

▶ Cast film lines

SML
EXTRUSION LINES – ENGINEERED TO PERFORM ▶

▶ **MiniCast**

1.5 m line concept, 3-up

Stretch wrap film



**EXTRUSION LINES –
Engineered to perform**

Small space, big performance

The MiniCast 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

- Low space requirement
- Maximum efficiency and flexibility with small lot sizes
- Energy-saving extrusion technology

LAYER DISTRIBUTION

MiniCast3L

Slip layer
Core layer
Cling layer

MiniCast5L

Slip layer
Sandwich layer
Core layer
Sandwich layer
Cling layer

Products are:

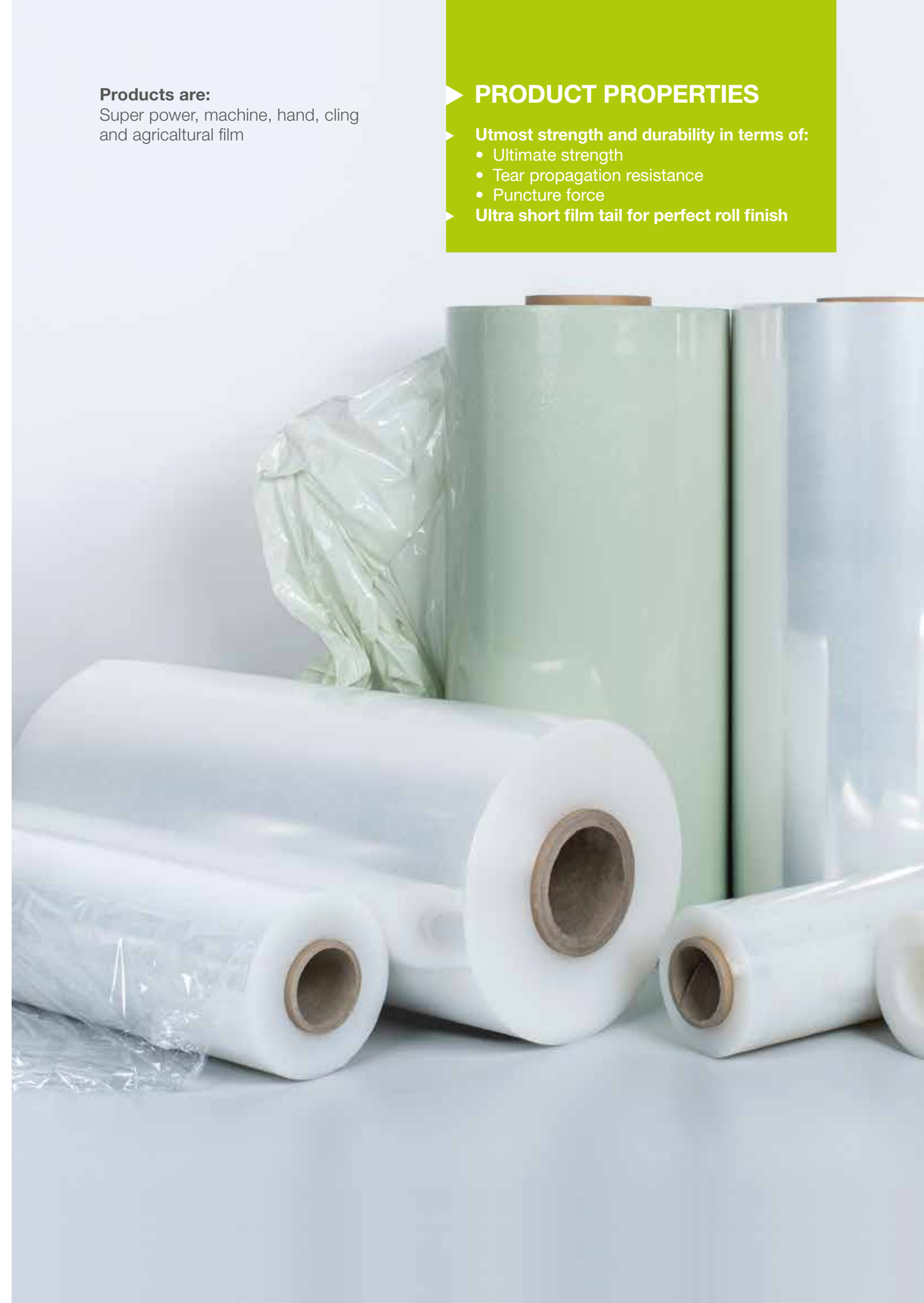
Super power, machine, hand, cling and agricultural film

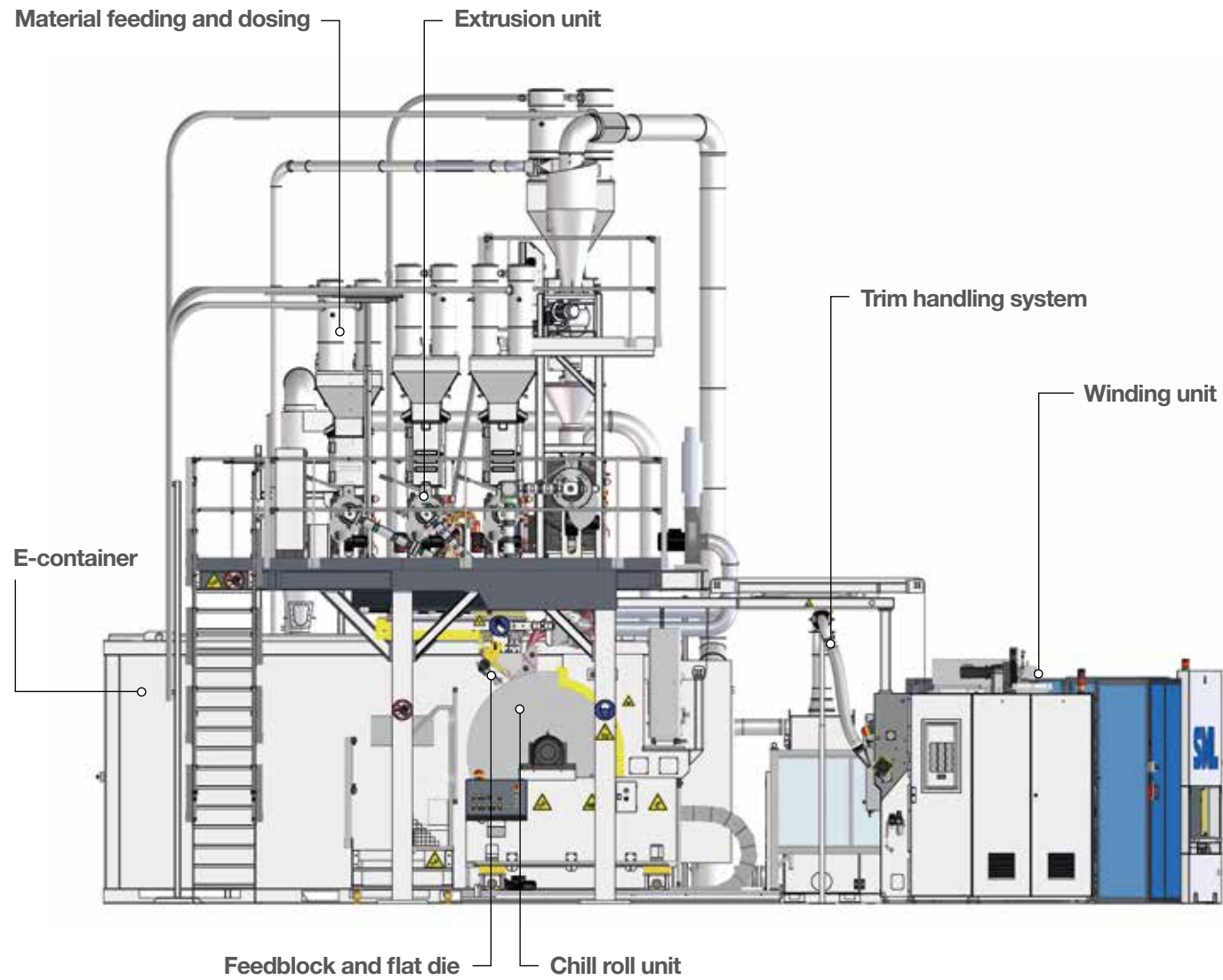
PRODUCT PROPERTIES

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	3 x 500 mm	
Film structure	3 or 5 layers	
Production speed	Up to 650 m/min	
Film thickness / net output value	12 µm	600 kg/h
	17 µm	845 kg/h
	23 µm / MiniCast3L	900 kg/h
	23 µm / MiniCast5L	1,050 kg/h

EXTRUDER CONFIGURATIONS

MiniCast3L	MiniCast5L
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 190 kg/h	3 x 60/28 3 x 190 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
- ▶ Automatic positioning
- ▶ IR thickness measurement
- ▶ Alternative: X-ray or beta sensor
- ▶ Oscillating frame

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

Alternative: Winder W4000-2S

EDGE TRIM RE-FEEDING SYSTEM

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

OPTIONAL EQUIPMENT

- ▶ Modified edges
- ▶ Coreless winding
- ▶ 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

SML – Headquarters / Production site

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

Locations / Service units

Malaysia · China · USA · Brazil



www.sml.at

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