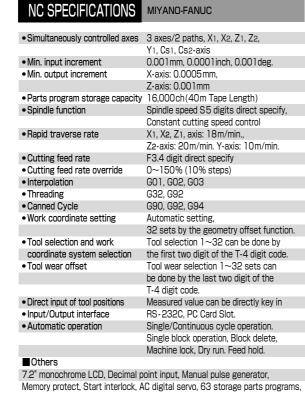


Tooling Area

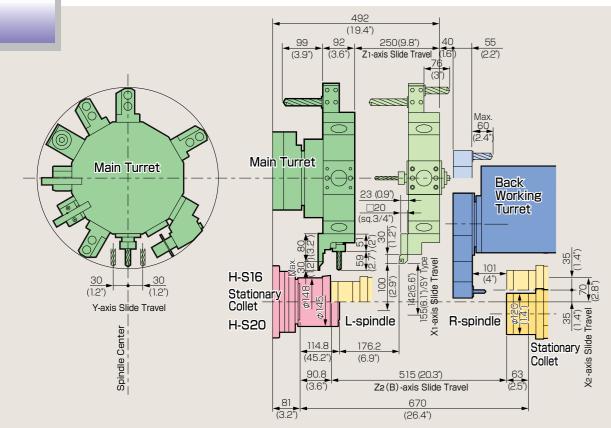


Polar coordinate interpolation, Synchronous mixing feed function. Basic Options Chamfering/Corner R control, Tool nose R compensation, Cs-axis control,

Wear offset. Inch/Metric conversion. Constant cutting speed control. Background editing, Filler tube assembly, Alarm display, Run hour/Parts number countering.

NC Options

Multiple repetitive canned cycle (G70~G76). Custom macro B. Additional parts program storage (Total : 80m, 160m, 320m), Cylindrical Interpolation, Rigid Tapping Function (Spindle / Revolving Tools), Total & Preset Counter, Superimpose Feed Function A, Programmable Data Input (G10), Continuous multi-lead thread cutting, Variable lead thread cutting, Tool life management system.



MACHINE SPECIFICATIONS

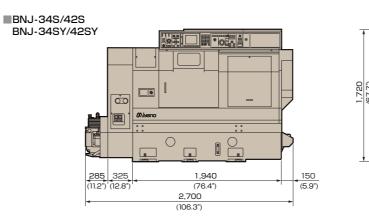
Items	Model Name	BNJ-34S	BNJ-42S	BNJ-34SY	BNJ-42SY
Machining Capacity & Chuc					
Power Chuck & Size	L / R-spindle	5"/4" Oil Hyd.	5"/4" Oil Hyd.	5"/4" Oil Hyd.	5"/4" Oil Hyd.
Max. Bar Capacity	L&R-spindle	\$\$\phi 34mm(1.34" Dia.)	\$\$\phi 42mm(1.65" Dia.)	\$\$\phi 34mm(1.34" Dia.)	φ42mm(1.65" Dia.)
Type of Collet Chuck	L&R-spindle	Stationary	Stationary	Stationary	Stationary
Max. Turning Length	Bar/Chuck	100mm/80mm	100mm/80mm	100mm/80mm	100mm/80mm
Spindle					•
Spindle Motor	L-spindle	VAC 5.5/7.5kW	VAC 7.5/11kW	VAC 5.5/7.5kW	VAC 7.5/11kW
Cont./30min. Rat	R-spindle	VAC 2.2/3.7kW	VAC 3.7/5.5kW	VAC 2.2/3.7kW	VAC 3.7/5.5kW
Spindle Speed Range	L-spindle	80~6,000 rev./min	67~5,000 rev./min	80~6,000 rev./min	67~5,000 rev./min
	R-spindle	67~5,000 rev./min	67~5,000 rev./min	67~5,000 rev./min	67~5,000 rev./min
R-spindle Slide Travel	X2-axis	70mm	70mm	70mm	70mm
	Z2-axis	515mm	515mm	515mm	515mm
Main Turret					
Type of Turret		12 St. Turret	12 St. Turret	12 St. Turret	12 St. Turret
Furret Indexing Time		0.2 Sec./1St.	0.2 Sec./1St.	0.2 Sec./1St.	0.2 Sec./1St.
Furret Indexing Method		Curvic C. & AC Servo	Curvic C. & AC Servo	Curvic C. & AC Servo	Curvic C. & AC Servo
Slide Travel	X1-slide	142mm	142mm	155mm	155mm
	Z1-slide	250mm	250mm	250mm	250mm
	Y1-slide			±30mm	±30mm
Buck working Turret					
Type of Turret		6 St. Segmental Turret	6 St. Segmental Turret	6 St. Segmental Turret	6 St. Segmental Turret
Furret Indexing Time		0.2 Sec./1St.	0.2 Sec./1St.	0.2 Sec./1St	0.2 Sec./1St
Furret Indexing Method		Curvic C. & AC Servo	Curvic C. & AC Servo	Curvic C. & AC Servo	Curvic C. & AC Servo
Revolving Tools (Main Turre	et/Opt.)				
No. of Revolving Tool Static	ons	6	6	6	6
Tool Spindle Speed Range		100~4,000 rev./min	100~4,000 rev./min	100~4,000 rev./min	100~4,000rev./min
Tool Spindle Driving Motor		AC Servo 2.5kW	AC Servo 2.5kW	AC Servo 2.5kW	AC Servo 2.5kW
Machining Capacity	Drill/Tap	¢13mm/M8×1.25	¢13mm/M8×1.25	¢13mm/M8×1.25	¢13mm/M8×1.25
Machine Dimensions					
lachine Hight		1,720mm(67.7")	1,720mm(67.7")	1,720mm(67.7")	1,720mm(67.7")
Floor Space		2,700mm×1,495mm	2,700mm×1,495mm	2,700mm×1,495mm	2,700mm×1,495mm
		(106"×58.9")	(106"×58.9")	(106"×58.9")	(106"×58.9")
Machine Weight		5,100kg(11,230Lbs.)	5,100kg(11,230Lbs.)	5,100kg(11,230Lbs.)	5,100kg(11,230Lbs.)
Others					

ish Guard Interlock. Coolant. Pneumatic Unit. Machine Ligh

Cut-off Confirmation, High Pressure Coolant (L/R-turret), R-spindle Inner Coolant and Work Ejector, Revolving Tools and Driving Unit. Spindle Brake for Main Spindle, Drill Breakage Detector, Air Blow, R-spindle Through Parts Carrier (Max. ¢23mm), Parts Catcher and Parts Conveyer, Hinge Type Chip Conveyer, Chip Box, Coolant Revel Switch, Magazine Loaded Automatic Bar Feeder, Signal Light (3 Steps), Auto Door.

The specifications are subject to change without notice. Standard equipment package may vary by region. nines in photos may not look exactly the same as the actual products

EXTERNAL VIEW



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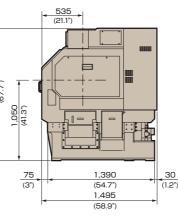
MIYANO MACHINERY (THAILAND) CO., LTD. 240/7-8 Moo 11 Bangna-Trad Rd., Kwaeng Bangna, Khet Bangna, Bangkok 10260 Thailand. Phone: (662)746-7223~5 Facsimile: (662)746-7226

Miyano Machinery (Shanghai) Co., LTD.

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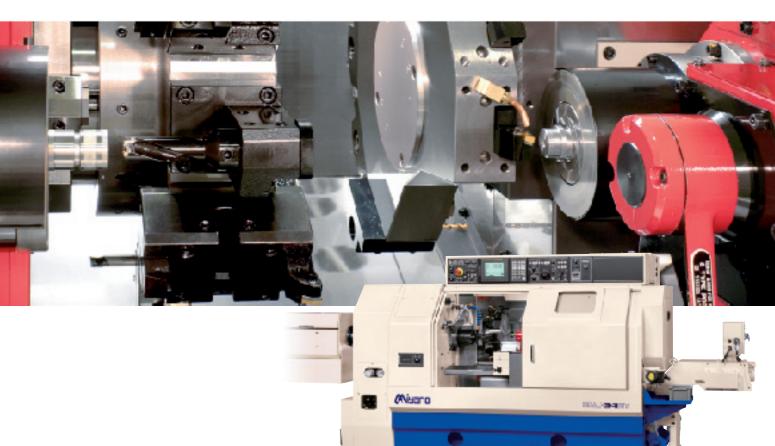






2 Spindles, 2 Turrets / 1 Y-axis Slide CNC Turning Center





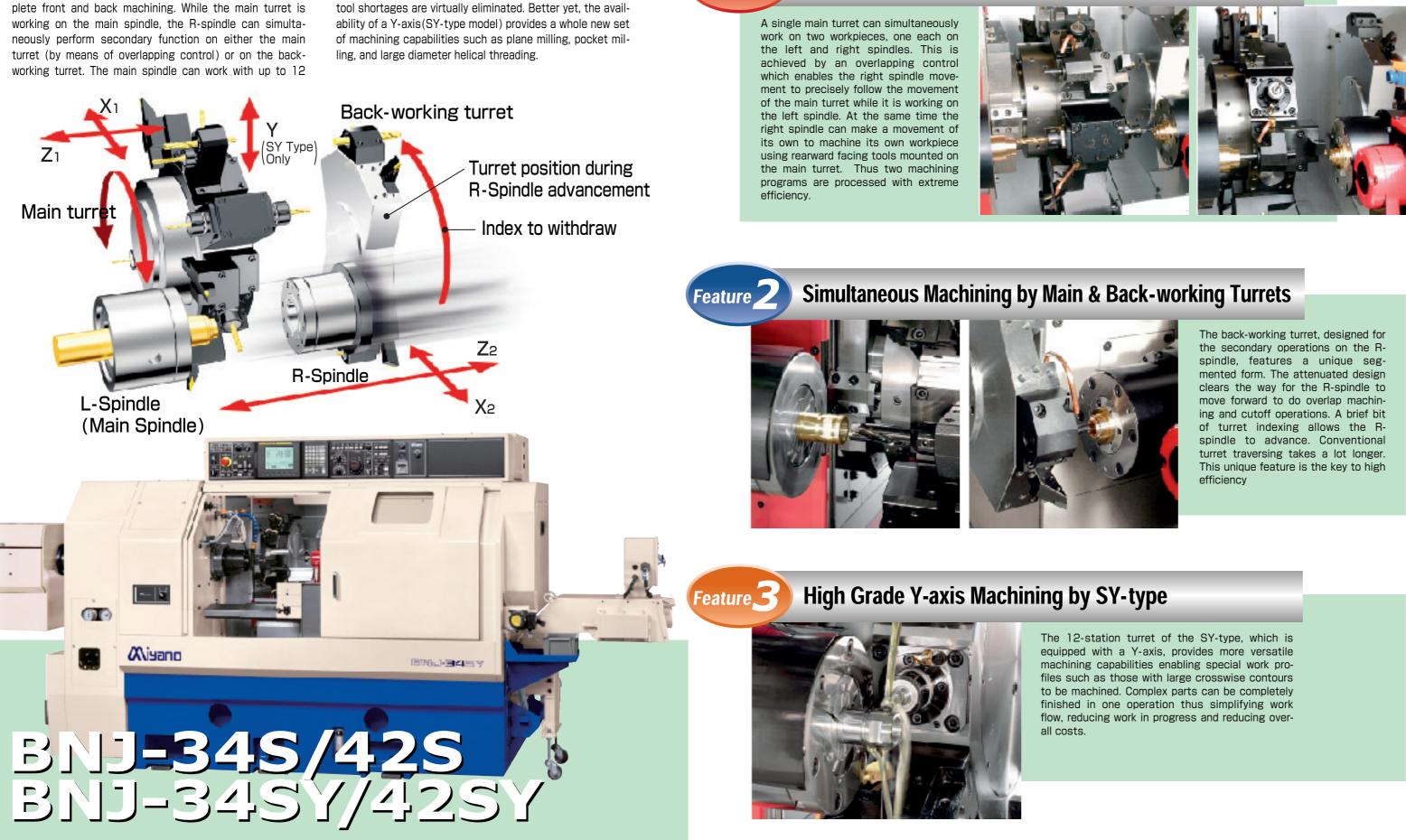
BNJ-34S BNJ-42S **BNJ-34SY BNJ-42SY**

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Smart Machine Movement and SY-type's Y-axis Machining Save Time & Add Value.

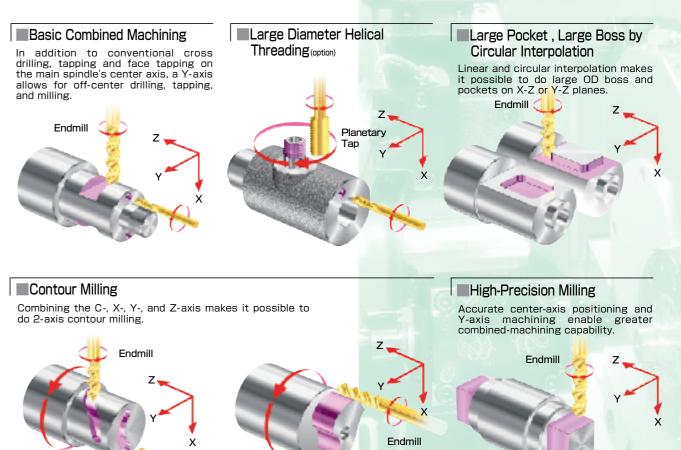
The unique design of a stationary main spindle headstock, main turret traversing on X-& Z-Axis, and back working turret provides a speedy and effective mechanism for complete front and back machining. While the main turret is working on the main spindle, the R-spindle can simultaneously perform secondary function on either the main turret (by means of overlapping control) or on the backworking turret. The main spindle can work with up to 12

tools, while the R-spindle can work with up to 18 tools; 12 on the main turret and 6 on the secondary turret. Revolving tools on the main turret can be shared by both spindles, so



Feature 7

Simultaneous, Overlapping Machining Using Main Turret



Various Options Feature

- Collet Chuck & Power Chuck System Tool-Break Detection System for Drill using Swing Arm-Type Detector
- Main-Spindle braking System Firmly locks the main spindle in position to ensure accuracy of combined machining.
- High Pressure Coolant High pressure coolant works for both ID and OD tools but is especially effective on ID tools with oil holes for cooling and chip disposal.
- R-Spindle Inner Coolant & Cylinder-Type Work Ejector
- Especially effective for through-hole work to avoid chips in the collet chuck.
- Revolving Tool Drive System
- R-Spindle Work Carrier A rearward work-ejection system for the R-spindle, especially effective for a longshaft work max. ϕ 23mm(0.91") diameter
- Magazine Loaded Automatic Bar Feeder A variety of supporting types for bar materials are provided, including an oilhydraulic bar feeder.
- Signal Lights (3lights)



 Cutoff Confirmation A must for bar work. Chip Conveyor (hinge type) Optimum operating speed can be set by the inverter drive. Helps conse





