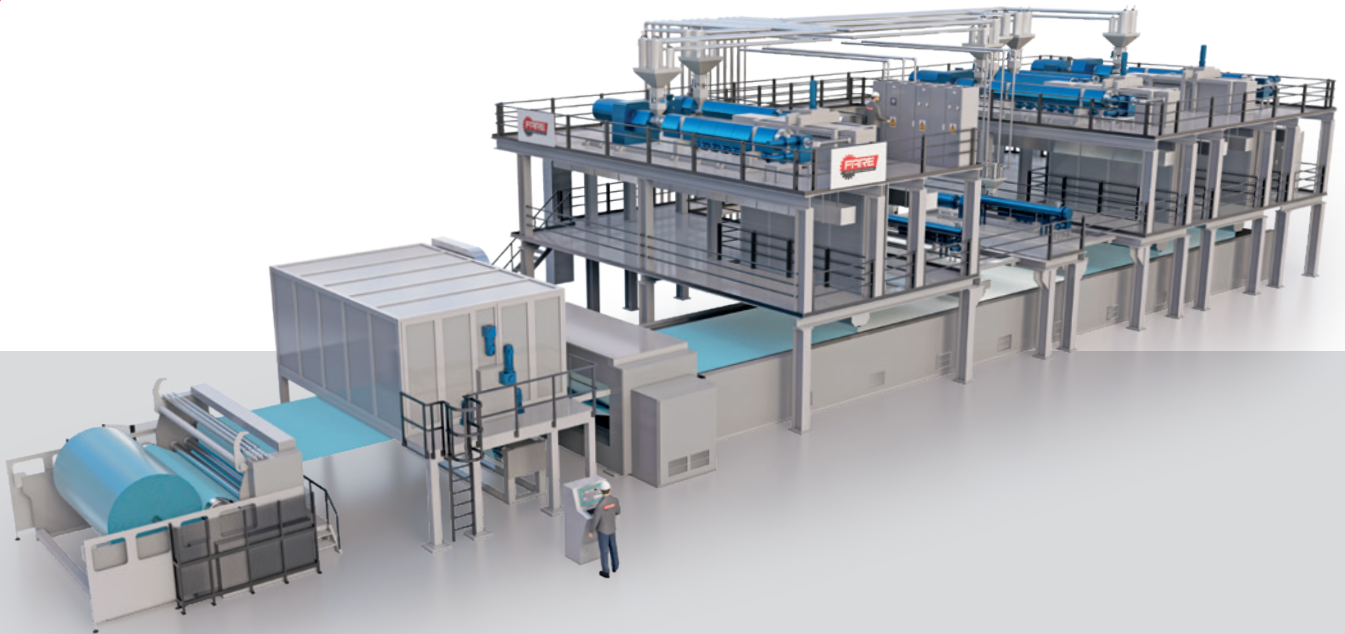


# FINE DENIER NONWOVENS LINE

From raw material to nonwovens in one step



The polymer in the form of granules or flakes is extruded through our equipment to form continuous filaments which are conditioned, drawn and deposited over a suitable moving surface (forming belt), creating a web. Suitable downstream equipment is provided to make the finishing/consolidation in accordance to the final application.



## Available configurations:

- **Spunbond:** from 1 beam (S) to 3 beams (SSS)
- **Composite:** from 3 beams (SMS) to 6 beams (SSMMMS) in combination with Meltblown and/or other process



## Downstream process:

- Hot calendering
- Thermobonding
- Hydroentangling (waterjet)
- Binder bonding



## Basic features for fine denier nonwovens lines

Raw material	PP, PET, PLA, PE and copolymers
Configuration	Monocomponent or bicomponent
Grammage range (gsm)	Typical 8 to 150
Filaments size (dtex)	1,1 to 2,5
Working width (mm)	1600 to 5400
Productivity capacity (kg/h*m)	Up to 250 per beam
Configuration	From S to SSS / From SMS to SSMMMS



### Space requirements:

- Process equipment area: approx 1000 to 1700 m<sup>2</sup> (40 to 70 x 24)
- Free height: spunbond section 12 m/downstream section 7 m
- Service equipment area: approx 600 to 1000 m<sup>2</sup>
- Raw material warehouse: approx 300 m<sup>2</sup>
- Finished product warehouse: approx ≥ 1600 m<sup>2</sup>
- Recommended building: approx 3300 to 4300 (typical 90 to 120 x 36)



### Applications field:

- Agriculture and horticulture
- Automotive
- Coating substrates
- Clothing
- Electric and electronics
- Face masks
- Filtration
- Food and beverage
- Footwear
- Household
- Hygiene
- Medical
- Packaging
- Protective clothing
- Roofing/Building



**FARE S.p.A. A SOCIO UNICO**

Via Pastrengo, 31 - 21054 Fagnano Olona (VA) Italy  
T +39 0331.617.155 F +39 0331.617.546  
fare@farespa.com • www.farespa.com