

FMB



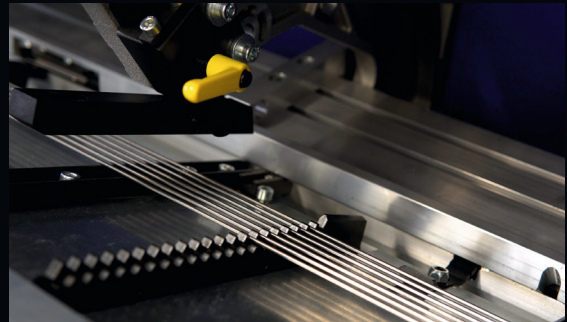
turbo 2-20 P

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 activatable pilgrim-step-separation ensures a process reliable separation and feeding of material bars with a very small diameter. The pivotable pusher allows compact dimensions.

The pilgrim-step-separation

Die Pilgerschrittvereinzelung ist eine Ergänzung der Vereinzelungseinrichtung für Materialstangen mit einem Durchmesser von 0,8 mm bis 4 mm. Durch die gezahnte Form wird jede Materialstange in einem separaten Profil aufgenommen und mit einer getakteten Bewegung Richtung Führungskanal bewegt. So wird eine prozesssichere Zuführung kleinster Materialstangen in den geöffneten Führungskanal gewährleistet.



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.

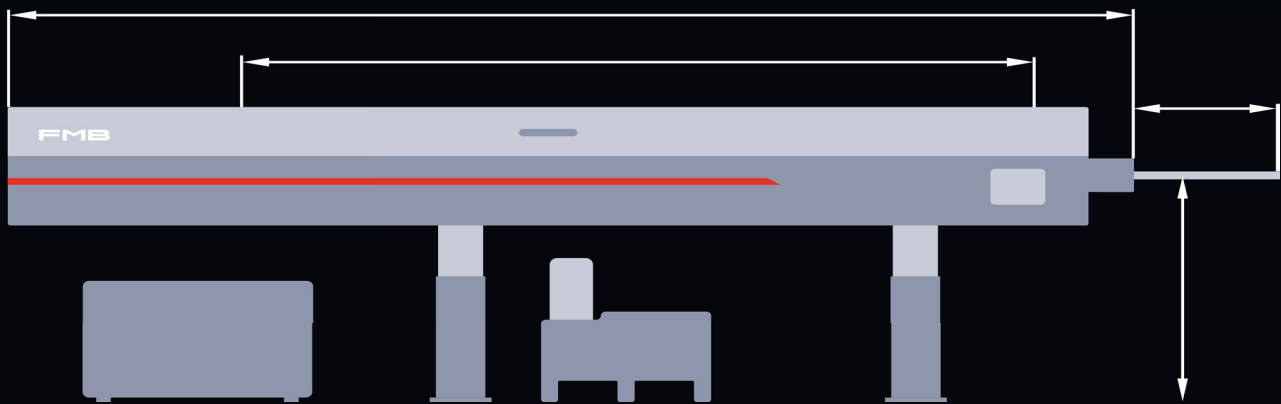


Technical data

	Unit	turbo 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

*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

Pusher	1405	1655
	B1	B2
	D1	D2

Length	A	B1 / B2	C	D1 / D2	E
2200	2220	3215 / 3465	557	1165 / 1415	850 - 1250
3200	3220	4215 / 4465	557	1165 / 1415	850 - 1250
4200	4220	5215 / 5465	557	1165 / 1415	850 - 1250

Standardized series of capacity adjustment sets

Capacity adjustment set	05	07	10	15	22
Round Ø (mm)	0,8 - 5	2 - 7	5 - 10	8 - 15	12 - 22
Hexagonal AF (mm)	1 - 3	2 - 4	4 - 7	8 - 11	11 - 17
Square AF (mm)	1 - 2	2 - 4	4 - 6	6 - 9	9 - 14