

FMB



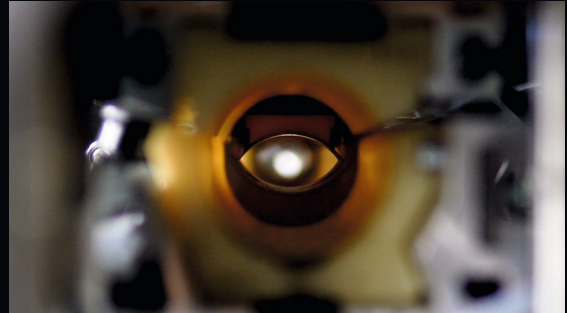
turbo 4-52 V

The bar feeder for bar diameters ranging from 4 mm — 52 mm

The FMB bar feeder for fixed headstock machines in the medium diameter range. The V-technology enables an automatic diameter adjustment with minimal changeover times. The pivotable pusher allows compact dimensions.

The V-technology

Automatic diameter adjustment for minimal changeover times. The required material bar diameter is entered in the control panel. The movable guide segments in the guide channel as well as the separating unit automatically adjust to the diameter. This means that adjusting the guide channel and replacing the pusher is not required anymore for a wide range of diameters.



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 bar feeder's base is a torsion-resistant machine base made of extruded aluminium. This main element accommodates all components and ensures a solid and precise support of the material guide and the necessary stability of the bar feeder. 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.

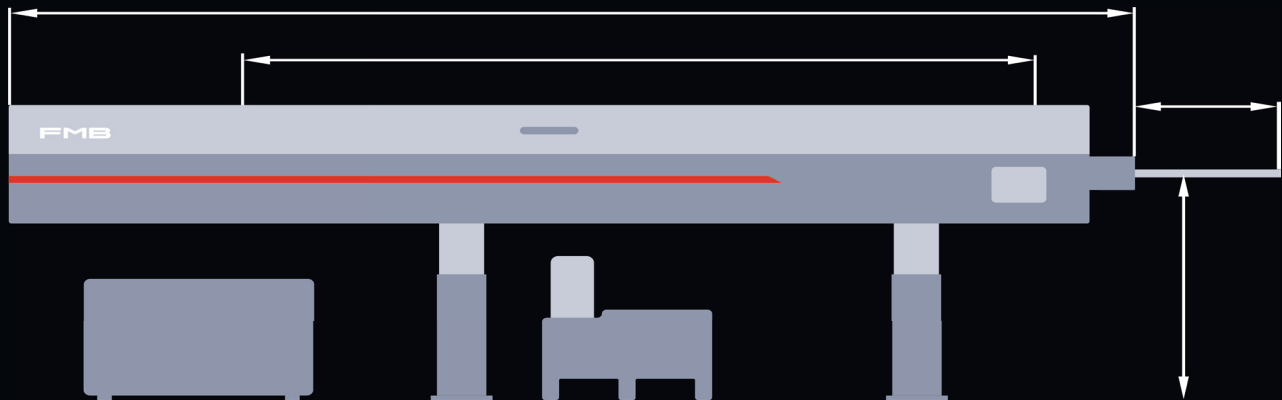


Technical data

	Unit	turbo 4-52 V
Ø Pusher (max.)	mm	52
Bar length*	mm	2200 / 3200 / 4200 / 6200
Ø Material bars (min. - max.)	mm	4 - 52
Loading capacity	mm	290
Loading capacity (min. Ø/max. Ø)	pieces	62 bei 4 mm / 5 bei 52 mm
Remnant length (max.)	mm	450
Loading time**	s	22,5
Feed speed	mm/s	0 - 1000
Reverse speed	mm/s	0 - 2000
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	- / 1150 / 1300 / -

*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	1650	1900
	B1	B2
	D1	D2

Length	A	B1 / B2	C	D1 / D2	E
2200	2210	3350 / 3550	879	1434 / 1684	920 - 1465
3200	3210	4350 / 4550	879	1434 / 1684	920 - 1465
4200	4210	5350 / 5550	879	1434 / 1684	920 - 1465
6200	6210	7350 / 7550	879	1434 / 1684	920 - 1465

Standardized series of capacity adjustment sets

Capacity adjustment set	25	51
Round Ø (mm)	4 - 25	20 - 51
Hexagonal AF (mm)	4 - 20	20 - 43
Square AF (mm)	4 - 16	16 - 34