

# turbo RS 4-45 V

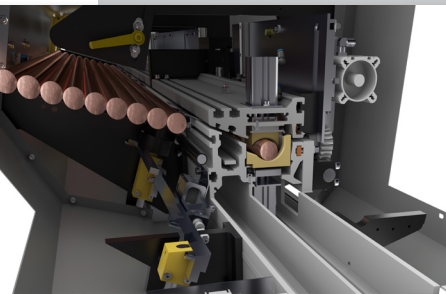
Ø 4 mm - 45 mm

The bar feeder for bar diameters ranging from 4 mm up to 45 mm

## Bar feeders



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



The movable guide segments automatically adapt to the required material bar diameters



The continuously oil-flooded guide channel guarantees the highest level of guide properties seamlessly right up to the spindle.

The V-version of the turbo RS 4-45 has movable guide segments which adapt automatically to the requested material bar diameter after entering the diameter. Thus, exchanging the guide channel and exchanging the pusher over big ranges is not required anymore. When having to exchange material bar diameters often, this leads to a much higher efficiency in production. The proven advantages of the hydrodynamic bearing effect of the oil filled channel remain.

### Efficient and practice-oriented handling ...

- The automatic diameter adaption of the guide segments in the channel as well as the material bar separation are done by control panel entry.
- Fast and easy replacement of inserts makes the efficient adaption of the guide channel to different material diameters possible.

### Optimal material bar guidance right up to the lathe's spindle ...

- The guide channel is directly connected to the lathe's spindle through a movable guide module. The continuously oil flooded construction guarantees the optimal guidance of the material bar right up to the spindle.
- Great performance during the turning process through the highest guidance quality with minimal vibration and noise.

### Easy and convenient - the ERGOlogic control ...

- Modern touch control with a generous 8.4" screen allows for an intuitive operating concept for a faster learning phase.
- Integrated assistant function for guided set up for untrained users.

### Stable design ...

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

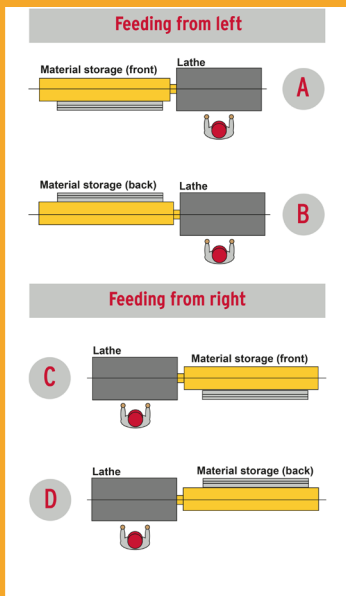


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The bar feeder for bar diameters ranging from 4 mm to 45 mm

## Technical data

### Loading possibilities



	Unit	turbo RS 4-45 V		
Ø Pusher (max.)	mm	45		
Bar length <sup>1)</sup>	mm	3200	3800	4200
Ø material bar (min. - max.)	mm	4 - 45		
Loading capacity	mm	290		
Loading capacity (min. Ø/max. Ø)	pieces	62 with 4 mm/ 6 with 45 mm		
Remnant length (max.)	mm	450		
Loading time*	s	22,5	-	-
Feed speed	mm/s	0 - 1000		
Reverse speed	mm/s	0 - 2000		
Operating voltage (50/60 Hz)	V	3 x 190 - 480 <sup>2)</sup>		
Power consumption	kW	2,5		
Compressed air supply	Mpa (bar)	0,6 (6)		
Weight without oil filling	kg	1200	1300	1350
Stroke lathe	mm	up to 600		

<sup>1)</sup> Special lengths upon request.

<sup>2)</sup> Will be adjusted according to the lathe's specifications upon delivery.

\* According to FMB norm cycle

