

TD2-800

Special Vertical Lathe



►Turning up to diameter 800 and with problematic clampings.

CUSTOMIZED SPECIAL MACHINES



DESCRIPTION

- Total installed power 65.5kw
- Machine weight 11.000kg
- Machine size 2.800x1.500
- Plant size 4.650x5.300
- CNC: FANUC Series oi-TF
- Headstock motor: 37Kw, 240Nm. Torque 3.024Nm, 300rpm max. Safety brake.
- X Slides motor:12Nm, belt transmission, reduction 1:44. Ball screw 50x10, Spindle torque 17.3Nm. Max. Speed 15m/min.
- Z Slides brake motor: 12Nm, belt transmission, reduction 1:44. Ball screw 50x10, Spindle torque 17.3Nm. Max. Speed 15m/min.
- Tools: SANDVICK Capto C8

DESCRIPTION

- ▶ Binder: Cylinder 320, 6bar, 4.825kgf. 10bar, 8.042kgf. Axial and radial bearings. Binder floating system.
- ▶ Oil mist suction unit: ABSOLENT A MIST 20.
- ▶ Machine fairing: pneumatic automatic doors. Photoelectric barrier, step 30mm.
- ▶ Cutting fluid: Coolant 70bar
- ▶ Lubrication:
 - Automatic grease: headstock bearings and ball screw main bearings.
 - Grease kit: slides rollers
 - Lifetime grease: ball screws 2^o support

TD2-800 DISC LATHE OPTIONS

- ▶ Laser equipment:
 - Verify that the piece tied to the plate is the one programmed. This is achieved by checking the diameter.
 - Verify that the piece is well tied. It is verified that when turning a turn there is no excessive eccentricity. This eccentricity is programmable.
 - In the case of work with a robot, check that there is a part on the plate.
- ▶ Stylus equipment:
 - Check the wear of the tool.
 - Check the breakage of the tool.



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