

LZ 1/17-80 FZR

**Flat braiding machine
for production of braids for medical applications.
To switch from flat to round braid.**



- 1 braiding head with 17 x carrier IFDA 80
- 80 mm horn gear diameter
- Speed: 50 - 200 horn gear rpm
- Bobbin Ø 42 x 110 mm = 125 ccm
- Colour:
Machine: RAL 7024 graphite grey
Switchbox: RAL 7035 light grey

**Machine design
of braiding machine**

Carrier with closed eyelets made of titanium oxide and double draw	Carrier track plate fitted with controlled crossings to switch from flat to round braid	Complete housing made of Alucobond	Double door with Lexan pane at front and back side
Interior ventilation and lighting	Drilled horn gear pillars, extended to the cladding at the bottom side	Warp thread tubes with ceramic eyelet Ø 4.5 mm	Electronic lay length control PLC with graphic touch panel, product data management and control of pneumatic crossings
2 x take-off disc Ø 48 x 53 mm, 10 grooves, stainless steel	Braid take-up above the machine for drum K 160. Laying via cross spindle.	Dancer control for braid take-up with constant winding tension	Tip button in the interior for „take-off forwards / backwards“
Pay-off device at the underframe for core or warp threads. For drum K 160.	Electro-mechanical guard for core material with Ø 0.5 – 4.0 mm by microswitch.	Electro-mechanical guard for warp threads with Ø 0.5 – 4.0 mm by microswitch.	Warp threads guided by deflection rollers with ceramic core

Optionally available

Different carrier numbers: 13, 17, 25, ...	Pay-off device at the underframe for core or warp threads. For bobbin with max. Ø 300 x 250 mm	Take-off disc available in different sizes	3 roller press take-off for flat and pressed braids up to 35 mm width
Several covers or coatings for take-off disc	Braid take-up above the machine with UHING traverse	Braiding die for braids with Ø 1 – 5 mm	Taking into operation wit bio oil
Parts made of stainless steel	Switch-out-function: Additional horn gears with controlled crossings outside the horn gear circle to park and exchange one carrier	Connection for operating and machine data logging	

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