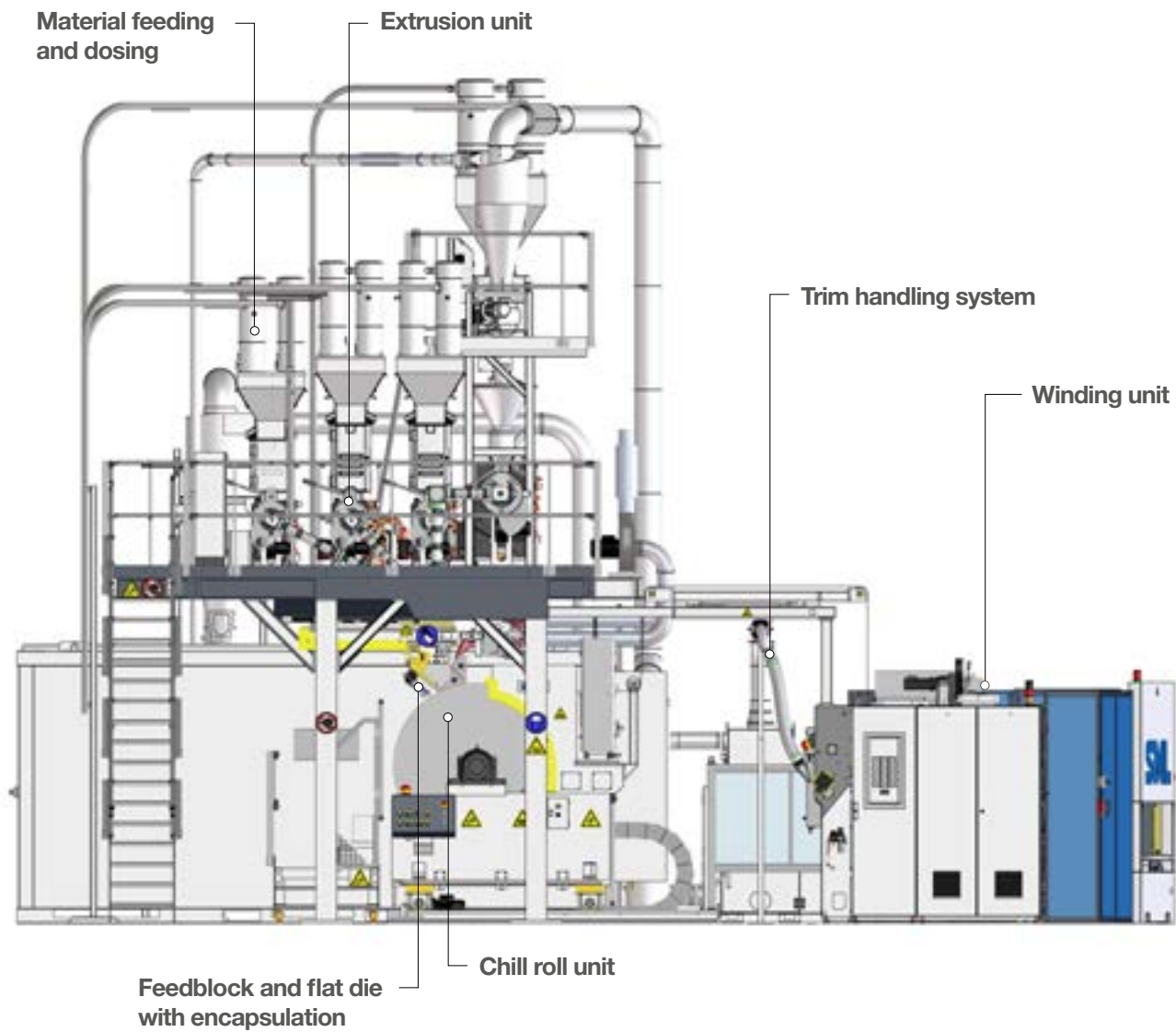
- Compact design and low space requirements
- Low power consumption thanks to energy saving extrusion technology
- High production flexibility owing to quick changeover times
- Efficient production of small lots
- Easy to operate

MiniCast[®] 3L



MiniCast[®] 5L





PRODUCT SPECIFICATIONS

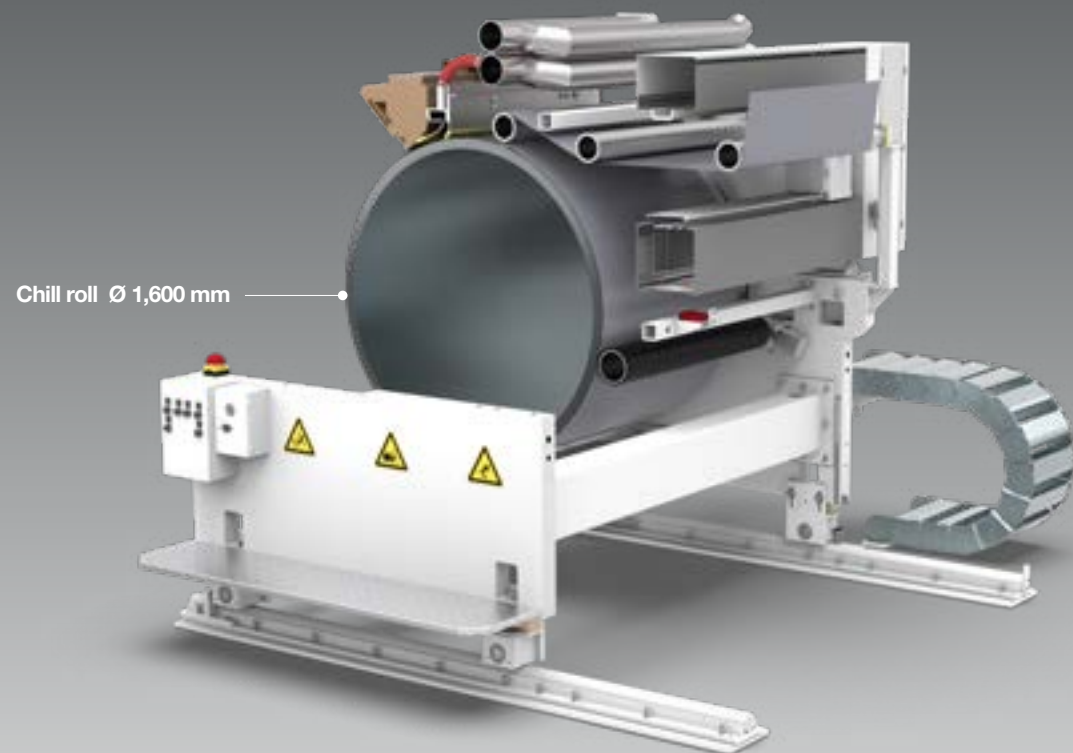
Products	super power stretch, automatic stretch, hand stretch, cling film, agricultural film	
Film thickness range	8 - 50 µm	
Film final width	3 x 500 mm	
Film structure	3 or 5 layers	
Production speed	up to 650 m/min	
Net output value <i>MiniCast</i>	12 µm	600 kg/h
	17 µm	845 kg/h
	23 µm / <i>MiniCast 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
- ▶ Alternative: X-ray or Beta sensor
- ▶ IR thickness measurement
- ▶ 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**

SML
EXTRUSION LINES – ENGINEERED TO PERFORM ▶

SML - Head Office

Gewerbepark Ost 32
4846 Redlham
Austria
Phone: +43 7673 90999
E-mail: sml@sml.at
www.sml.at

SML - Machinery Far East Sdn Bhd

(1029958-P)
1201 Block B, Menara Amcorp
No.18 Jalan Persiaran Barat
46050 Petaling Jaya
Selangor Darul Ehsan,
Selangor, Malaysia
Phone: +60 3 7955 9098
E-mail: yen@sml.at

SML - Beijing Office

Unit 1410, Landmark Tower
No. 8 North Dongsanhuan Road
Chaoyang District
100004 Beijing, P.R. of China
Phone: +86 10 6590 0946
E-mail: sml@sml.bj.cn

SML - North America Service, Inc.

Suite 204
85 Eastern Avenue
Gloucester MA 01930
USA
Phone: +1 978 281 0560
Mobile: +1 978 394 1553
E-mail: jom@sml.at



www.sml.at