

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	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	Core material guided by deflection rollers with ceramic core
Pay-off device for core material from drum K 160 at the underframe	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.	

Optionally available

Different carrier numbers: 13, 17, 25, ...	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 on drum above the machine with UHING traverse	Braiding die for braids with Ø 1 – 5 mm	Parts made of stainless steel	Taking into operation with bio oil
Switch-out-function: Additional horn gears with controlled crossings outside the horn gear circle to park and exchange carriers	Connection for operating and machine data logging		

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