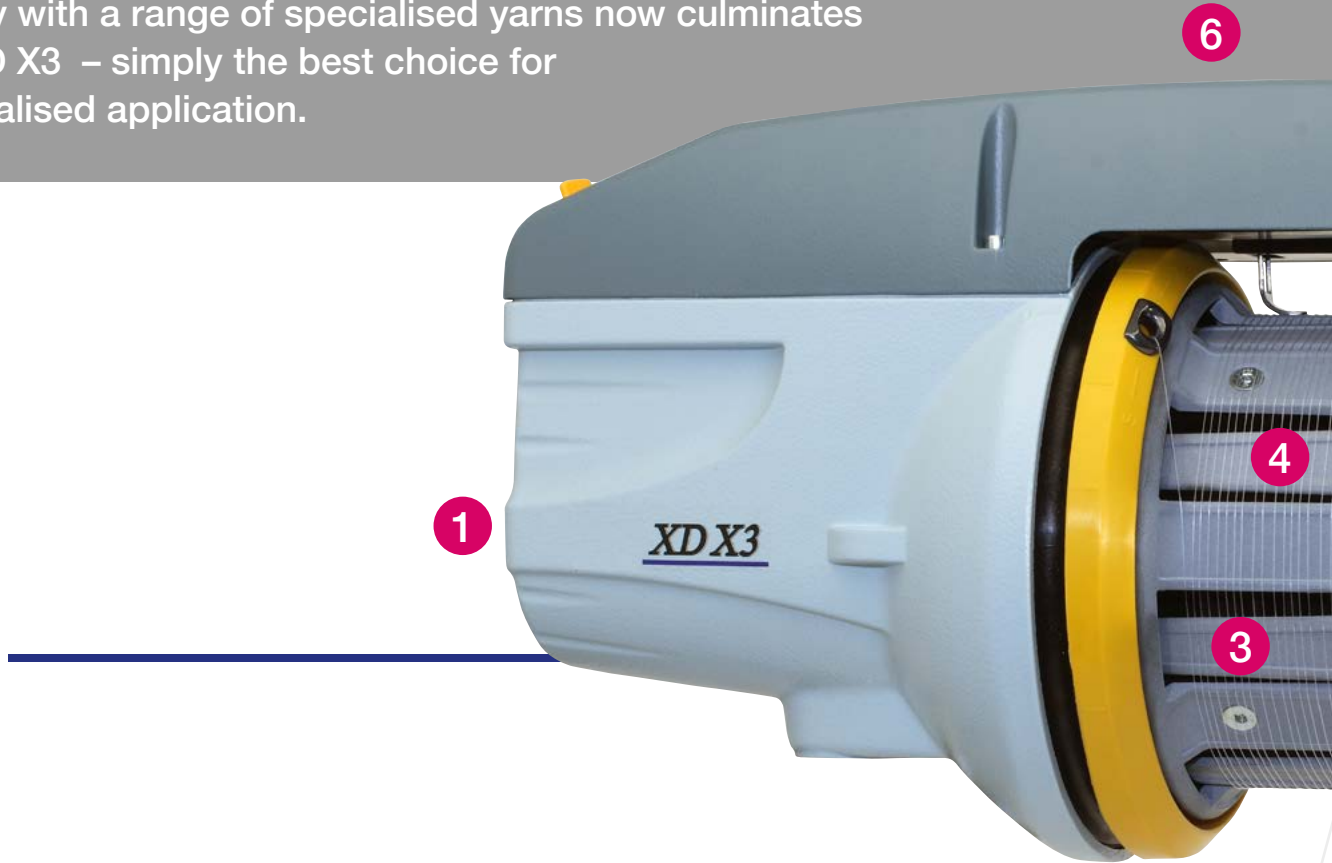


XD X3

XD X3

The countless variations in yarn fibres continue to make new and more rigorous demands on yarn tension control. XD X3 provides unique solutions to the demands of specialised applications. Decades of experience in yarn feeding technology with a range of specialised yarns now culminates into the XD X3 – simply the best choice for your specialised application.

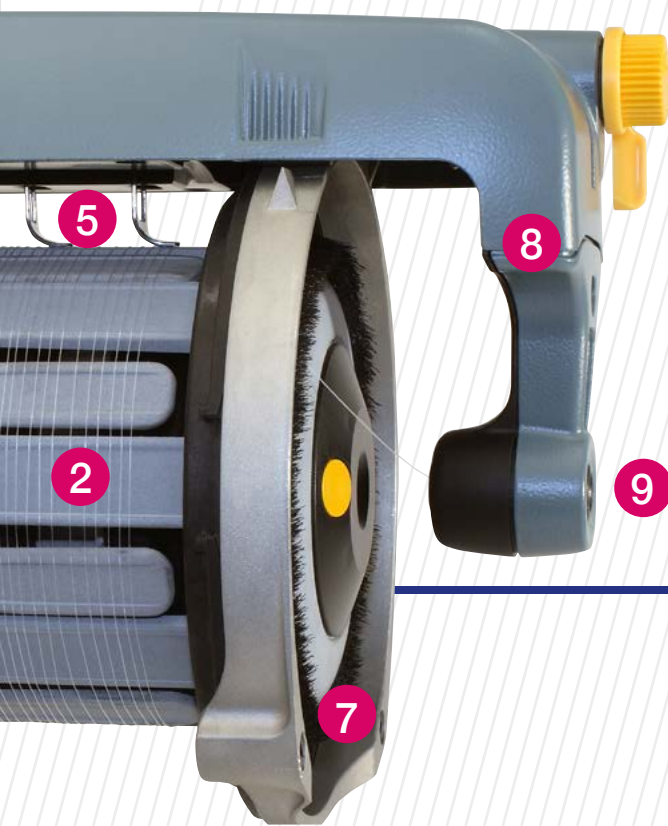


Technical textiles

	1	2	3	4	5	6
	Input	Spool body	Tumble cylinder	Separation	Sensor	Others
Mono filament diameter 0,1 mm - 0,7 mm	Rotating ceramic disc + large balloon breaker	Plasma coated, concave	Plasma coated	Standard	Optical	One-way bearing
Aluminium wire 0,05 mm - 0,15 mm	Compensator	Chromed, concave	Chromed	Standard	Optical	Sealed circuit board area
Aluminium wire 0,15 mm - 0,4 mm	Rotating ceramic disc	Chromed, concave	Chromed	Standard	Optical	Sealed circuit board area
Aramid fibre 3 mm flat	Compensator	Chromed, peppled surface, concave	Chromed	XL	Optical	Stiff bellow
Roving texturized < 500 tex	None	Chromed, relaxation ramp, concave	Chromed	XL	Optical	
Glass fibre parallel filament	None	Chromed, polished surface, concave	Chromed	Standard	Optical	Polished shaft, polished eyelets
Glass fibre twisted filament	Compensator	Chromed, concave	Chromed	Standard	Optical	Polished eyelets
Carbon fibre (not flat)	Compensator	Chromed, relaxation ramp, concave,	Chromed	Standard	Optical	Sealed circuit board area

Customised solutions for unique applications – the choice is yours.

Choose properties based on your
demands



7	8	9
Brake/balloon control	Output angle	Output accessories
Brush ring stiff synthetic "Z"	42°	Double rotating ceramic disc
Brush ring medium natural "Z"	42°	Double rotating ceramic disc
Brush ring stiff synthetic "Z"	42°	Double rotating ceramic disc
Brush ring stiff synthetic "Z"	55°	Uni-Brake
Brush ring medium natural "Z"	55°	Double rotating ceramic disc
Brush ring stiff synthetic, long bristles "Z"	30°	Double rotating ceramic disc
Brush ring stiff synthetic, long bristles "Z"	30°	Double rotating ceramic disc
Brush ring stiff synthetic "Z"	30°	Uni-Brake

TECHNICAL SPECIFICATIONS

Maximum speed	1800 m/min
Yarn count range	120 - 0.5 Nm and 22 - 10000 dTex
Winding direction	"S" and "Z"
Yarn separation	4 mm
Sensor systems	Optical
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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