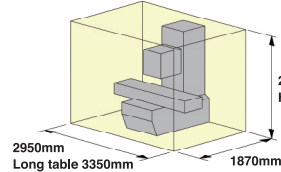


SG Series-Features

YZ-400NCR Spindle taper No.50 Spindle rotation speed 2000min⁻¹

Required space



Manual

Guidance

NC program



Z : 600mm (min170mm ~ 770mm)

Y : 400mm

X : 850mm

Cutting capacity

Face mill $\phi 160$ mm 8 blades	
Cutting depth	3.5mm
S	315min ⁻¹
F	380mm/min
End mill $\phi 50$ mm 6 blades	
Cutting depth	50mm
S	120min ⁻¹
F	44mm/min
Drill $\phi 50$ mm	
S	120min ⁻¹
F	36mm/min
Tap M33	
S	120min ⁻¹
F	—

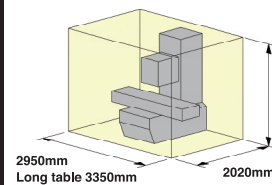
Machine specifications

Working surface	1,400mm×400mm
X & Y axes travel	850mm×400mm
Z axis travel	600 [800] mm
Spindle speed	55~2000 [3000] [4000]min ⁻¹
Spindle taper bore	7/24 taper ISO No.50
Tooling bolt shape	MAS4 / II
Tool shank shape	NT50 [BT50]
Rapid feed speed	6,000mm/min
Cutting feed rate (automatic)	0~6,000mm/min
Cutting feed rate (manual)	2~4,000mm/min
Motor power for spindle	5.5 kW
Required power	14 KVA
Weight (approx)	3800kg

※ [] indicates customized specifications.

YZ-400SG Spindle taper No.50 Spindle rotation speed 3000min⁻¹

Required space



Manual

Guidance

NC program

Rigid tap



Z : 550mm (min150mm ~ 700mm)

Y : 400mm

X : 850mm

Cutting capacity

Face mill $\phi 160$ mm 8 blades	
Cutting depth	6mm
S	320min ⁻¹
F	250mm/min
End mill $\phi 50$ mm 6 blades	
Cutting depth	50mm
S	120min ⁻¹
F	40mm/min
End mill $\phi 50$ mm 2 blades	
S	120min ⁻¹
F	25mm/min
Tap M48	
S	40min ⁻¹
F	200mm/min

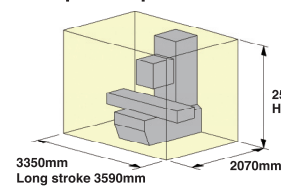
Machine specifications

Working surface	1,400mm×400[1,600mm×400]mm
X & Y axes travel	850mm×400mm
Z axis travel	550 [750]mm
Spindle speed	40~3000 [4000] [6000]min ⁻¹
Spindle taper bore	7/24 taper ISO No.50
Tooling bolt shape	MAS4 / II
Tool shank shape	NT50 [BT50]
Rapid feed speed	XY : 10,000mm/min Z : 8,000mm/min
Cutting feed rate (automatic)	0~6,000mm/min
Cutting feed rate (manual)	0~4,000mm/min
Motor power for spindle	7.5 / 11 kW
Required power	21 KVA
Weight (approx)	4400kg

※ [] indicates customized specifications.

YZ-550NCR Spindle taper No.50 Spindle rotation speed 2000min⁻¹

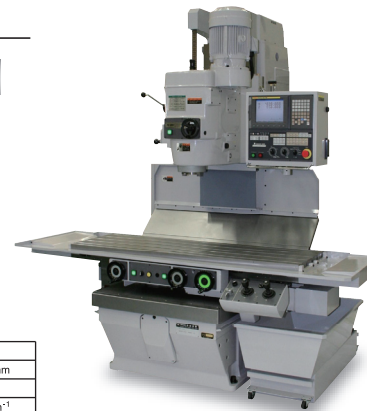
Required space



Manual

Guidance

NC program



Z : 550mm (min170mm ~ 720mm)

Y : 550mm

X : 1050mm

Cutting capacity

Face mill $\phi 160$ mm 8 blades	
Cutting depth	3.5mm
S	315min ⁻¹
F	380mm/min
End mill $\phi 50$ mm 6 blades	
Cutting depth	50mm
S	120min ⁻¹
F	44mm/min
Drill $\phi 50$ mm	
S	120min ⁻¹
F	36mm/min
Tap M33	
S	120min ⁻¹
F	—

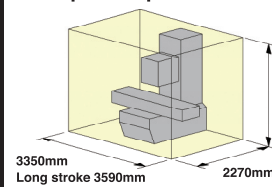
Machine specifications

Working surface	1,600mm×500mm
X & Y axes travel	1050mm×550 [1250×550]mm
Z axis travel	550 [750]mm
Spindle speed	55~2000 [3000] [4000]min ⁻¹
Spindle taper bore	7/24 taper ISO No.50
Tooling bolt shape	MAS4 / II
Tool shank shape	NT50 [BT50]
Rapid feed speed	6,000mm/min
Cutting feed rate (automatic)	0~6,000mm/min
Cutting feed rate (manual)	2~4,000mm/min
Motor power for spindle	5.5 kW
Required power	14 KVA
Weight (approx)	4900kg

※ [] indicates customized specifications.

YZ-500SG Spindle taper No.50 Spindle rotation speed 3000min⁻¹

Required space

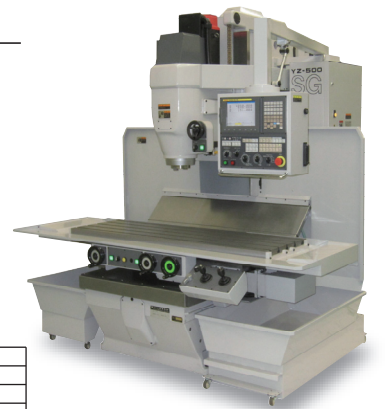


Manual

Guidance

NC program

Rigid tap



Z : 550mm (min150mm ~ 700mm)

Y : 550mm

X : 1050mm

Cutting capacity

Face mill $\phi 160$ mm 8 blades	
Cutting depth	6mm
S	320min ⁻¹
F	250mm/min
End mill $\phi 50$ mm 6 blades	
Cutting depth	50mm
S	120min ⁻¹
F	40mm/min
End mill $\phi 50$ mm 2 blades	
S	120min ⁻¹
F	25mm/min
Tap M48	
S	40min ⁻¹
F	200mm/min

Machine specifications

Working surface	1,600mm×500mm
X & Y axes travel	1050×550 [1250×550] mm
Z axis travel	550 [750] mm
Spindle speed	40~3000 [4000] [6000]min ⁻¹
Spindle taper bore	7/24 taper ISO No.50
Tooling bolt shape	MAS4 / II
Tool shank shape	NT50 [BT50]
Rapid feed speed	XY : 10,000mm/min Z : 8,000mm/min
Cutting feed rate (automatic)	0~6,000mm/min
Cutting feed rate (manual)	0~4,000mm/min
Motor power for spindle	7.5 / 11 kW
Required power	21KVA
Weight (approx)	4950kg

※ [] indicates customized specifications.