

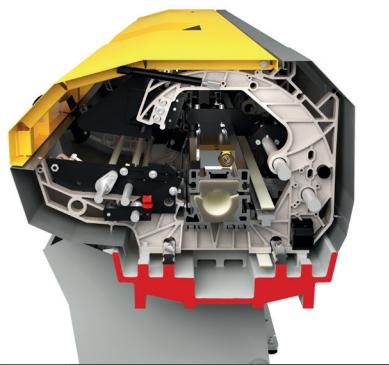
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Ø 8 mm - 80 mm

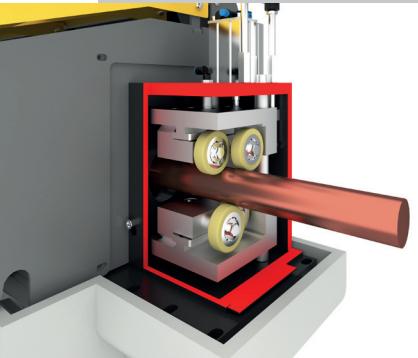
Bar feeders



Ergonomic and easy handling through a portable and user-friendly control panel



Massive and torsion-resistant machine bed made of gray iron ensures optimal vibration dampening



Guide steady can easily be converted from rollers to guide jaws (when processing polygonal material)

FMB
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turbo 8-80

The bar feeder for bar diameter of 8 mm - 80 mm

The turbo 8-80 operates on the two-step feed principle. By pivoting the pusher, this allows for a very compact and thus space-saving design. Furthermore, the massive machine bed made of gray iron guarantees the necessary stability especially for the precise processing of big material bar diameters. Its working areas are single-spindle lathes with a nominal diameter of up to 80 mm which are intended for the permanent use of average up to big diameter ranges.

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.

Efficient and practice-oriented handling ...

- The noise-absorbing guide channel inserts made of polyurethane can easily be exchanged to adjust the channel to the optimal diameter range of the material bars that are to be processed.
- An optional shifting device allows for the bar feeder to be pushed away up to 400 mm from the lathe to replace a spindle reduction, for example.
- The laterally loadable material storage for round, square and hexagonal material is adjustable infinitely at an angle and thus guarantees a gentle and reliable transfer in the guide channel for all bar profiles.

Solid design ...

- The massive and torsion-resistant machine bed made of gray iron forms the solid base and guarantees the highest vibration dampening together with inserts made of polyurethane.

Optimal material bar guidance ...

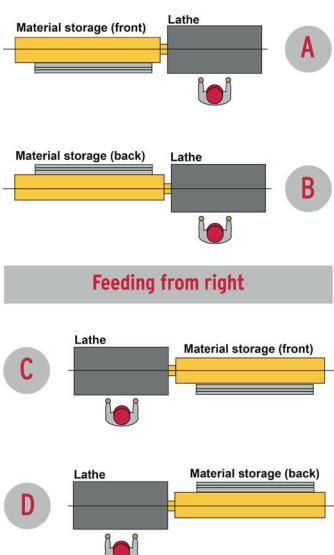
- The guide steady in combination with the following guide tube or telescopic tube guarantee an optimal guidance, even of small bar diameters in a bigger guide channel. For processing round, square or hexagonal material, the guide rollers can also be replaced by guide jaws.



turbo 8-80

Technical data

Loading possibilities



The bar feeder for bar diameters of 8 mm - 80 mm

	Unit	turbo 8-80		
Ø Pusher (max.)	mm	80		
Bar length ¹⁾	mm	3200	4200	6200 ²⁾
Ø Material bars (min. - max.)	mm	8 - 80		
Loading capacity	mm	280		
Loading capacity (min. Ø/max. Ø)	pieces	35 with 8 mm/4 with 80 mm		
Remnant length (max.)	mm	580		
Loading time (ca.)	s	23	-	-
Feed speed	mm/s	0 - 1000		
Reverse speed	mm/s	0 - 1000		
Operating voltage (50/60 Hz)	V	3 x 190 - 480 ³⁾		
Power consumption	kW	3,5		
Compressed air supply	Mpa (bar)	0,6 (6)		
Weight without oil filling	kg	2800	3300	4300

¹⁾ Special lengths upon request.

²⁾ Not available as XT- or V-version.

³⁾ Will be adjusted according to the lathe's specifications upon delivery.

Standardized series of capacity adjustment sets

Capacity adjustment set ¹⁾	15	25	36	42	50	65	80
Round D [mm]	8 - 15 ²⁾	13 - 25 ²⁾	23 - 36 ²⁾	30 - 42 ²⁾	35 - 50 ²⁾	45 - 65 ²⁾	60 - 80 ²⁾
Hexagonal AF [mm]	7 - 11	11 - 20	20 - 30	26 - 31	30 - 42	39 - 55	42 - 67
Square AF [mm]	6 - 9	9 - 16	16 - 24	21 - 25	25 - 34	28 - 45	52 - 55

¹⁾ Intermediate sizes upon request.

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

4695 (Bar length 3200)

5695 (Bar length 4200)

7695 (Bar length 6200)

