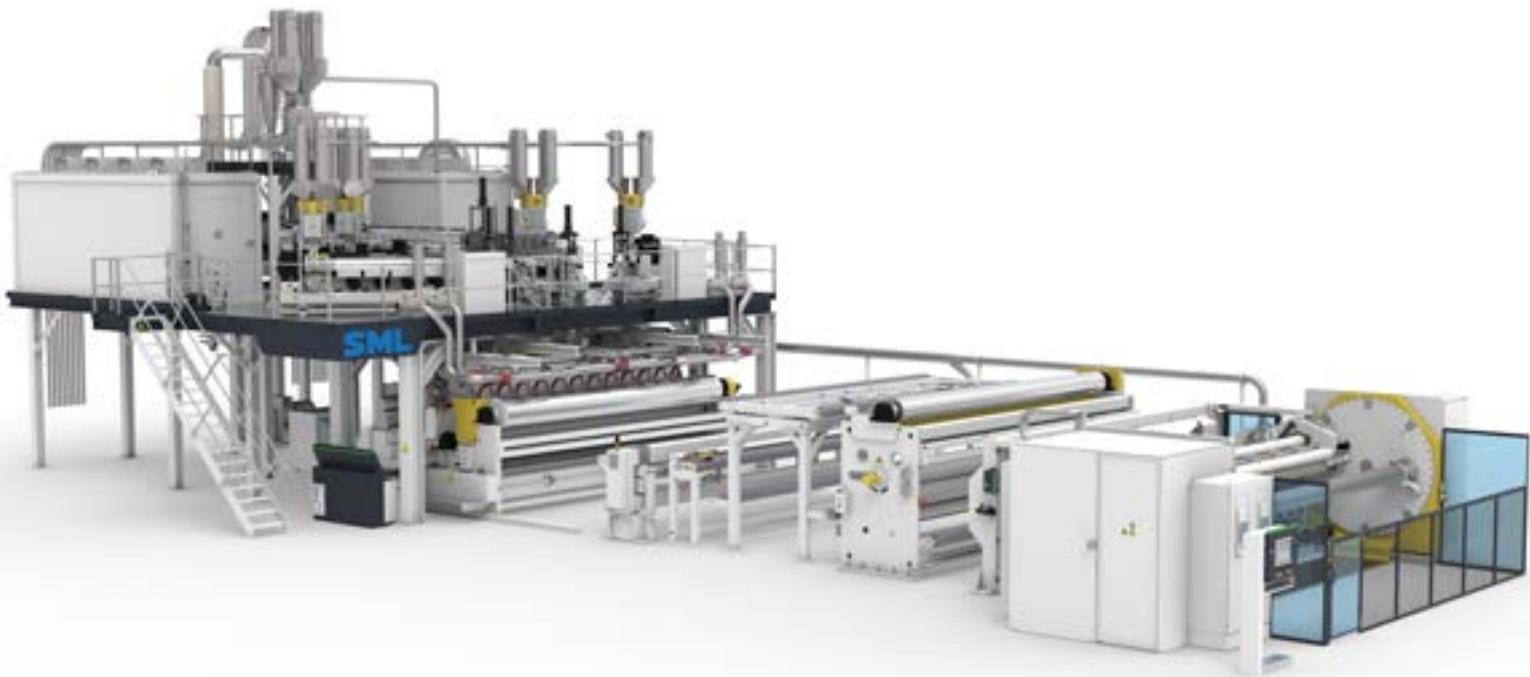


▶ cast film lines

SML
EXTRUSION LINES – ENGINEERED TO PERFORM ▶

▶ **CPP/CPE AND CAST PET FILM**



**Extrusion lines –
engineered to perform**

Precision down to the smallest detail

SML's cast film lines manufacture CPP, CPE and cast PET films with excellent optical properties. SML serves all customers' needs - from XXL industrial lines of 6.5 m down to narrow flexible lines of 1 m net film width. The entire equipment can be individually adapted to customers' requirements.

Key Features

- Films with transparency and low haze values
- Wide thickness range
- Extra-wide lines for high output values
- Various winding units for individual requirements

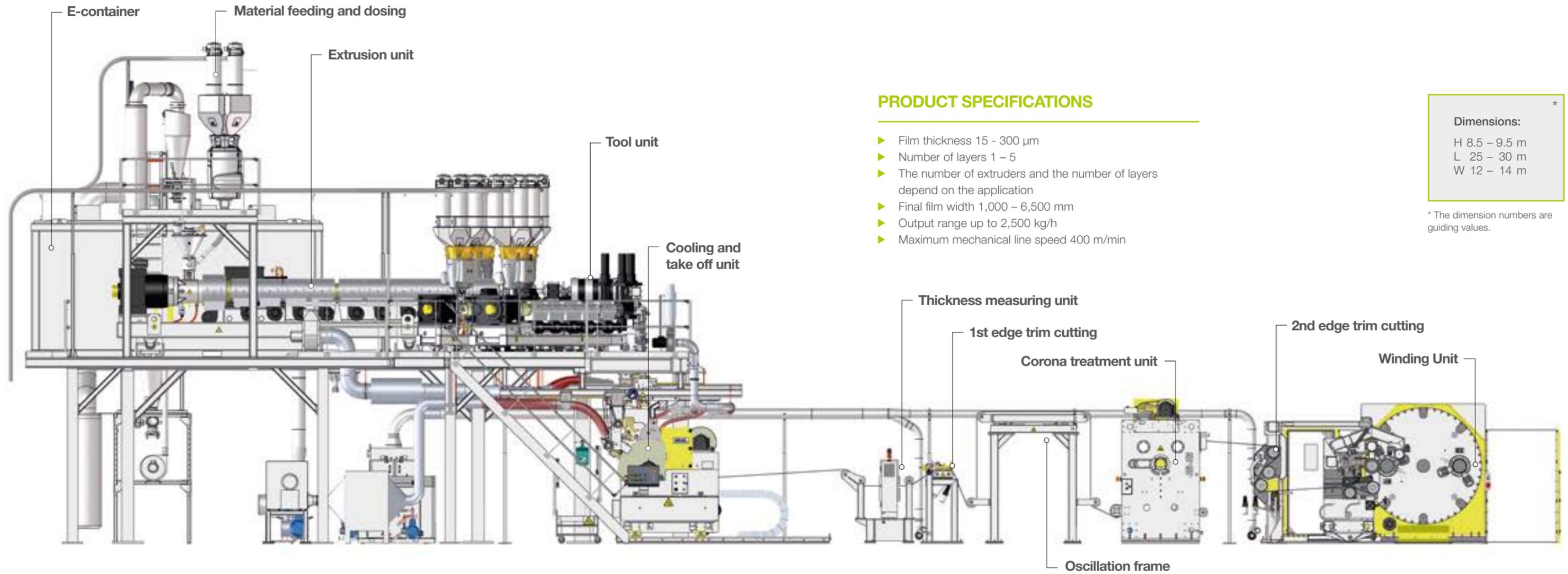
3-layer-structure

- Copo / treated ~10 – 20 %
- Homo + fluff ~60 – 80 %
- Copo / Sealing ~10 – 20 %

5-layer-structure

- Copo / treated ~5 – 15 %
- Copo / Homo ~10 – 20 %
- Homo + fluff ~50 – 70 %
- Copo / Sealing / Homo ~10 – 20 %
- Copo / Sealing ~5 – 20 %





PRODUCT SPECIFICATIONS

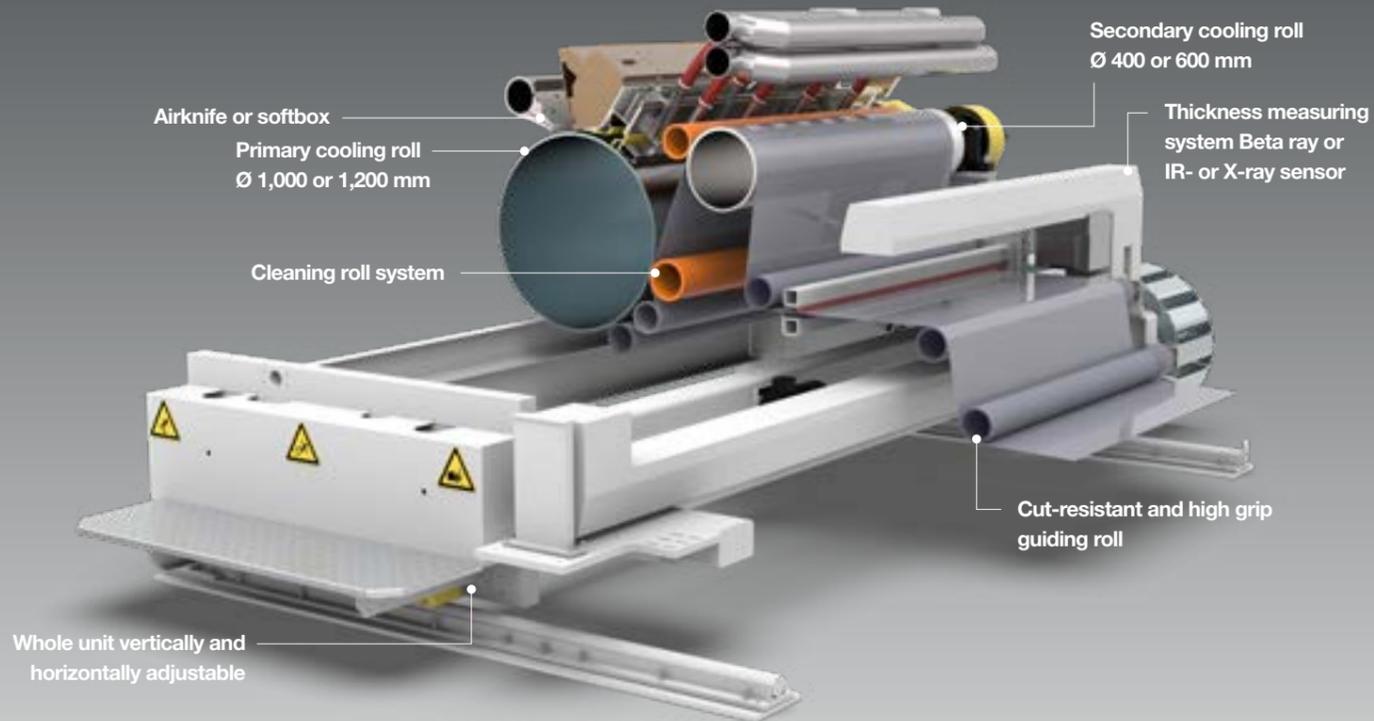
- ▶ Film thickness 15 - 300 µm
- ▶ Number of layers 1 – 5
- ▶ The number of extruders and the number of layers depend on the application
- ▶ Final film width 1,000 – 6,500 mm
- ▶ Output range up to 2,500 kg/h
- ▶ Maximum mechanical line speed 400 m/min

Dimensions:

H 8,5 – 9,5 m
L 25 – 30 m
W 12 – 14 m

* The dimension numbers are guiding values.

CHILL ROLL UNIT



EXTRUSION UNIT

- ▶ Gravimetric dosing system
- ▶ Number of extruders 1 - 5
- ▶ Extruder diameter 60 – 180 mm / optional twin-screw extruder
- ▶ Hydraulic disk or candle filter
- ▶ Feedblock with a fixed or variable geometry
- ▶ Automatic single manifold or multi-manifold die
- ▶ Die splitting system
- ▶ Double chamber vacuum box
- ▶ Main extruder with a vertical scraptruder for the refeeding of edge trims

WINDING UNIT

- ▶ Turret winder for the production of mother rolls, max. roll diameter up to 1,500 mm
- ▶ Horizontal sliding winder for the production of inline slitted rolls and mother rolls on 3-inch and 6-inch winding shafts
- ▶ Different cross-cutting units available depending on the film
- ▶ Solutions available for short reels

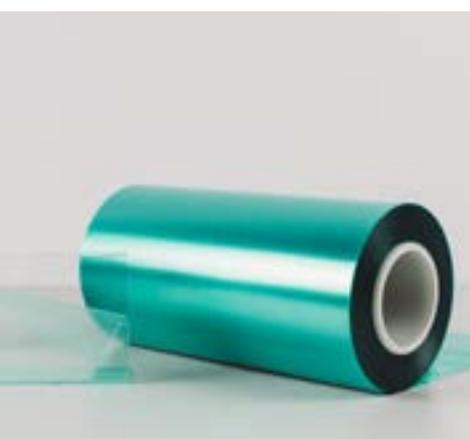
DOWNSTREAM EQUIPMENT

- ▶ Edge trim cutting before corona treatment
- ▶ Corona treatment unit single side or single side reversible or double side
- ▶ Post cooling roll after corona treatment
- ▶ Oscillation frame or winder oscillation
- ▶ Film inspection system



**Always specially optimised
for your needs**

Cast film products are primarily used in the packaging industry for food and consumer goods. Due to their special properties, technical and medical products have become an additional area of application.



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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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