

FMB



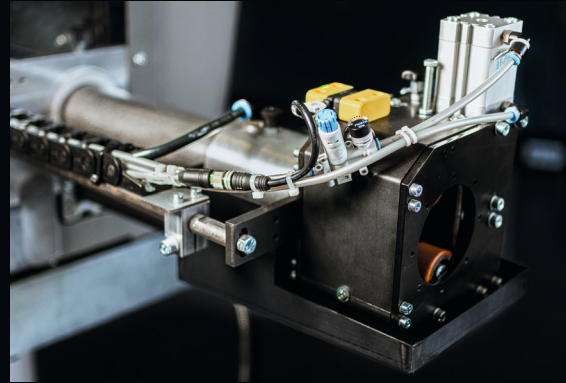
turbo **RS 3-38**

The bar feeder for bar diameters ranging from 3 mm — 38 mm

The FMB bar feeder for sliding headstock machines in the small and the medium 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.

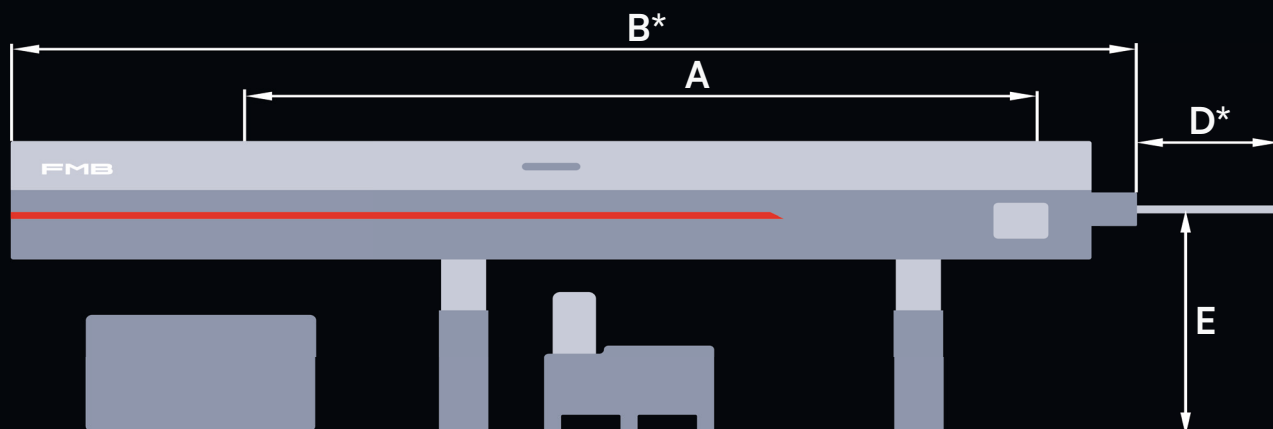


Technical data

	Unit	turbo RS 3-38
Ø Pusher (max.)	mm	38
Bar length*	mm	2200 / 3200 / 4200 / 6200
Ø Material bars (min. - max.)	mm	3 - 38
Loading capacity	mm	230
Loading capacity (min. Ø/max. Ø)	pieces	76 bei 3 mm / 6 bei 38 mm
Remnant length (max.)	mm	450
Loading time**	s	20
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
Compressed air supply	Mpa (bar)	0,6 (6)
Weight****	kg	550 / 750 / 1500 / -
Stroke machine tool	mm	bis 600

*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

Stroke	400	400	600	600
Pusher	1466	1666	1666	1866
	B1	B2	B2	B3
	D1	D2	D2	D3

Length	A	B1 / B2 / B3	C	D1 / D2 / D3	E
2200	2200	3295 / 3495 / 3695	690	1365 / 1565 / 1765	740 -1440
3200	3200	4295 / 4495 / 4695	690	1365 / 1565 / 1765	740 -1440
4200	4200	5295 / 5495 / 5695	690	1365 / 1565 / 1765	740 -1440
6200	6200	7295 / 7495 / 7695	690	1365 / 1565 / 1765	740 -1440

Standardized series of capacity adjustment sets

Capacity adjustment set	07	10	15	25	32	38
Round Ø (mm)	3 - 7	5 - 10	8 - 15	13 - 25	18 - 32	24 - 38
Hexagonal AF (mm)	3 - 4	4 - 7	8 - 11	11 - 20	16 - 26	20 - 31
Square AF (mm)	3 - 4	4 - 6	6 - 9	9 - 16	13 - 21	17 - 25