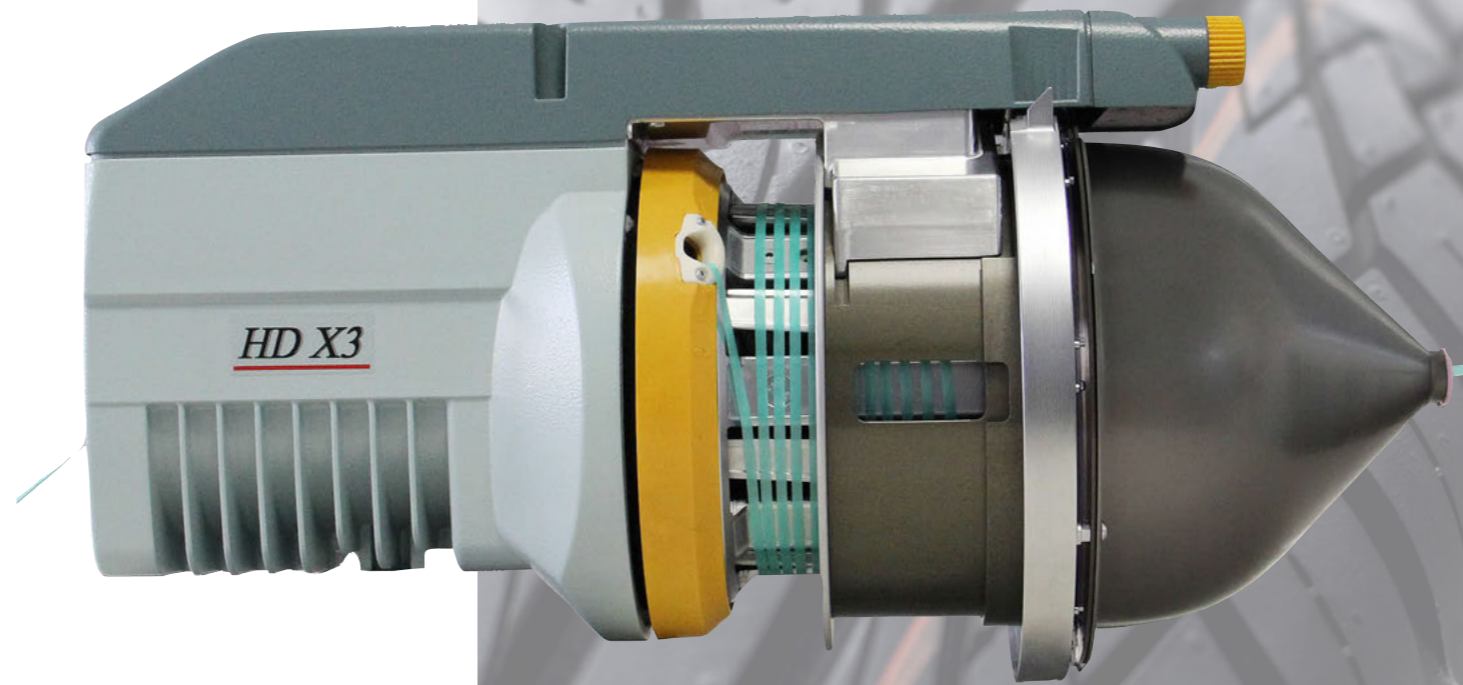


HD X3

The latest design on the X3 platform and is used for dusty and heavy yarns, such as flat polypropylene tape, nylon mono-filament and roving on projectile and rapier weaving machines used in the production of flooring and technical textiles.

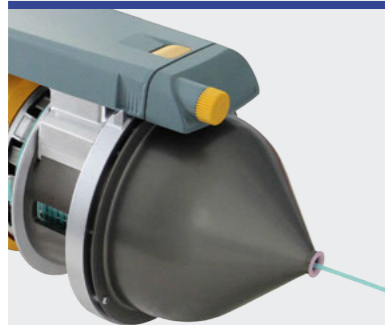


SPECIAL FEATURES

- Internal yarn channel up to 11 mm
- Quick release for balloon control funnel
- Adjustable position for balloon control funnel
- Compatible with X2/X3 generation VSB
- Low yarn friction through the feeder
- Consistent yarn separation across the spool body
- Pattern in advance (when used with CAN communication)
- Automatic speed and sensitivity control (PMM+CAN)
- No sensor calibration required
- Sealed against dust penetration
- Robust construction (full metal housing)
- Easy mechanical maintenance
- Low power consumption
- Input yarn break piezo sensor (optional)

NEW YARN INPUT DESIGN

Input eyelet fixed with screws and a more robust construction



NEW BALLOON CONTROL DESIGN

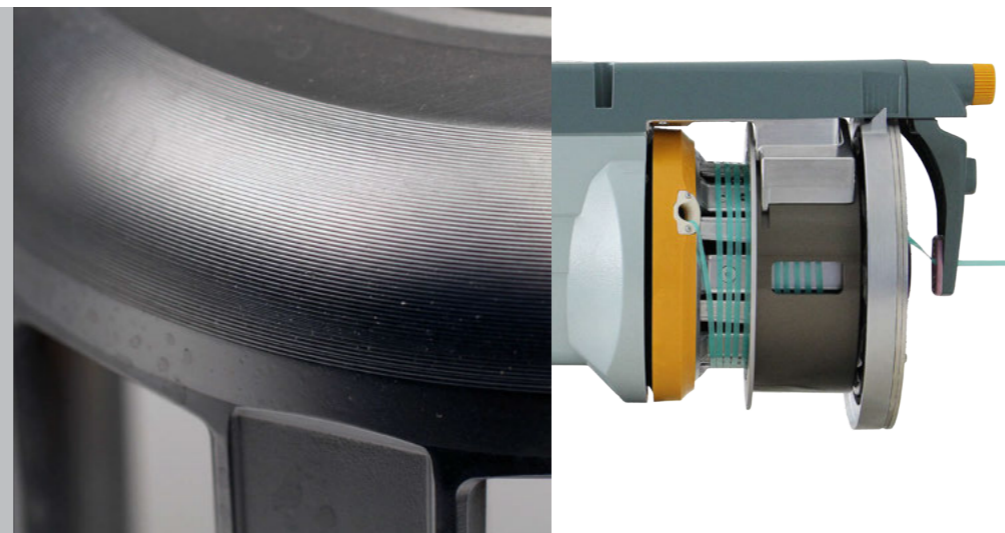
Quick release and adjustable position for balloon control funnel.

NEW MOTOR

Improved motor control with more power available (700 W)

ROVING VERSION

- Relaxing ramps to reduce the tension of the coils of weft on the spool body
- Ribbed surface on the output end of the spool body
- Polished eyelets
- Polished internal shaft
- Possibility to install an output tensioner in combination with the funnel
- Less dust accumulation
- Less broken filaments



ALTERNATIVE OUTPUT CONFIGURATIONS

Fixed brushing holder or
Balloon control funnel

TECHNICAL SPECIFICATIONS

Maximum speed	1600 m/min
Yarn count range	from Nm 0.5 to 40 dTex
Winding direction	"S" and "Z"
Yarn separation MAX	4.5 mm
Sensor systems	Button down mechanical
Spoolbody diameter	135 mm
Dimensions	190 mm height 345 mm length 150 mm width
Weight	11.5 kg



CARPET WEAVING MACHINES

VELVET WEAVING MACHINES

TUFTING SYSTEMS

ADVANCED KNITTING TECHNOLOGY

YARN EXTRUSION LINES

ADVANCED HEAT-SETTING SOLUTIONS

SHEDDING SYSTEMS

HARNESSES

WEFT INSERTION SYSTEMS

FINISHING MACHINES

YARN TRADING

QUALITY ASSURANCE FOR TEXTILES

PRODUCTION MANAGEMENT SOLUTIONS

MOTORS & DRIVES

HIGH PRECISION IRON FOUNDRY

BULK HANDLING

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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