

Horizontal NC Milling Machine

The horizontal NC milling machine has high operability and accessibility.
The flexibility of work piece positioning is the highest in the series!

Open style to ultimately utilize the advantages of a horizontal machine

Highly flexible work piece positioning

Machining a tall work piece is difficult with vertical machines, but is possible with horizontal machines. Horizontal machines are considered to be the best to machine a box-shaped or long work piece, especially cans. In order to enhance this advantage, our milling machine is deliberately designed as an open type.

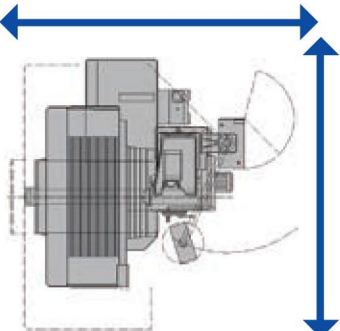
Even a piece larger than the table as shown in the photos on right can be machined. Flexible work piece positioning is possible.

In addition, the indexed table enables more efficient machining.



The "best" size

NCR/SG 2670mm (max : 3500mm)
ATC 3288mm (max : 4000mm)



NCR/SG 2600mm (max : 3200mm)
ATC 2885mm (max : 3700mm)

Design with high operability and accessibility

Concentrated control panel

A rotatable concentrated control panel is used in order to provide comfortable operation with tasks from general operation to programmed machining. With detachable handles with customized specifications, you can enhance the machine's already optimum accessibility.



88 series-Features

YZB-88NCR

Spindle taper No.50

Spindle rotation speed 2000min⁻¹

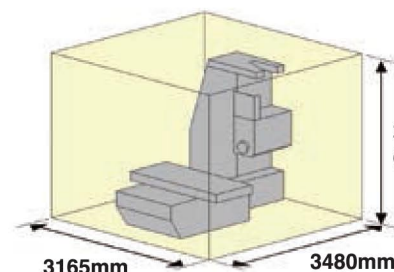
Manual

Guidance

NC program



Required space



2412mm
(High column : 2612mm)

Y : 820mm (min-10mm ~ 810mm)

Z : 660mm
X : 1000mm

Cutting capacity

S50C

Face mill $\phi 200\text{mm}$ 10 blades	
Cutting depth	3mm
S	250min ⁻¹
F	250mm/min
End mill $\phi 50\text{mm}$ 6 blades	
Cutting depth	50mm
S	120min ⁻¹
F	40mm/min
Drill $\phi 40\text{mm}$	
S	150min ⁻¹
F	30mm/min
Tap M24	
S	150min ⁻¹
F	450mm/min

Machine specifications

Working surface	1,400×600mm
Table T-slot width, number & pitch	18" mm×6 P=100mm
X & Z axes travel	1000×660mm
Y axis travel	820 [1020] mm
Spindle speed	55~2000 [3000] min ⁻¹
Spindle taper bore	7/24 taper ISO No.50
Tooling bolt shape	MAS-II [MAS-I]
Tool shank shape	BT50
Rapid feed speed	6,000mm/min
Cutting feed rate (automatic)	0~6,000mm/min
Cutting feed rate (manual)	0~4,000mm/min
Motor power for spindle	3.7 [5.5] kW
Required power	10 [14] KVA
Weight (approx)	5300kg

※ [] indicates customized specifications.