

multi- filament lines

SML
EXTRUSION LINES – ENGINEERED TO PERFORM ▶

▶ **Austrofil® HT**



**Extrusion lines –
engineered to perform**

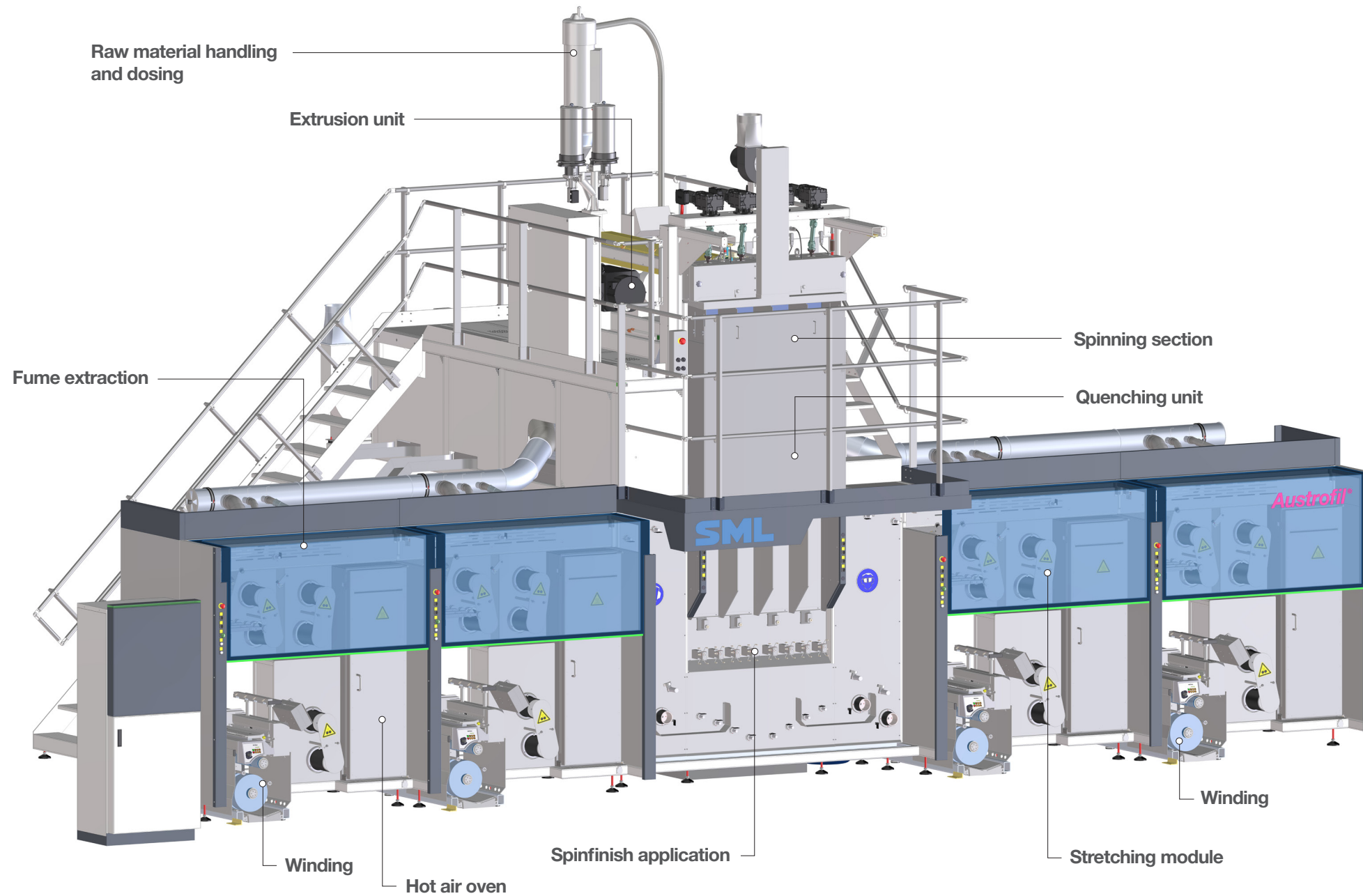
High performance and flexibility – Austrofil® CF MT/HT extrusion lines

SML's continuous filament (CF) lines are very compact and easy to operate, whether to produce medium tenacity (MT) or high tenacity (HT) yarns. Even quick product changes are possible, which gives our customers maximum flexibility in production.

► Key Features

- Wide titre range
- High tenacity through unique heat treatment system
- Fast and easy product changeovers
- High quality and reliable components
- Easy start up process
- Easy to operate





MACHINE COMPONENTS

- ▶ Volumetric dosing system
- ▶ Extrusion unit: highly efficient extruder, subsequent static melt mixer and a screen belt filter for high melt quality and homogeneity
- ▶ Spinning head with electrical heating for uniform temperature distribution
- ▶ Quenching unit with conditioned air for a stable quenching process
- ▶ Spin finish application
- ▶ Stretching unit: Two step stretching process with high quality godets up to 160°C, heat treatment oven for high tenacity
- ▶ Intermingling unit
- ▶ Industrial standard 4.0 with BitWise

PRODUCT PROPERTIES

- ▶ Excellent yarn properties in terms of tenacity, elongation and rest shrinkage
- ▶ Endless variety of high-quality yarns

LINE CONFIGURATIONS

	Austrofil® CF MT/HT 2x(2/4)	Austrofil® CF MT/HT 4x(2/4)
Output	Max. 110 kg/h 2.6 t/d	Max. 160 kg/h 3.8 t/d
	The actual maximum output depends on the raw materials used and the tenacity or titre desired	
Total number of ends	4 or 8	8 or 16
Extruder	1 x 75/28	1 x 75/28
Dosing system	Continuous volumetric dosing with 2 or 3 additive components	
Spinning beam	4 spinning pumps with 2 outlets, electrically heated	
Number of winders	2	4
Number of yarns	2 or 4	
Type	Automatic turret winder	
Winding speed	1,000 – 3,500 m/min	
Core diameter	75 mm	
Bobbin diameter	320 mm	
Dimensions L x W x H	8.1 x 7.2 x 6.0 m	11.1 x 7.2 x 6.0 m



Unique hot air oven for highest tenacity range

Product specification:

Products	Medium and high tenacity yarn
Polymer	Polypropylene, MFR 10-35
Titre range	150 - 4,000 den / 165 - 4,400 dtex



With different line configurations, our Austrofil® HT lines offer solutions for individual challenges.

Products are: belts, safety netting, ropes (including rigging ropes) or sewing thread for various types of bags.



▶ **Take advantage
of our global
leadership in
extrusion
technology.**

**ANALYSES
DEVELOPMENT
PRE-TESTED PERFORMANCE
DELIVERY ON TIME
SERVICE SUPPORT
CUSTOMER SATISFACTION**

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