

turbo 2-20 P

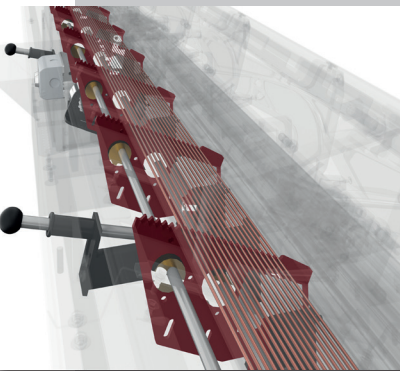
Ø 2 mm - 23 mm

The bar feeder for bar diameters of 2 mm to 23 mm

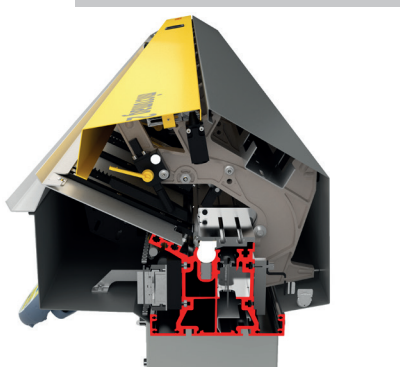
Bar feeder



Portable control panel with integrated magnetic holders for flexible attachment in the operator's working environment



Pivotal pilgrim step separation to process bar diameters of < 4 mm



Torsion-resistant machine base made of extruded aluminium allows for optimal vibration dampening

When processing very small material diameters, the P-version of the turbo 2-20 offers an interesting alternative for the optimal separation of the material bars. The lateral material storage is also equipped with a pivotable pilgrim step separation. The advantages of the compact design through the principle of the two-step feed remain.

Simple and convenient - the ERGOlogic control ...

- Modern touch control with generously sized 8.4" screen makes an intuitive operating concept possible for a faster learning phase.
- Integrated assistant function for guided set up for inexperienced users.

Efficient and practice-oriented handling ...

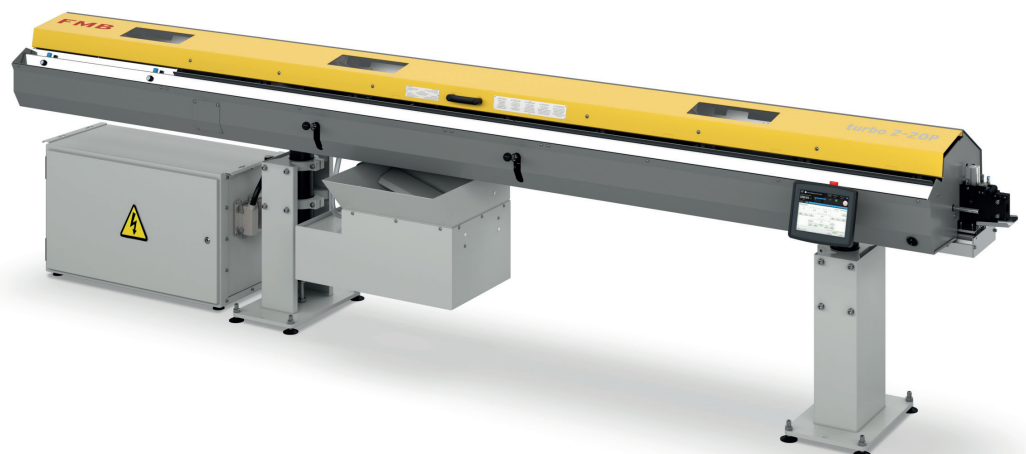
- Fast and easy replacement of inserts makes the efficient adaption of the guide channel to different material diameters possible.
- An optional shifting device allows for the bar feeder to be pushed away up to 400mm from the lathe to replace a spindle reduction, for example.
- The pilgrim step separation placed below the material storage can be pivoted upwards in just a few steps for the processing of bar diameters of < 4 mm and thus makes an optimal separation possible.

Solid design ...

- The torsion-resistant machine base made of extruded aluminium forms the solid base and guarantees the highest vibration dampening together with inserts made of plastic

Optimal material bar guidance ...

- When using a movable spindle stock, the synchronized device couples the bar feed of the bar feeder mechanically to the spindle stock via a coupling system and thus guarantees synchronized following of the pusher.
- The guide steady in combination with the following guide tube or telescopic tube guarantee an optimal guidance, even of small bar diameters in a bigger guide channel. For lathes with long travels along the z-axis a following steady rest is offered as additional support of the material bar.



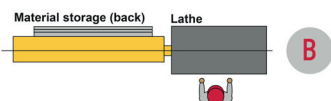
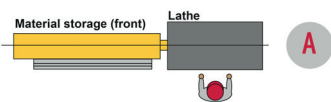
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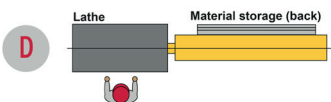
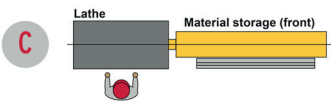
Technical Data

Loading possibilities

Feeding from left



Feeding from right



	Units	turbo 2-20 P		
Ø Pusher (max.)	mm	23		
Bar length ¹⁾	mm	2200	3200	4200
Ø Material bars (min. - max.)	mm	2 - 23		
Loading capacity	mm	235 ²⁾		
Loading capacity (min. Ø/max. Ø)	pieces	117 with 2 mm/10 with 23 mm		
Remnant length (max.)	mm	420		
Loading time (ca.)	s	-	21 ³⁾	-
Feed speed	mm/s	0 - 750		
Reverse speed	mm/s	0 - 750		
Operating voltage (50/60 Hz)	V	3 x 190 - 480 ⁴⁾		
Power consumption	kW	1,5		
Compressed air supply	Mpa (bar)	0,6 (6)		
Weight without oil filling	kg	450	550	650

¹⁾ Special lengths upon request.

²⁾ 22 pieces with pilgrim step separation.

³⁾ with pilgrim step separation ca. 3 seconds longer.

⁴⁾ Will be adjusted according to the lathe's specifications upon delivery.

Standardized series of capacity adjustment sets

Capacity adjustment set ¹⁾	7	10	15	23
Round D [mm]	2 - 7 ²⁾	3 - 10 ²⁾	8 - 15 ²⁾	12 - 23 ²⁾
Hexagonal AF [mm]	3 - 4	3 - 7	7 - 11	11 - 18
Square AF [mm]	2 - 3	3 - 6	6 - 9	9 - 15

¹⁾ Intermediate sizes upon request.

²⁾ Maximum dimension can only be processed by turning the bar end.

