



# Super Elf HD

The Super Elf HD is designed specifically for weaving PP/PE tape and coarse yarns (e.g. glass roving) for technical fabrics produced on airjet and waterjet weaving machines.



Designed with longevity in mind - taking into account the maximum linear speed, very high yarn tension and heavy environmental conditions such as humidity and dust.



## ADVANTAGES

- Increased yarn separation
- Plasma coated or hard chromed spool body
- Stopper magnet pin in polished Zirconium with 1 mm extra stroke
- Polished ceramic eyelets extended in the internal yarn channel
- Extra sealed bearings, and special solutions in the yarn channel against wearing
- Complete yarn balloon control
- New powerful motor (PPM)
- Improved acceleration performance
- Accurate speed control with full motor torque at all speeds
- Low working temperature

## TECHNICAL SPECIFICATIONS

Maximum speed	2400 m/min
Yarn count range	4 Nm - 20 dTex
Winding direction	"S" ("Z" optional)
Maximum yarn separation	3.5 mm
Sensor systems	Optical
Dimensions	170 mm height 325 mm length 130 mm width
Weight	9.5 kg





CARPET WEAVING MACHINES

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VELVET WEAVING MACHINES

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TUFTING SYSTEMS

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ADVANCED KNITTING TECHNOLOGY

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YARN EXTRUSION LINES

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ADVANCED HEAT-SETTING SOLUTIONS

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SHEDDING SYSTEMS

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HARNESSES

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WEFT INSERTION SYSTEMS

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FINISHING MACHINES

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YARN TRADING

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QUALITY ASSURANCE FOR TEXTILES

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PRODUCTION MANAGEMENT SOLUTIONS

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MOTORS & DRIVES

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HIGH PRECISION IRON FOUNDRY

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BULK HANDLING

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We imagine, build and integrate innovative textile systems for flooring qualities, home linen, fashion fabrics and technical textiles.

Sharing inspiration and expertise with our customers worldwide, we shape the textile industry of the future.

Creating success for them all, from yarn to finished product.

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