

FMB



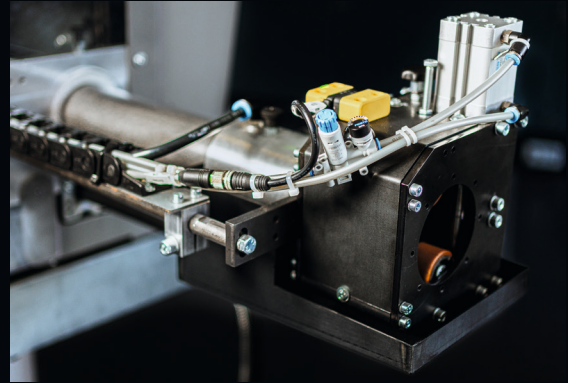
turbo **RS 2-20**

The bar feeder for bar diameters ranging from 2 mm — 23 mm

The FMB bar feeder for sliding headstock machines in the small diameter range. The innovative RS-technology guarantees the highest guidance quality during the turning process. The pivotable pusher allows compact dimensions.

The RS-technology

The RS-technology offers transition-free guidance of the material bar up to the spindle of the lathe. The movable, oil flooded guide module is directly connected to the spindle of the lathe. It moves with it and allows constant guidance of the entire material bar. This ensures that the material bar is optimally guided even in the transition area between bar feeder and lathe. The RS-technology guarantees the highest performance during the turning process.



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.

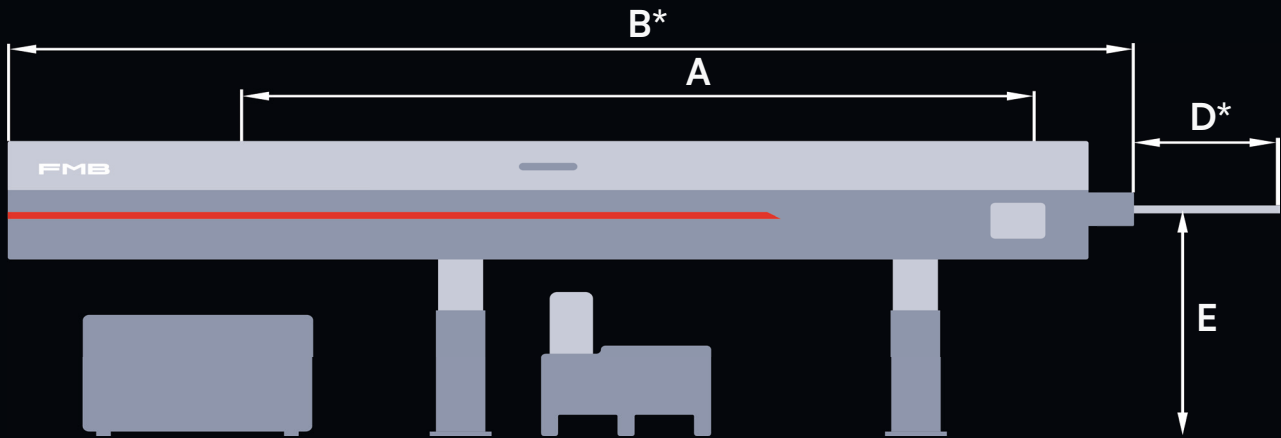


Technical data

	Unit	turbo RS 2-20
Ø Pusher (max.)	mm	23
Bar length*	mm	2200 / 3200 / 4200
Ø Material bars (min. - max.)	mm	2 - 23
Loading capacity	mm	235
Loading capacity (min. Ø/max. Ø)	pieces	117 bei 2 mm / 10 bei 23 mm
Remnant length (max.)	mm	420
Loading time**	s	21
Feed speed	mm/s	0 - 750
Reverse speed	mm/s	0 - 750
Operating voltage (50/60 Hz)***	V	3 x 190 - 480
Power consumption	kW	1,5
Compressed air supply	Mpa (bar)	0,6 (6)
Weight****	kg	450 / 550 / 650
Stroke machine tool	mm	bis 400

*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: baar feeder length
C: Width bar feeder
D: Extension length of the pusher
E: Spindle hight
Dimensions in mm
* Depending on the pusher

Stroke	400
Pusher	1405
	B1
	D1

Length	A	B1	C	D1	E
2200	2200	3130	557	1290	850 - 1250
3200	3200	4160	557	1290	850 - 1250
4200	4200	5130	557	1290	850 - 1250

Standardized series of capacity adjustment sets

Capacity adjustment set	07	10	15	22
Round Ø (mm)	2 - 7	5 - 10	8 - 15	12 - 22
Hexagonal AF (mm)	2 - 4	4 - 7	8 - 11	11 - 17
Square AF (mm)	2 - 4	4 - 6	6 - 9	9 - 14