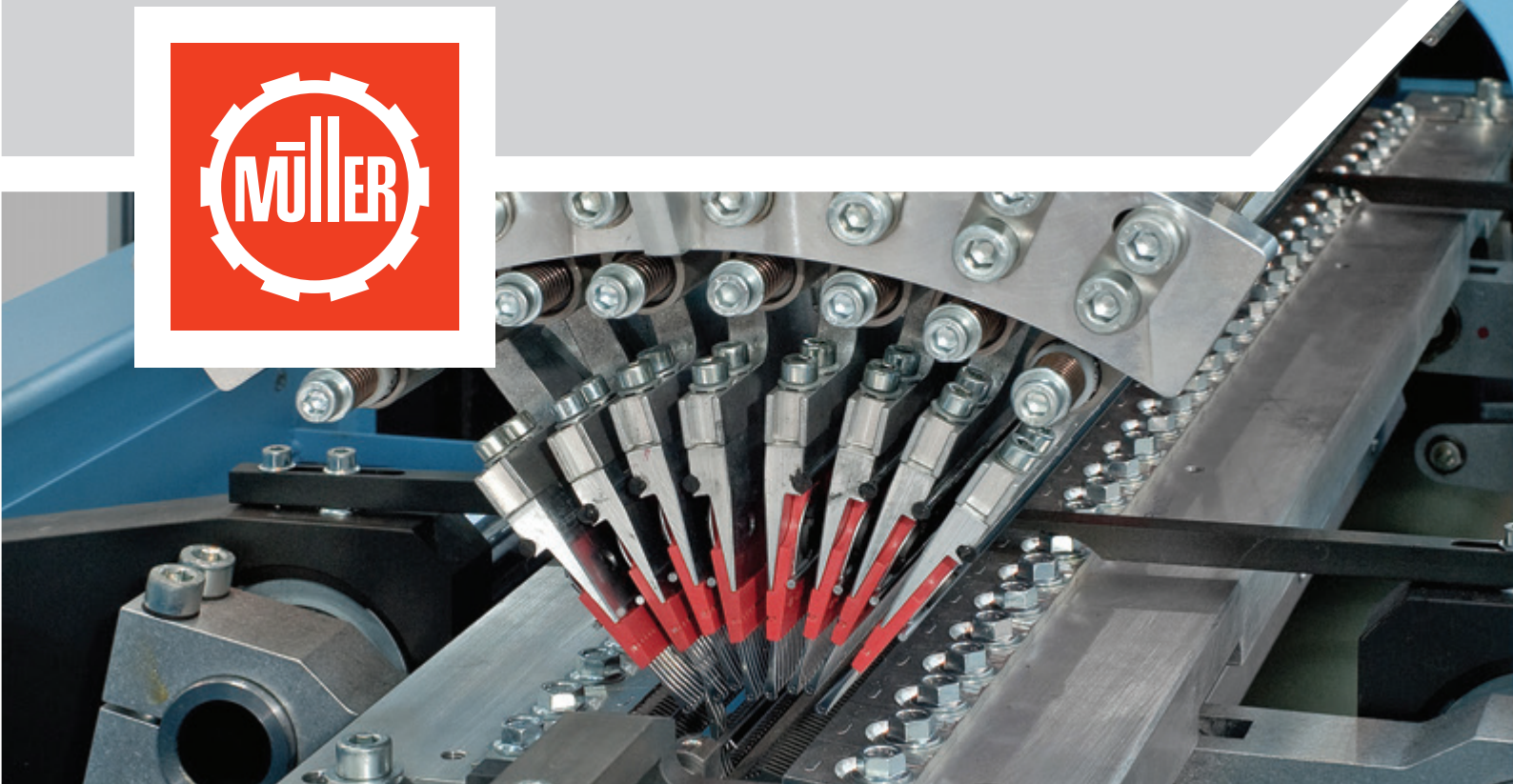


CDK80

Easy access electronic warp knitting machine
with double needle bed
for technical textiles and garment accessories



A MEMBER OF JAKOB MÜLLER GROUP

CDK80

ELECTRONICALLY CONTROLLED WARP KNITTING MACHINE WITH DOUBLE NEEDLE BED, FOR THE PRODUCTION OF TECHNICAL TEXTILES AND FASHION ARTICLES

▲ GENERAL FEATURES

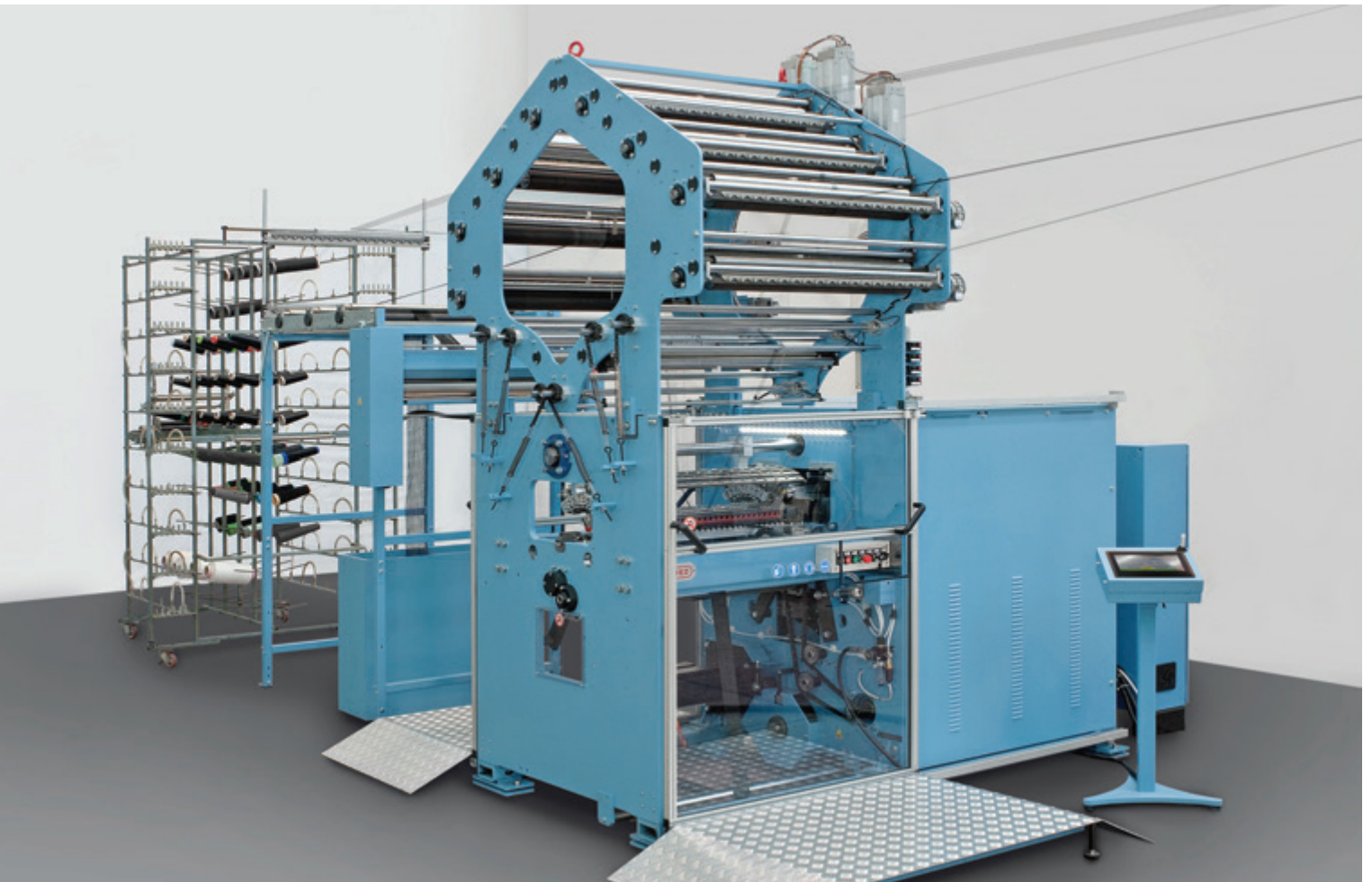
The machine is equipped with:

- Plexiglass protection barriers, 1 at the front and 1 at the rear of the machine
- Knockover sinker group
- Reed unit for oscillation thread guiding
- Electronic speed variator INVERTER
- Shock absorber feet
- Warning light
- Fabric take-off rollers, with electronic control
- Standard supply package of consumables and accessories

The double needle bed CDK80 machine can be equipped with up to eight guide bars driven by brushless motors. Thread feeding to each laying bar takes place individually by means of electronic thread control. A knockover sinker group is used for the production of spacer and tubular knits, as well as uniform product quality in the case of high stitch densities.

▲ ADVANTAGES FOR USERS

- Ease of use. Comfortable access to the knitting area and to the fabric take-off (both from the front and rear) greatly simplifies changes in ribbon width. Visual monitoring is also guaranteed due to good lighting and free access
- Flexible design. Thread feeding takes place individually from cones or, where the number of threads is high and space limited, from a warp beam.
- Simple and quick gauge changes
- Ideal for complex, 3D-products
- Excellent selvage quality through the independent guidance of the edge threads
- Innovative control and operation system. DATA CONTROL CONTROLLER enables the realisation of long pattern repeats with a virtually infinite number of stitch rows.
 - Our exclusive COMEZ DRAW 3 or SYSTEM WIN PC textile software is integrated into the machine controls
 - Yarn feeding speed is automatically matched to the warp, weft density and to the stroke
 - Number of revolutions, speed, thread feeding and fabric take-off rollers, are controlled and monitored



CDK80

by means of a operator-friendly touchscreen monitor

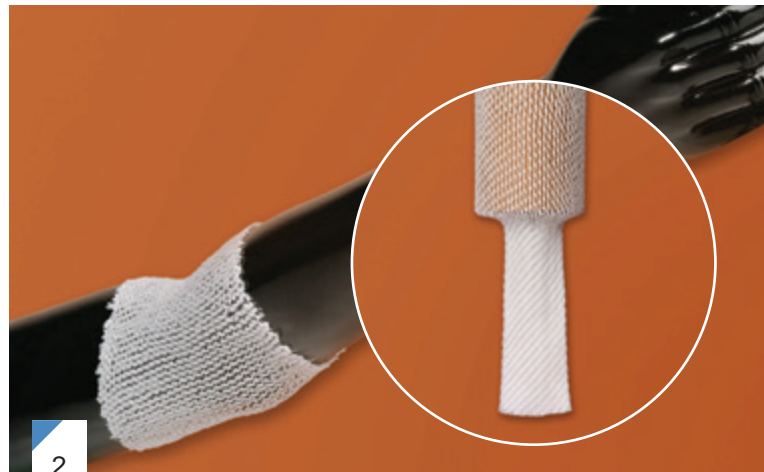
▲ MAIN APPLICATION SECTORS

Thanks to its great versatility, this machine is suitable for the production of both technical and fashion articles, such as:

- Spacer fabrics with heights of up to 32 mm
- Nets
- Medical textiles such as nettings, bandages, dressings, disposable pants and tubular knits
- Multi-layer items, like decorative ribbons with multi-layered stripes (image carriers)
- Fashion scarves and edge bindings for the fashion and clothing market

▲ SPECIAL DESIGN ON REQUEST

- Software for pattern design and programming on a PC
- Electronic device for long throw up to the working area width (DLT) on max. 2 weft bars
- Different front and rear finished product collector
- SU.V/CE device, a beam carrier shaft with electronic control which can be applied to the structure



ALTERNATIVE TECHNOLOGIES FOR WARP KNITTING MACHINES WITH DOUBLE NEEDLE BED

▲ DNB/EL-800-8B

Electronic double needle bed warp knitting machine for underwear, outerwear, footwear, technical and medical articles

▲ DNB/EL-32

Electronically controlled warp knitting machine with double needle bed for technical and garment textiles

▲ DNB/EL-1270

Electronic double needle bed warp knitting machine for technical and medical articles as well as footwear and fashion fabrics



▲ PICTURES

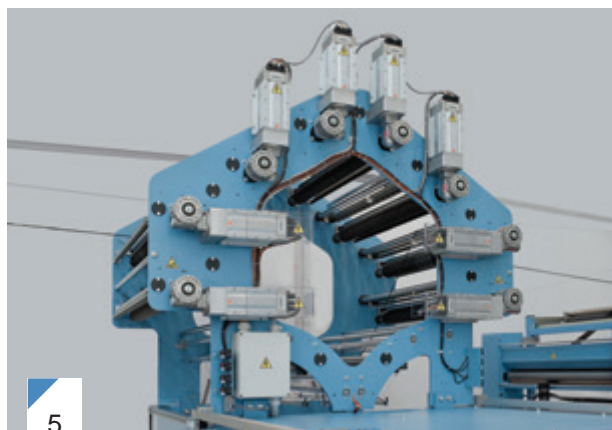
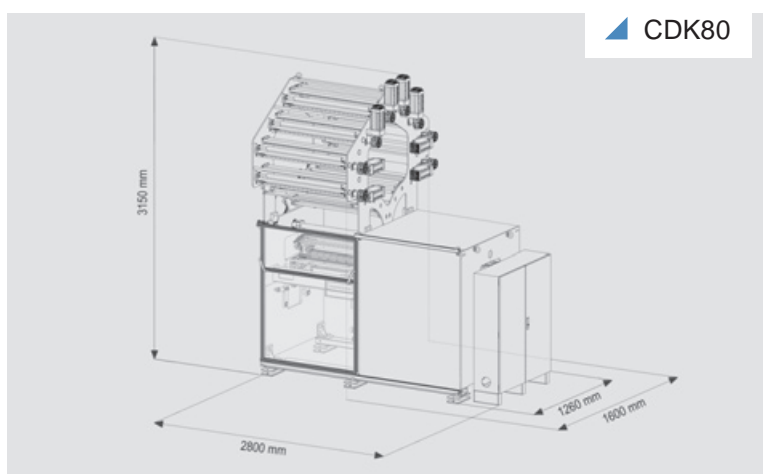
- | | |
|--|------------------------------|
| 1 Spacer fabric | 4 Nets for automotive sector |
| 2 Medical tubular net | 5 Knockover sinker group |
| 3 Sport bands with different pattern on fabric faces | 6 Thread transport frame |

TECHNICAL SPECIFICATION

Gauge (n.p.i.)	E10 E12 E14 E15 E18 E20 E22 E24
Number of needle grooves on needle bed	330 396 462 495 594 660 726 792
Working width	837 mm
Number of guide bars	8 with electronic control
Number of sinker bars	2
Laying bar stroke	25,4 mm
Distance between needle beds	max. 32 mm
Needle type	latch needles
Stitch density (on both needle beds)	3 - 20 stitches/cm
Electrical supply mains	200 - 240 / 380 - 440 V, AC, 3-phase + earth
Main motor power	3.67 kW
Installed power	8 kVA

▲ DIMENSIONS

Width:	2800 mm
Depth:	1600 mm (without platforms)
Height:	3150 mm
Net Weight:	3020 kg (with thread transport frame) 2350 kg (without thread transport frame)



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