

***MIYANO MODEL BNJ-51SY2
5-AXIS TWIN TURRET TWIN SPINDLE TURNING CENTER
W/REVOLVING TOOL ATTACHMENT & Y-AXIS***



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BNJ-51SY2

2" Diameter bar capacity

3.9" Work length

STANDARD FEATURES

FANUC 32i-A control

12 Station main turret by servo indexing motor that can be tooled up to 48 tools

12 Live tool stations on the main turret

6 Station sub turret by servo indexing motor

Left spindle for first operation work

Right spindle for secondary operation work

67 to 5,000 RPM left and right spindle speed

20 Horsepower Fanuc AC left spindle drive motor

7.5 Horsepower Fanuc AC right spindle drive motor

0.2 Second/station turret indexing (main turret)

0.2 Second/station turret indexing (sub turret)

Bi-directional turret indexing on both main and sub turrets

Y-Axis on main turret

Left & right spindle synchronous control

Overlapping control for simultaneous machining

C-axis left & right spindle control

Rigid tap function for both spindles

Revolving tool attachment on main turret

3.3 Horsepower revolving tool drive unit

Left spindle stationary type for Hardinge-S22 collet pads

Right spindle stationary type for Hardinge-S16 collet pads

4-Axis simultaneous machining

First and secondary operation can be performed simultaneously

Free position indexing of each cutting tool

Left & right spindle orientation for hexagon and square bar work part transfer

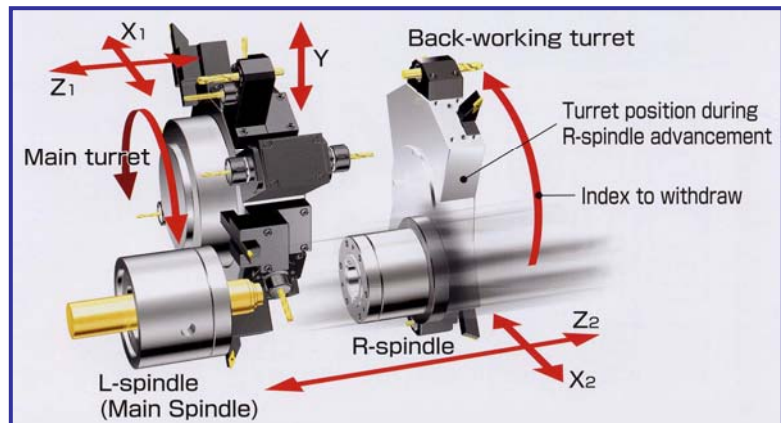
Set of Miyano tool holders

Exclusive left and right spindle combination tool holders reduce turret indexing

Inner high pressure (160 psi) coolant/air for right spindle

1-Year warranty on machine

2-Year warranty on Fanuc control



STANDARD ACCESSORIES

Flood coolant system
High-pressure coolant system for both turrets (160 psi)
Programmable part catcher
Part conveyor
Left spindle disk brake
Work ejector (Cylinder type) in right spindle
Cut-off confirmation
Total & preset counter
Signal tower, 3 steps
Automatic lubrication system
Built in work light
Air blow system for left spindle
Air blow system for right spindle
Splash guard door with safety interlock
Hand tools and toolbox
Instruction manual
Fanuc control manual
Parts list
Electrical diagram
Filler tube assembly
Leveling screws and plates

