

DNBF/EL-800

Warp knitting machine with double needle bed

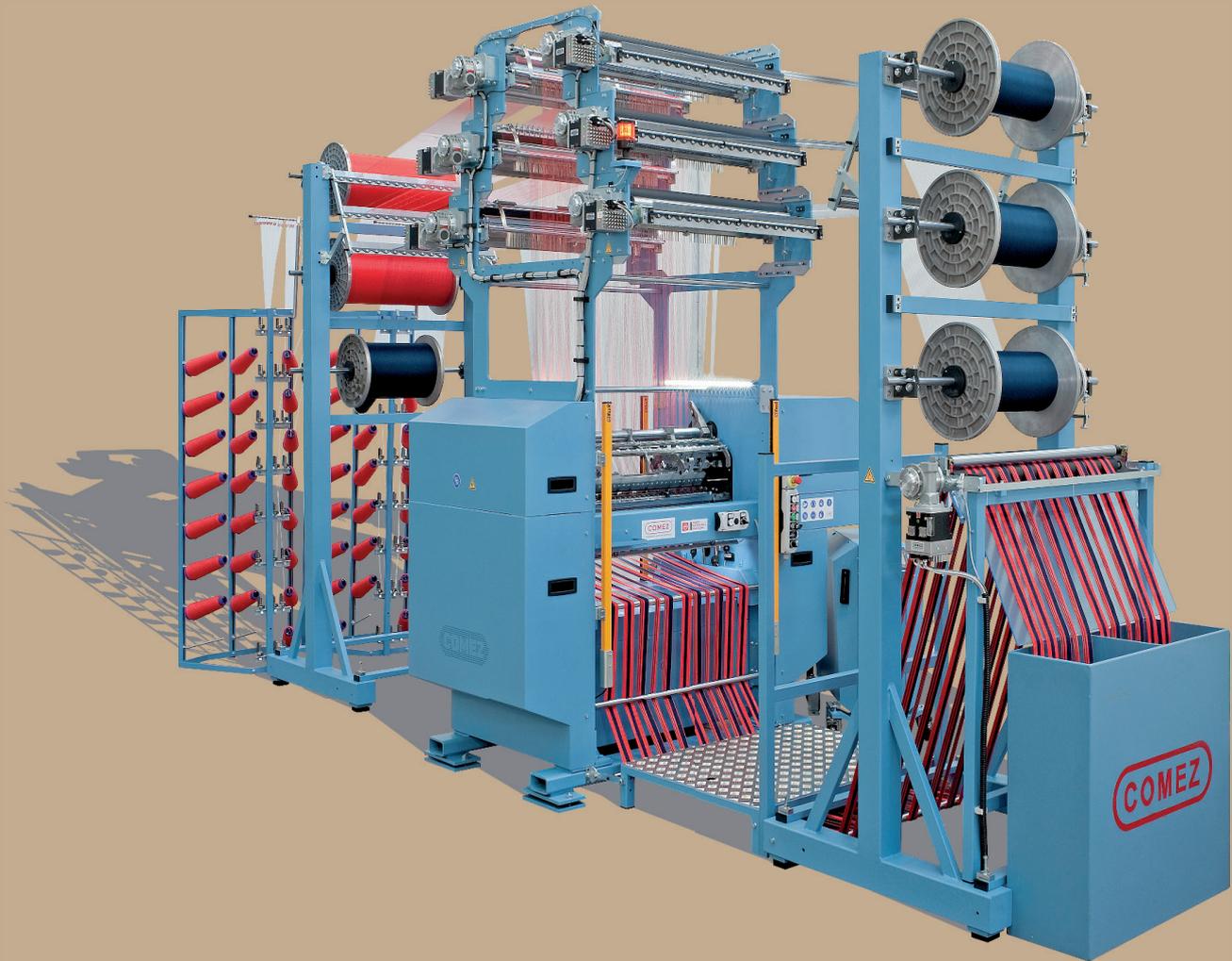
**for the production of technical articles
and high-tech narrow fabrics**



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DNBF/EL-800



Easy access to both sides of the knitting area



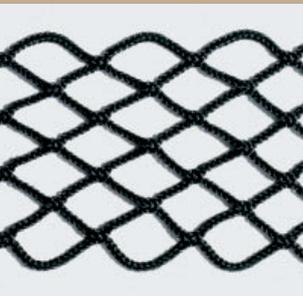
Knitting area with sinker bars group (optional)



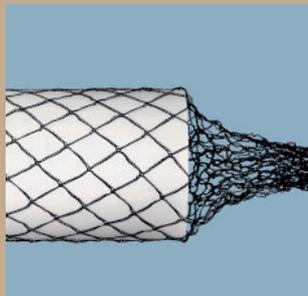
Special configuration with 6 electronic control feeders (on request)

Electronically controlled warp knitting machine

The electronically controlled warp knitting machine, type DNBF, provides utmost flexibility in the production for a wide range of applications. The electrical control, as well as the easy setting of the distance between the needle beds, ensure that the DNBF is the ideal solution for high-tech and complex articles.



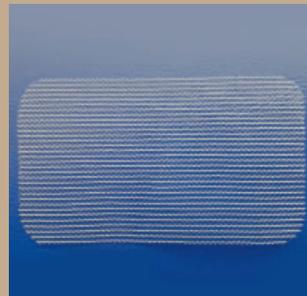
Automotive net



Tubular article



3D fabric



Hernia mesh



Band for sportswear



Features

- Extremely compact and flexible Raschel type warp knitting machine
- Easy access to both sides of the knitting area
- Stitch comb available for high fabric density
- Flexible system for pattern design and programming available directly on the machine or via graphic editor on the PC



Applications

- Tubular and 3D knitted fabrics
- Nets for automotive, aviation and rail transport
- High-tech fabrics for surgical use, e.g. hernia mesh
- Ribbons for sportswear and garment accessories, e.g. scarves



Advantages

- Modularity: different gauges and many options available for a wide range of applications
- Machine lighting system ensures fast repair of thread breaks and quality control
- Maximum versatility in processing different yarn material such as: synthetic, natural, special and recycled fibres
- Low energy consumption



Benefits

- Higher speed compared to the previous models
- Thread feeding from cone creel or warp beam
- Excellent edge quality through the independent guidance of the edge threads

Technical Specifications

Gauge (n.p.i.)	5	10	12	15	20	22
Number of needle grooves on needle bed	160	320	384	480	640	704
Working width	812.8 mm					
Number of guide bars	4, 6 or 8 with electronic control					
Number of sinker bars	2 (option)					
Distance between needle beds	1 - 12 mm					
Needle type	latch needles					
Stitch density (on both needle beds)	1 - 40 stitches/cm					
Electrical supply mains	200 - 240 / 380 - 440 V, AC, 3-phase + ground					
Motor technology	synchronous (standard) / brushless (option)					
Dimensions (W x H x D)	Standard machine:	2100 x 2000 x 1500 mm				
	Machine with 6 feeders:	2100 x 2850 x 1500 mm				
Net weight	Standard machine:	1300 kg				
	Machine with 6 feeders:	1600 kg				



Customer care

Immediate support from our help desk on each technical issue.



Training

Attend the training course on Comez machines and softwares.



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