

TYPE OF MACHINE :

**CNC lathe**

STOCK N°

**90118**

BRAND

**MIYANO**

MODEL

**BNJ 42 SY3**

YEAR

**2010**

LOCATION

**73240 St-Genix-les-Villages,  
FRANCE**

[DIRECT LINK](#)





## TECHNICAL CHARACTERISTICS

CNC control	Fanuc Oi-TB
Number of axes	7
Max. cutting diameter	42 [mm]
Max. turning length	100 [mm]
Stroke Z1 axis	246 [mm]
Stroke X1 axis	165 [mm]
Stroke Y1 axis	+/- 40 [mm]
Stroke Z2 axis	525 [mm]
Stroke X2 axis	70 [mm]
Rapid traverse rate X axis	18000 [mm/min]
Rapid traverse rate Z axis	20000 [mm/min]
Rapid traverse rate Y axis	12000 [mm/min]
Spindle throughbore	43 [mm]
Min. spindle speed	60 [rpm]
Max. spindle speed	6000 [rpm]
Increment C-axis	0.02 [°]
Spindle power	11 [kW]
Counter spindle throughbore	36 [mm]
Min. counter spindle speed	67 [rpm]
Max. counter spindle speed	7000 [rpm]
Counter spindle increment C-axis	0.02 [°]
Counter spindle power	5.5 [kW]
Max. tool holder cross-section	20 [mm]
Number of tool stations driven - Turret 1	12
Max. speed driven tools - Turret 1	4000 [rpm]
Indexing time - Turret 1	0.25 [s/pos]
Number of tool stations - Turret 2	6
Indexing time - Turret	0.20 [s/pos]
Live tools power	2.5 [kW]
Lubrication tank capacity	300 [l]
Total power required	31 [kVA]
Supply voltage	400 [V]
RS232 Interface	Yes
Number of hours under power	19802 [h]
Weight	5500 [Kg]
Conform with CE regulations	Yes

*The information on this page has been obtained by the best of our ability. Therefore, its accuracy can not be guaranteed*



## ADDITIONAL INFORMATION

### CUTTING CAPACITY (UPPER TURRET ROTATING TOOLS):

Drilling: Ø13 [mm]

Tapping: M8 x 1.25

Milling: Ø12 [mm]

### EQUIPMENT INCLUDED:

- IEMCA VIP 80E II type 16 bar feeder
- LNS High Pressure pump type Powerstream VP (40 bars)
- Chip conveyor
- Parts recuperator
- Parts conveyor belt
- Brake: on spindle and counter-spindle
- Electrical transformer: 400 / 200 [V]
- Part ejection: in counter-spindle
- Number of axial live tool holders: 3
- Number of radial live tool holders: 3
- Number of steady tool holders (turret 1) : 14
- Number of steady tool holders (turret 2) : 3
- Number of collets DIN173E: 60
- Number of DIN173E collet chucks: 2

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