

CNC LATHE BIGLIA B501 SM



TECHNICAL DATA

CNC Fanuc 18i - T

CAPACITY:

Max bar working diameter:	mm 54
Max turning diameter (re-chucking):	mm 250
Max turning length:	mm 500
Max swing diameter:	mm 520

MAIN SPINDLE:

Speed range:	rpm 40 – 4,000
Spindle nose:	ASA 6"
Spindle bore:	mm 80
Chuck diameter:	mm 250
Motor power:	kW 11/15 (50%)

SUB-SPINDLE:

Speed range:	rpm 40 – 4,000
Spindle nose:	ASA 5"
Spindle bore:	mm 52
Chuck diameter:	mm 165
Motor power:	kW 5.5/7.5 (50%)

BI-DIRECTIONAL TURRET:

Number of stations:	12
Indexing time:	sec 0.6

LIVE TOOLS:

Number of stations: 6
Speed range: rpm 50 – 3,000
Motor power: kW 3.7 (50%)

C AXIS:

Type: CS (direct)
Minimum programmable increment: 0.001°
Max rapid speed: rpm 80

AXES:

X axis travel: mm 210 + 5
Z axis travel: mm 500 + 10
B axis travel: mm 510 + 5
Rapid traverse X: m/min 20
Rapid traverse Z: m/min 20
Rapid traverse B: m/min 24

COOLANT:

Tank capacity: L 200
Pump flow rate: L/min 100

DIMENSIONS:

Overall dimensions with chip conveyor: mm 4,000x1,900x1,800 h
Weight with chip conveyor: kg 5,000

Machine equipped with:

- Drilling kit with B-axis sub-spindle operating simultaneously with turning
- 9 bar pump
- Part catcher L 150 mm
- Monitoring system
- Spindle bore mm 71
- Collet holder, simple cone 42
- Chuck diameter mm 165
- Instruction manuals and CE declaration

Year of manufacture: 1998