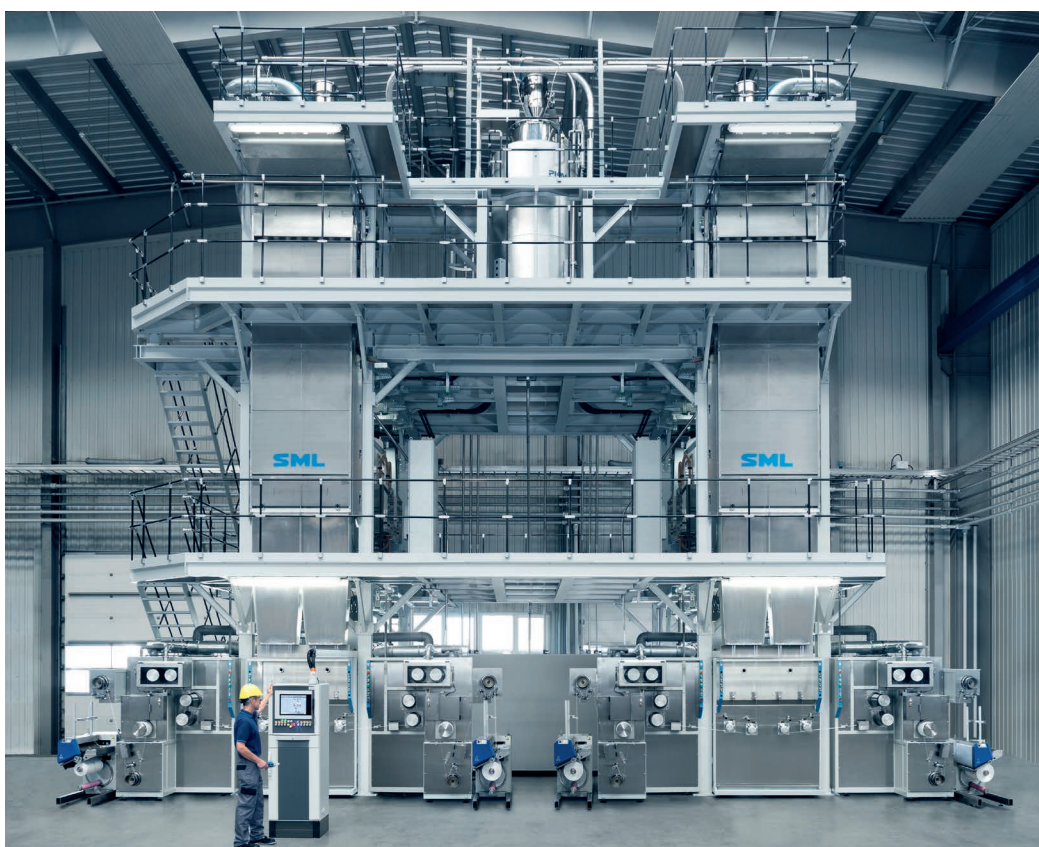


SML

EXTRUSION LINES – ENGINEERED TO PERFORM ►



AUSTROFIL

BCF PET/PA6/PP
MONOCOLOUR "TWIN"

The AUSTROFIL BCF “TWIN” 4x2 spinning line for PET stands for SML’s newest development following the changing economical environment. With an output capacity of 400 kg/h the line guarantees top quality yarn production with a maximum choice of raw materials and a titer range of 1,000 – 4,400dtex.



BCF PET/PA6/PP 4X2 TWIN, 8 ENDS, MONOCOLOUR	
Polymer	PET IV 0.76 – 0.84
	PA6 RV 2.67 – 2.73
	PP, MFR 23 - 27
Titer range	1,000 – 4,400dtex
Dpf range	5 up to 23 dtex/fil
Output capacity PET	400 kg/h, 9.6 t/d

KEY FEATURES:

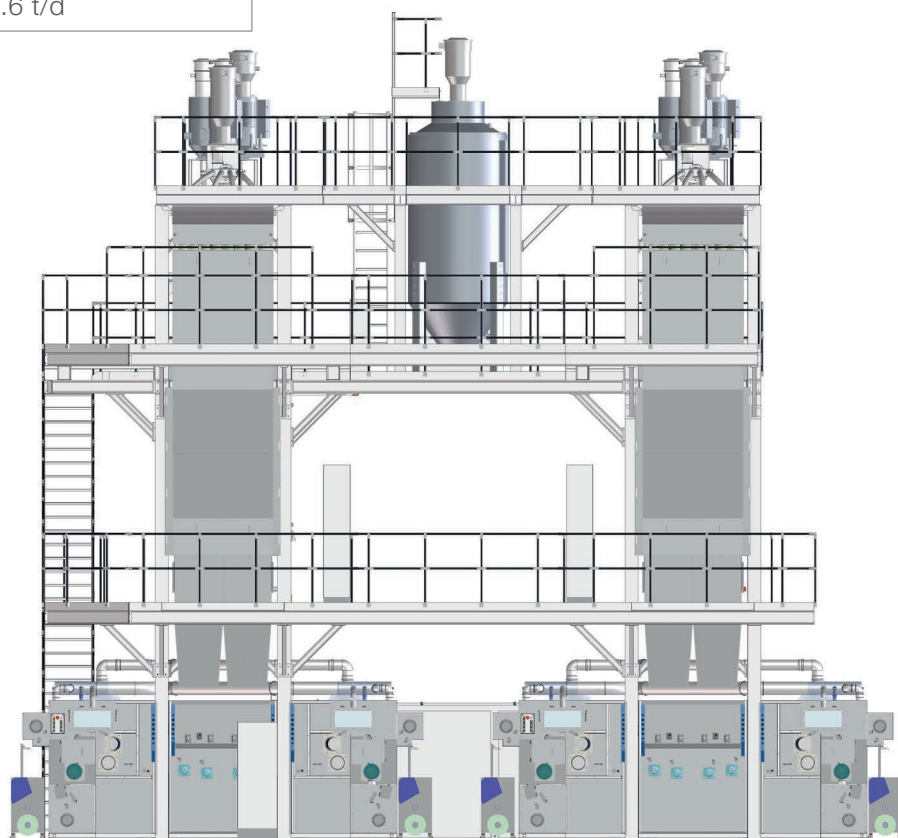
- Excellent yarn quality
- Shortest melt residence time
- Easy operation
- Highest flexibility
- Simultaneous production of two different yarns possible
- Line version 2x2 (total 4 yarns) with 200 kg/h output available

SPACE REQUIRED:

- Length: 13,500mm
- Width: 11,000mm
- Height: 12,000mm

SPINNING HEIGHT:

- 7,500mm





RAW MATERIAL HANDLING AND DOSING:

- Dry air drying system: 800 m³/h
- Efficient drying equipment with main dryer and additional drying bins positioned above the dosing unit
- Closed circuit of the suction air to avoid moisture increase during material transport
- Accurate gravimetric loss-in-weight dosing system with 2 additives

2 EXTRUDERS:

- With 75mm screw diameter and an L/D ratio of 28 for maximum output and top melt quality
- Static mixer

SPINNING EQUIPMENT:

- 2x4 spinning pumps each two outlets: 16 spinnerets for 8 yarns
- Electrically heated spinning beam without Diphyll for a wide temperature range to process different materials

2 QUENCHING UNITS:

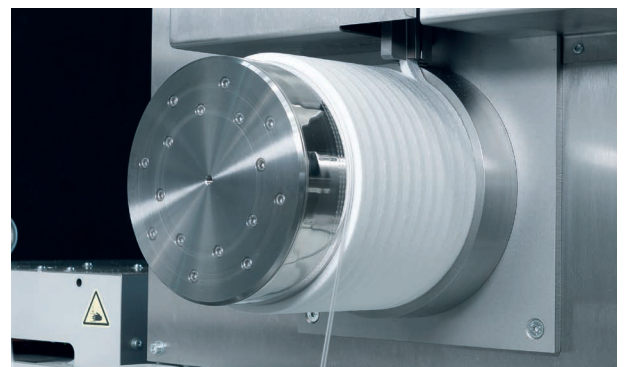
- Temperature, speed and humidity controlled system
- Steam generators for humidification

STRETCHING AND TEXTURING SYSTEMS:

- Heated feeding rolls
- Multizone heated godets DUO 1+2
- Patented texturing system for highest crimp
- Multiwrap cooling drum for intensive cooling of the plug
- Tension controlled intermingling device

WINDER DATA FOR BCF LINES

No. of yarns	2
Core diameter	73mm
Traverse length	250mm
Bobbin diameter	Max. 320mm
Mechanical winding speed	Max. 3,500 m/min





EXTRUSION LINES – ENGINEERED TO PERFORM ►

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100%
eXtrusion
SPINNING LINES

ANALYSES | DEVELOPMENT

PRE-TESTED PERFORMANCE | DELIVERY ON TIME

SERVICE SUPPORT | CUSTOMER SATISFACTION

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