

Box-way Lathe

TubeTurn

Large spindle bore and dual lathe chuck for long tubes



Extensive standard equipment

- · heavy machine bed made of premium cast-iron with hardened and ground guideways
- Spindle bore from 130 to 225 mm
- massive headstock with high-precision spindle running in tapered roller bearings, and 2 lathe chuck mounts on both sides
- gears are hardened and ground
- high torque at the working spindle ensures high chip removal rates when machining parts with large diameters
- powerful main drive motor with 7,5 kW power
- · central, practical controls for feeds and thread leads
- wide spectrum of inch and metric threads
- · heavy-duty 4-station tool holder
- coolant system is included
- taper turning unit with 500 mm turning length



Spindle bores up to 225 mm



Taper turning unit is included



The rear-mounted lathe chuck ensures increased stability for long workpieces

Standard Equipment:

3-axis position indicator, 4-station tool holder, two 3-jaw chuck 400 mm (TubeTurn 135), 3-jaw chuck Ø 500 mm (TubeTurn 200 and 225), 4-jaw face plate chuck Ø 520 mm (TubeTurn 200 and 225), Taper turning unit, coolant system, operator manual

| Options | Part No. |
|---------------------------------|----------|
| Steady rest 320 mm | 251055 |
| Quick-Change Tool Holder Set WC | 103196 |

For additional options for this machine, visit our website and search for TubeTurn (Product Search)

| Specifications | | 135 | 200 | 225 |
|--|--------|----------------|----------------|----------------|
| Working area | | | | |
| Workpiece length (max.) | mm | 1.300 | 1.300 | 1.300 |
| Turning diameter over bed | mm | 630 | 630 | 630 |
| Turning diameter over support | mm | 350 | 350 | 380 |
| X-axis travel | mm | 340 | 340 | 340 |
| Z-axis travel | mm | 1.300 | 1.300 | 1.300 |
| Headstock | | | | |
| Speed range | rpm | 14 - 496 | 24 - 300 | 24 - 300 |
| Spindle Torque (max.) | Nm | 1.920 | 2.050 | 1.920 |
| Lathe chuck diameter | mm | 400 | 500 | 500 |
| Spindle bore | mm | 130 | 200 | 225 |
| Spindle bore in chuck | mm | 130 | 190 | 225 |
| Rapid feed | | | | |
| Rapid feed X-axis | mm/min | 3.000 | 3.000 | 3.000 |
| Rapid feed Z-axis | mm/min | 4.000 | 4.000 | 4.000 |
| Tool head | | | | |
| Number of tool stations | pcs. | 4 | 4 | 4 |
| Tool shank dimensions | mm | 32x32 | 32x32 | 32x32 |
| Tailstock | | | | |
| Tailstock taper | MT | 5 | 5 | 5 |
| Tailstock quill diameter | mm | 100 | 100 | 100 |
| Tailstock quill stroke | mm | 205 | 230 | 230 |
| Drive capacity | | | | |
| Motor rating main drive | kW | 7,5 | 7,5 | 7,5 |
| Total power consumption | kVA | 8,5 | 9 | 9 |
| Measures and weights | | | | |
| Overall dimensions (length x width x height) | m | 3,66x1,45x1,39 | 3,66x1,45x1,39 | 3,66x1,45x1,41 |
| Weight | kg | 4.100 | 4.190 | 4.264 |
| Part No. | | 301739 | 301740 | 301741 |