

FMB



turbo 8-80

The bar feeder for bar diameters ranging from 8 mm — 80 mm

The FMB bar feeder for fixed headstock machines in the large diameter range. The massive machine bed made of grey iron guarantees high stability and vibration damping for processing big material bar diameters. The pivotable pusher allows compact dimensions.

Guidance of material bar

The pusher is pivotable which allows a very compact design of the bar feeder. It pushes the material bar in time with the lathe. The guide channel is flooded with oil and is equipped with toolless replaceable inserts that are compatible with the diameter of the material bar (and the passage of the spindle).



The machine base

The machine base made of massive grey iron forms the solid base of the bar feeder and accommodates all components. Through its mass it guarantees the highest vibration damping and guidance quality. The machine bases are manufactured to order by FMB.



The control panel

The mobile 8.4" control panel is touch operated. The intuitive and simple operating concept makes handling it easy for all users.

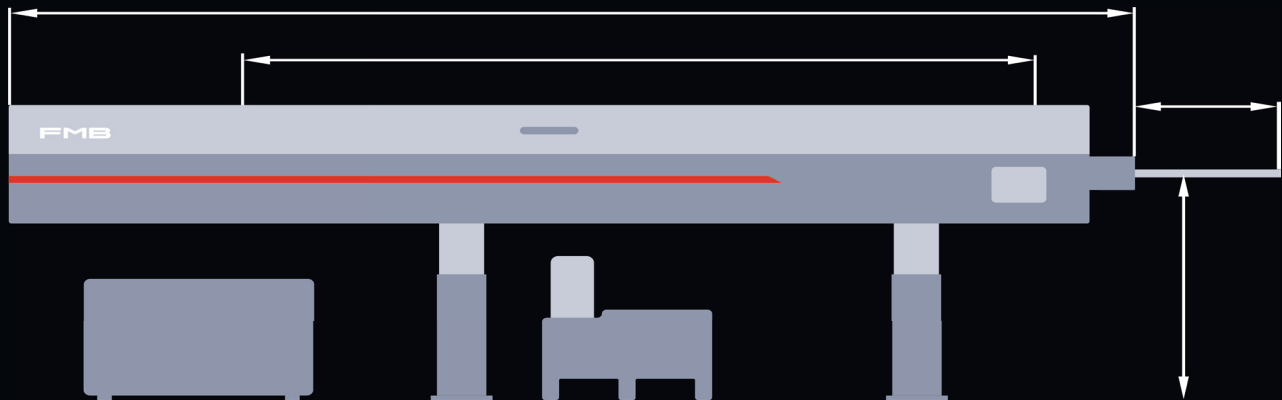


Technical data

	Unit	turbo 8 - 80
Ø Pusher (max.)	mm	80
Bar length*	mm	3200 / 4200 / 6200
Ø Material bars (min. - max.)	mm	8 - 80
Loading capacity	mm	280
Loading capacity (min. Ø/max. Ø)	pieces	35 bei 8 mm / 4 bei 80 mm
Remnant length (max.)	mm	580
Loading time**	s	23
Feed speed	mm/s	0 - 1000
Reverse speed	mm/s	0 - 1400
Operating voltage (50/60 Hz)***	V	3 x 190 - 480
Power consumption	kW	2,5
Compressed air supply	Mpa (bar)	0,6 (6)
Weight****	kg	2800 / 3300 / 4300

*Special lengths upon request; ** Length 3200; ***Will be adjusted according to the lathe's specifications upon delivery;
****without oil filling.

Dimensions



A: Material bar length
B: bar feeder length
C: Width bar feeder

D: Extension length of the pusher
E: Spindle height

Dimensions in mm
* Depending on the pusher

Pusher	1750	1875	2400
	B1	B1	B3
	D1	D2	D3

Length	A	B1 / B3	C	D1 / D2 / D3	E
3200	3200	4695 / 5345	1050	1375 / 1500 / 2025	870 - 1400
4200	4200	5695 / 6345	1050	1375 / 1500 / 2025	870 - 1400
6200	6200	7695 / 8345	1050	1375 / 1500 / 2025	870 - 1400

Standardized series of capacity adjustment sets

Capacity adjustment set	15	25	32	42	50	65	80
Round Ø (mm)	8 - 15	13 - 25	18 - 32	27 - 42	34 - 50	45 - 65	60 - 80
Hexagonal AF (mm)	8 - 11	11 - 20	16 - 26	24 - 35	30 - 42	39 - 55	52 - 68
Square AF (mm)	8 - 9	9 - 16	13 - 21	20 - 28	25 - 34	32 - 44	43 - 55