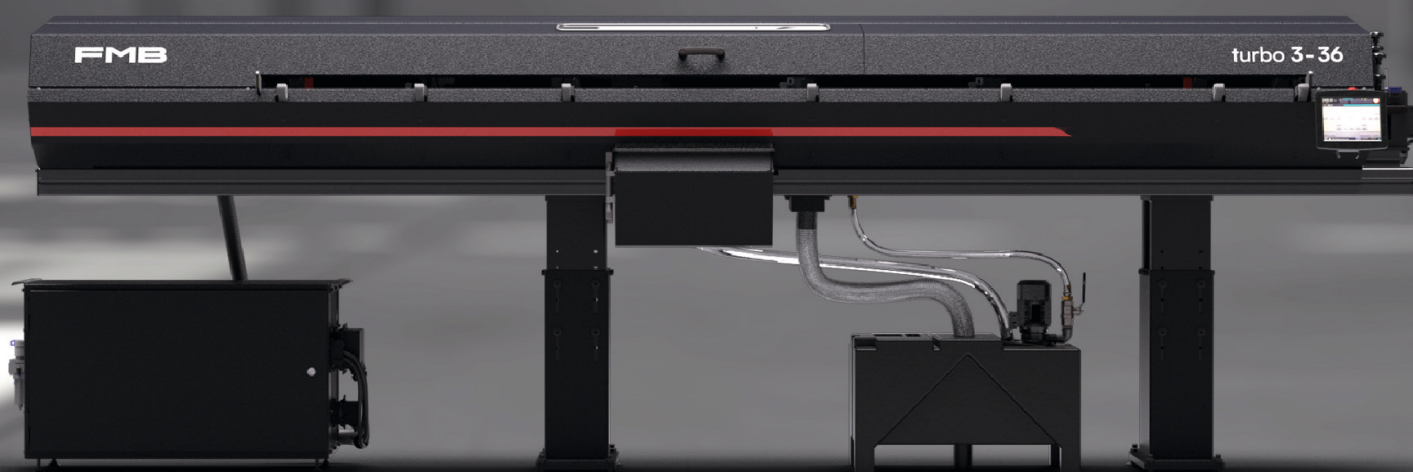


# FMB



## turbo **3-36**

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

The FMB bar feeder for sliding headstock machines in the medium diameter range. The pivotable pusher allows compact dimensions.

## 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.

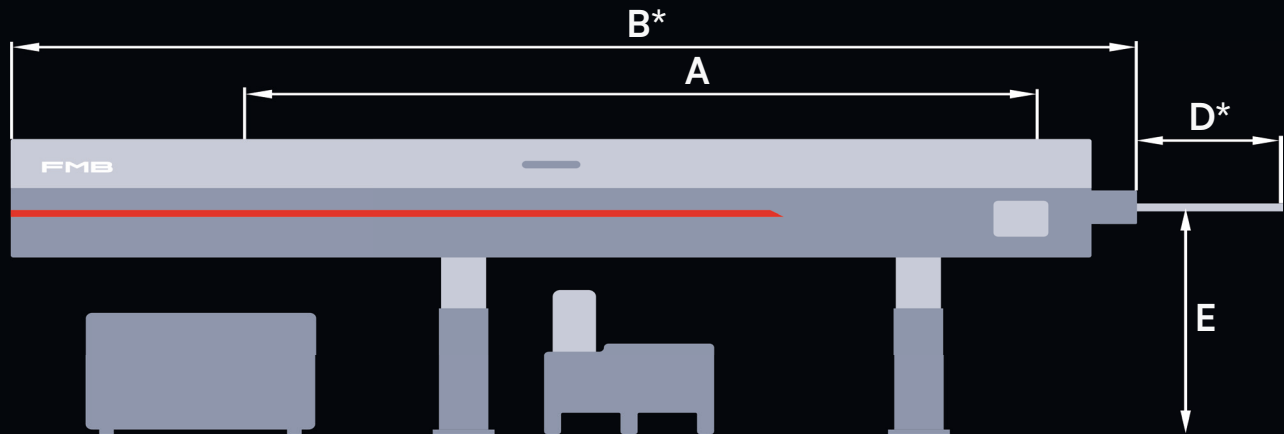


## Technical data

|                                  | Unit         | turbo 3-36                |
|----------------------------------|--------------|---------------------------|
| 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) | St.          | 76 bei 3 mm / 8 bei 26 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<br>(bar) | 0,6 (6)                   |
| Weight****                       | kg           | 550 / 750 / 1000 / 1500   |

\*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

| Pusher | 1466 | 1666 | 1866 |
|--------|------|------|------|
|        | B1   | B2   | B3   |
|        | D1   | D2   | D3   |

| Length | A    | B1 / B2 / B3       | C   | D1 / D2 / D3       | E          |
|--------|------|--------------------|-----|--------------------|------------|
| 2200   | 2200 | 3285 / 3485 / 3685 | 690 | 1278 / 1478 / 1678 | 760 - 1440 |
| 3200   | 3200 | 4285 / 4485 / 4685 | 690 | 1278 / 1478 / 1678 | 760 - 1440 |
| 4200   | 4200 | 5285 / 5485 / 5685 | 690 | 1278 / 1478 / 1678 | 760 - 1440 |
| 6200   | 6200 | 7285 / 7485 / 7685 | 690 | 1278 / 1478 / 1678 | 760 - 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 |