

▶ sheet
lines

SML
EXTRUSION LINES – ENGINEERED TO PERFORM ▶

▶ **CLASSICPET**
SINGLE SCREW EXTRUSION



**Extrusion lines –
engineered to perform**

Our long proven classic

ClassicPET represents a robust single screw extrusion concept that is very comfortable to operate. This line makes the entire process smooth: adjustment of the film width and thickness, changing of recipes and handling post-industrial or post-consumer material. With ClassicPET from SML you get constant production stability.

Key Features

- Easy to operate
- Easy start up process
- Easily adjustable width and thickness
- Easy handling of post industrial or post consumer materials
- Easily expandable
- Easily customised layout
- Easy recipe change
- Minimised IV Drop close to no hydrolysis

GRANULES



foam regrind crystallised



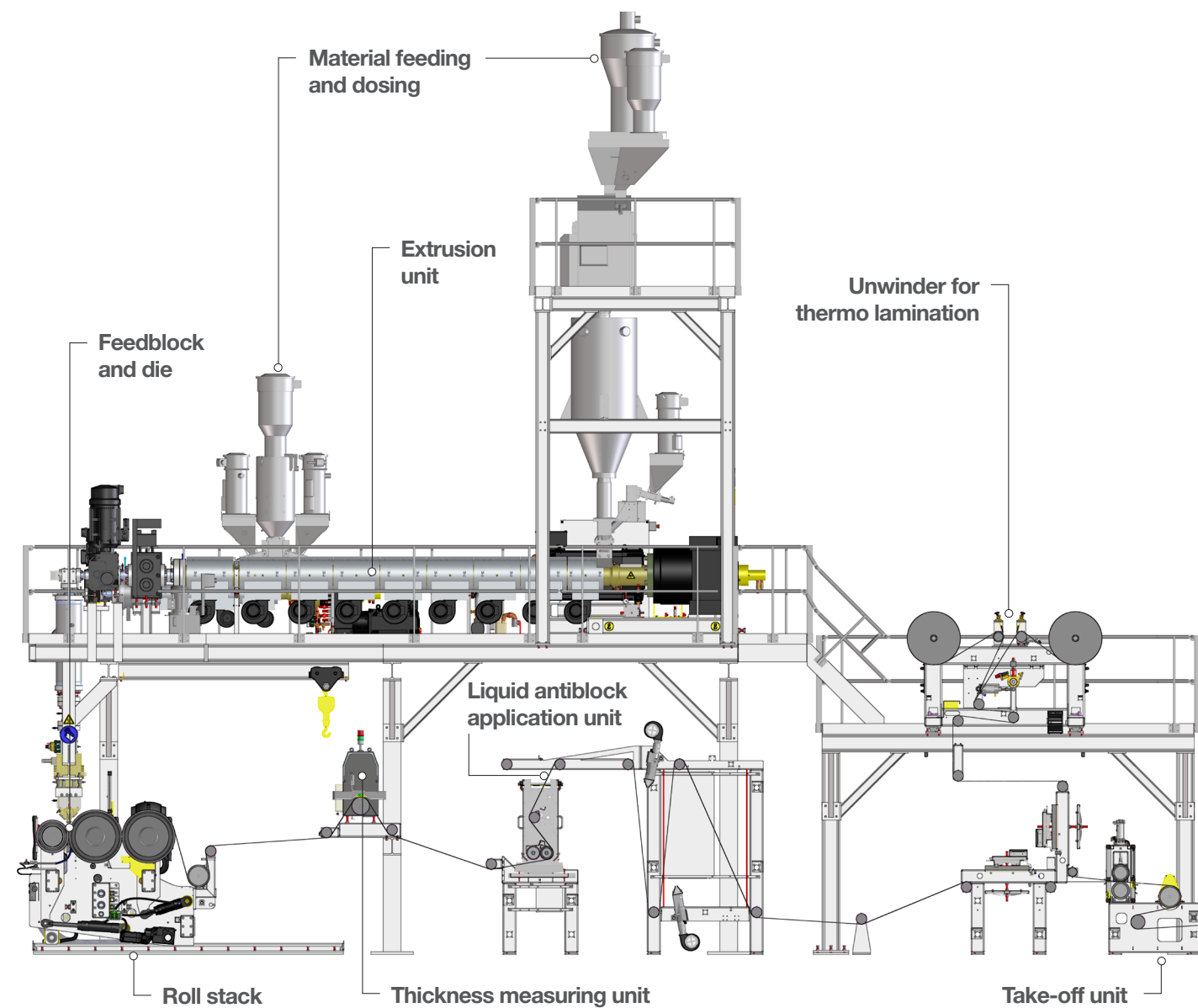
virgin material



film flakes



bottle flakes

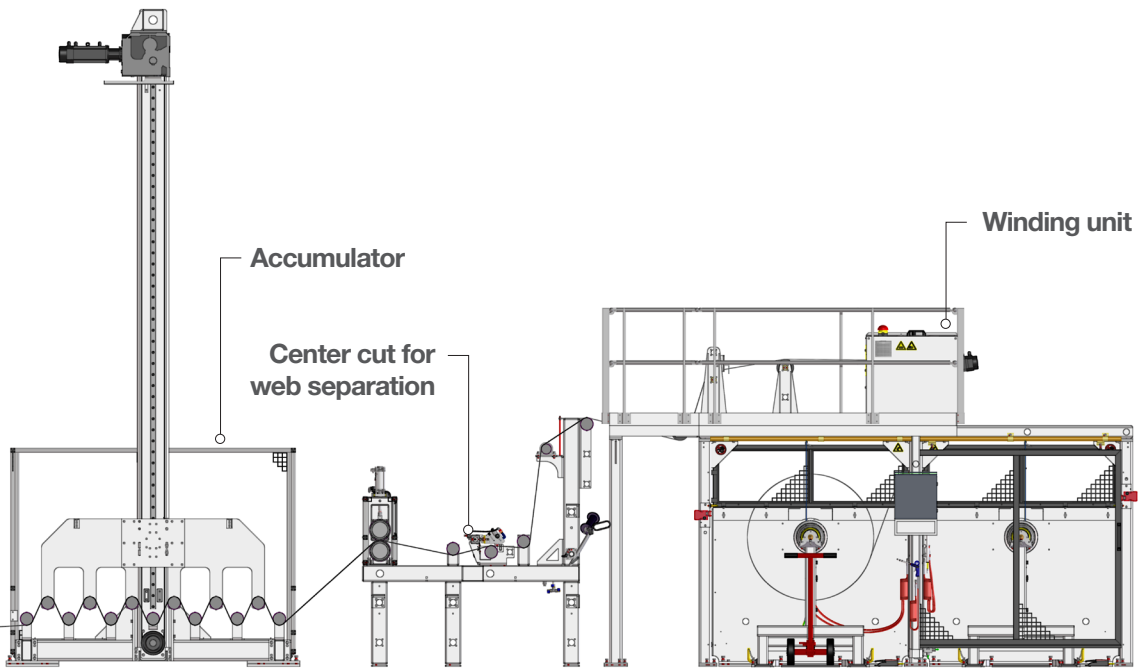


BASIC DESIGN INCLUDES

- ▶ Material handling systems ECO
- ▶ Complete extrusion unit with an extruder, melt pump, filter unit and static mixer
- ▶ Up to ClassicPET 4 manual die + 3 layer feedblock / beginning with the ClassicPET 5 automatic die 3 layer feedblock
- ▶ Roll stack with SPG roll technology, temperature control, hydraulics and safety devices
- ▶ Thickness measuring unit
- ▶ Edge trim unit with circular knives and an edge trim mill
- ▶ Winder W501
- ▶ Automatic control system
- ▶ SML BitWise System

OPTIONS

- ▶ Inline liquid antiblock application device
- ▶ One shaft winding unit with two webs
- ▶ Inline PE lamination
- ▶ Foaming package for PET (PP and PS on request)
- ▶ Upgrade of take off units for optical sensitive sheets
- ▶ Inline sheet inspection system
- ▶ Inline edge trim recycling system (from the mill directly to extruder)
- ▶ Upgradeable for EFSA and FDA conform sheet
- ▶ Polymer changing package



CONFIGURATION

	ClassicPET 1	ClassicPET 2	ClassicPET 3	ClassicPET 4	ClassicPET 5	ClassicPET 6	ClassicPET 7	ClassicPET 8
Line width (mm)	1,050	1,050	1,200	1,400	1,650	1,800	2,000	2,200
Max. possible net width (mm)	800	800	950	1,150	1,380	1,530	1,730	1,930
150 µm / app. net output kg/h	590	590	700	850	1,000	1,190	1,270	1,420
500 µm / app. net output kg/h	670	840	860	1,300	1,310	1,550	1,490	1,500
1,000 µm / app. net output kg/h	670	840	860	1,130	1,310	1,550	1,440	1,460
1,200 µm / app. net output kg/h	670	800	860	1,040	1,310	1,460	1,410	1,230
1,800 µm /app. net output kg/h	650	650	680	830	1,130	1,100	1,130	1,050

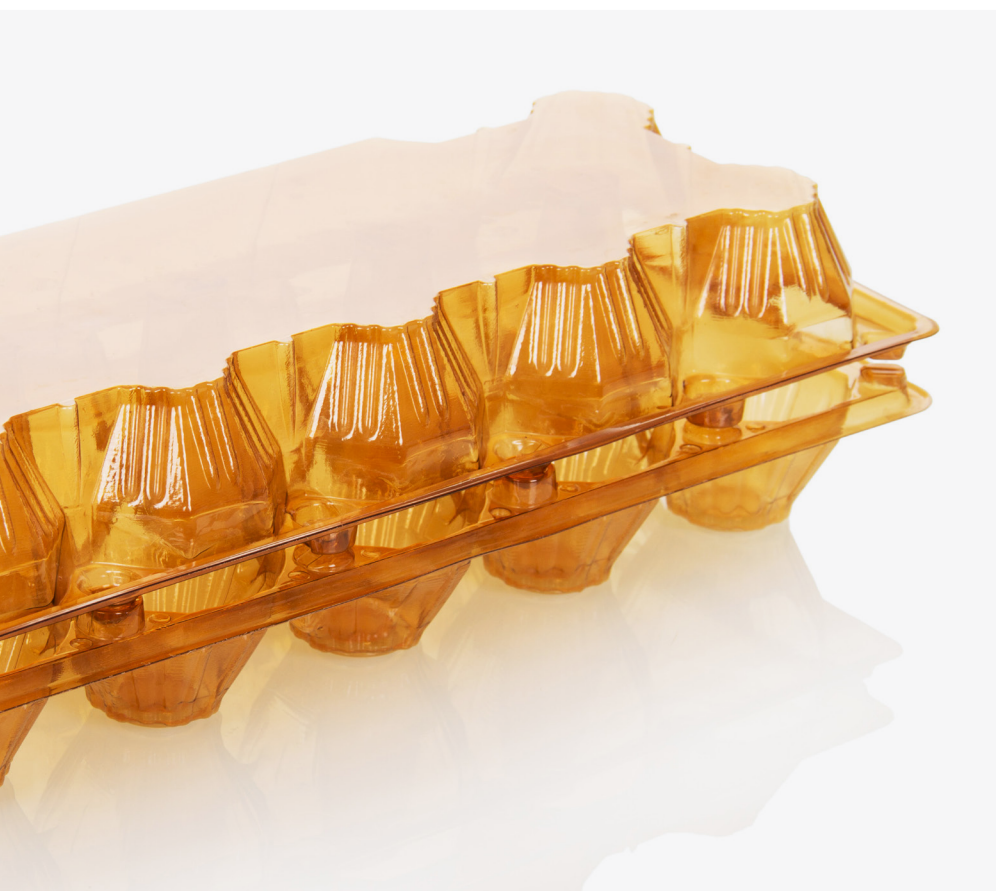
Recommended for:

Typical thermoforming application	++
PET	++
PP	+
PS	+
Optical film	~
PET / PE (recycled in reduced amounts)	+
PET / PE / EVOH (modifications required)	~+
GAG sheet	~



The bright variety of SML's technology

PET sheet products are primarily used for food and consumer goods like trays, cups, blisters and lids. In addition, pharmaceutical and medical products have become important areas 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 - Moscow Office

Ogorodny proezd, 5
Building 3, office 408
127254 Moscow
Russia
Phone: +7 495 618 8007
E-mail: kna@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