

FMB



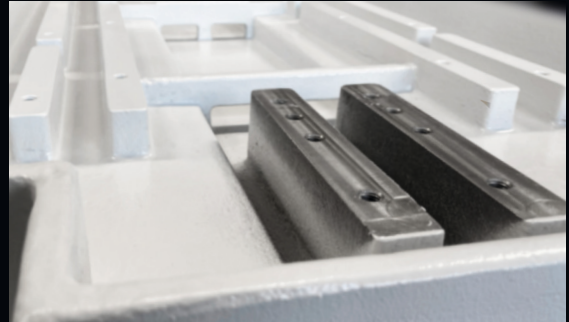
turbo **5-65 V**

The bar feeder for bar diameters ranging from 5 mm — 65 mm

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

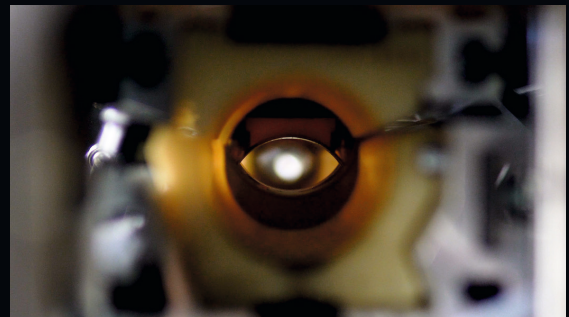
The machine base

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.



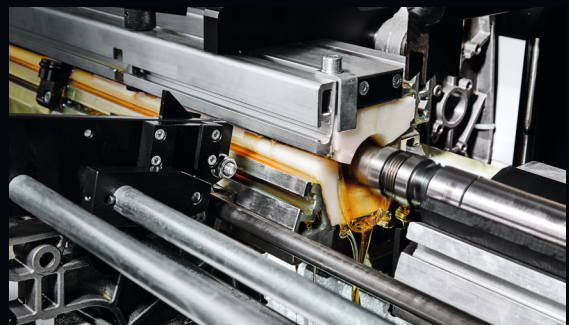
The V-technology

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 control panel

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

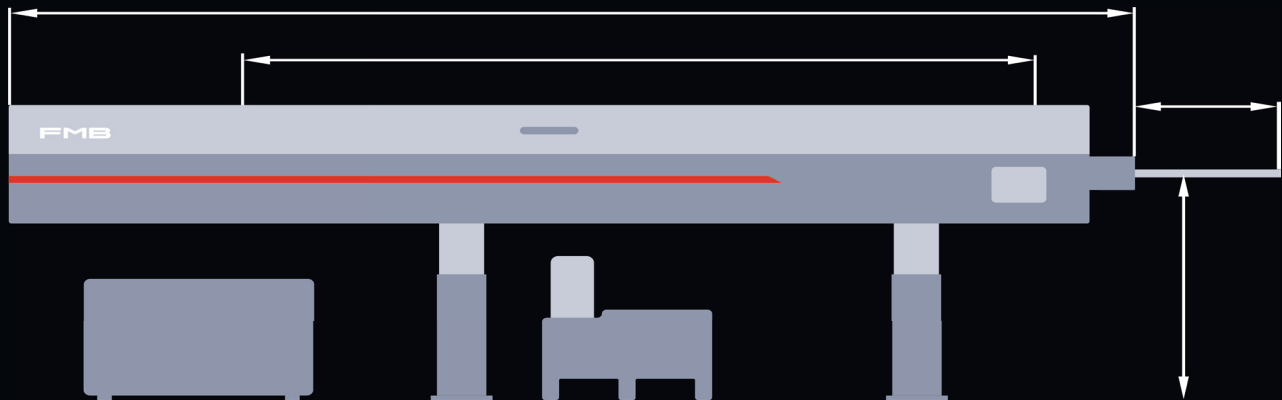


Technical data

	Unit	turbo 5-65 V
Ø Pusher (max.)	mm	65
Bar length*	mm	3200 / 4200 / 6200
Ø Material bars (min. - max.)	mm	5 - 65
Loading capacity	mm	240
Loading capacity (min. Ø/max. Ø)	pieces	48 bei 5 mm / 4 bei 65 mm
Remnant length (max.)	mm	530
Loading time**	s	23
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	1800 / 2300 / 3000

*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	2100
	B1	B2	B3
	D1	D2	D3

Length	A	B1 / B2 / B3	C	D1 / D2 / D3	E
3200	3200	4416 / 4676 / 4876	890	1390 / 1640 / 1840	790 - 1470
4200	4200	5416 / 5676 / 5876	890	1390 / 1640 / 1840	790 - 1470
6200	6200	7416 / 7618 / 7816	890	1390 / 1640 / 1840	790 - 1470

Standardized series of capacity adjustment sets

Capacity adjustment set	25	65
Round Ø (mm)	5 - 25	20 - 65
Hexagonal AF (mm)	5 - 11	20 - 55
Square AF (mm)	5 - 9	16 - 44