

SHORT DELIVERY TIME MACHINE

BASICTURN 1250 C2

BASICTURN 1250 C2 is a vertical turning center designed for efficient turning, boring, threading, drilling, milling or grinding of components. The machine enables external and internal surfaces to be machined and faces to be turned at constant cutting speed. The machine is equipped by a controlled "C" rotary table axis, live spindle drive and automatic exchange of adapters into the ram.

MACHINE FEATURES

- Control system: Fanuc 31 iB
- Manual table with 4 jaws
- Ram: 200 × 240 mm
- Disc tool magazine: 12 places
- Workpiece and tool check: RENISHAW
- Maximum height of workpiece: 1 350 mm
- Maximum workpiece diameter: 1 400 mm
- Maximum weight of workpiece: 4 000 kg



MAIN TECHNICAL PARAMETERS

Working range

Maximum turning diameter	1400 mm
Maximum workpiece diameter	1400 mm
Max. height of workpiece (at height of toolholder 200 mm)	1350 mm
Maximum workpiece weight	4000 kg

Table

Table diameter	1250 mm
Main motor power output	45 kW
Infinitely variable speed range	2 – 400 rpm
Max. torque on the table in Turning mode; S1/100%	14860 Nm

Live Spindle

Speed (infinitely variable in 2 steps)	4 – 3000 rpm
Maximum power output	22 kW
Maximum cutting force (Y)	45 000 N
Torque max.	840 Nm

Travels

Rail-head working travel (X-axis) left / right from table centre	750 / 1100 mm
Ram working stroke (Z axis)	1360 mm
Ram section	200 x 240 mm
Vertical travel of cross rail (in steps 100 mm)	800 mm

Feeds (infinitely variable)

Max. working feed	4000 mm/min
Feed per revolution (up to 4000 mm/min)	0,001 – 50 mm/rev
Rapid traverse	12 m/min