

CNC LATHE WITH Y AXIS BIGLIA B 658 Y



TECHNICAL DATA

Fanuc 18i - T CNC

WORKING RANGE

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|---------------------------------------------------------|--------|
| Maximum workable bar diameter: | 80 mm |
| Maximum workable bar diameter: 80 mm Machinable length: | 410 mm |
| Maximum machinable length: | 670 mm |
| Maximum rotating diameter: | 600 mm |

MAIN SPINDLE

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| Maximum rotation speed: | 3.500 rpm |
| Spindle nose: | ASA 8" |
| Spindle bore: | 91 mm |
| Internal bearing diameter: | 140 mm |
| Motor power: | 22 kW |
| Motor torque: | 539 Nm |

TAILSTOCK

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| Tailstock taper: | CM 5 with CM4 reduction |
| Automatic B-axis positioning: | 660 mm |
| B-axis rapid traverse: | 15 m/min |

TURRET

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|-----------------------------------|----------------------------------|
| Number of positions: | 12 |
| Tool shank for external/internal: | 20 x 20 – 25 x 25 – Ø32-40-50 mm |
| Rotation time (1 position): | 0.15 sec |

DRIVED TOOLS

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| Number of positions: | No. 12 |
| Maximum rotation speed: | 4.000 rpm |
| Motor power: | 3.7 kW |
| Motor torque: | 70 Nm |

C-AXIS

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| Minimum programmable value: | 0,001° |
| Maximum rapid traverse speed: | 100 rpm |

AXES

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|------------------------|----------------------|
| X-axis travel: | 255 mm |
| Z-axis travel: | 670 mm |
| Y-axis travel: | 110 mm (+ 60 / – 50) |
| X-axis rapid traverse: | 20 m/min |
| Z-axis rapid traverse: | 24 m/min |
| Y-axis rapid traverse: | 7.5 m/min |

COOLANT

| | |
|-------------------|-----------|
| Tank capacity: | 250 L |
| Pump flow rate: | 120 L/min |
| Pump motor power: | 0,75 kW |

DIMENSIONS – WEIGHT

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|----------------------------------------|--------------------------|
| Overall dimensions with chip conveyor: | 4.450 x 1.900 x 2.100 mm |
| Height of spindle center: | 1.060 mm |

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| Weight with chip conveyor: | 6.300 kg |
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Machine equipment:

- Autoblock AXN type hydrodividing chuck, 315 mm
- Various live tool holders (radial and axial)
- Operation and maintenance manuals and CE declaration of conformity

Year of manufacture: 2013