

CNC MILLING MACHINE **M2LS/M3HS/M4HS/M4 CNC**

Convincing arguments: quality, efficiency and price

- Ball screw in all three axis
- Automatical lubricating system
- Coolant system

SIEMENS 808D control



Model	M2LS	M3HS	M4HS	M4
Code No.	1102100	1103100	1104100	1104000
Total connection	2.5KW	5KW	6KW	5KW
Spindle taper	BT30	ER32	ER32	SK40
Spindle speed	90-3000rpm	150-8600rpm	150-8600rpm	150-3100rpm
Table length×width	700x180mm	750×210mm	850×240mm	850x240mm
T-slot(size/distance/number)	12mm/63mm/3	12mm/63mm/3	18mm/80mm/3	18mm/80mm/3
X axis	480mm	430mm	500mm	500mm
Y axis	155mm	200mm	240mm	240mm
Z axis	275mm	450mm	500mm	500mm
Packing size(LxWxH)	1816x996x2054mm	2030×1290×2280mm	2030×1350×2240mm	2040x1320x2240mm
Net weight/Gross weight	360/420kg	760/830kg	800/870kg	800/870kg

CNC MILLING MACHINE F 2/F 3 CNC

CNC

Convincing arguments: quality, efficiency and price

- Linear guiding in all three axis
- Ball screw in all three axis
- Each door equipped with a safety switch and air-line with safety valve
- Automatical lubricating system
- Coolant system
- Spindle servo motor and drive
- Pneumatical-cylinder and cutter
- Compact structure, easy for operation and less occupied area

SIEMENS 808D control



F 2



F 3

Standard equipment



- Wide electrical-cabinet for easy maintenance



- Siemens 808D control system

Model	F 2	F 3
Code No.	1102200	1103200
Total connection	2.5KW	4KW
Spindle taper	BT30	BT30
Spindle speed	90-3000rpm	50-4000rpm
Face milling dimension (Max)	Ø52mm	Ø40mm
End milling dimension (Max)	Ø20mm	Ø25mm
Table length×width	700x180mm	620x180mm
T-slot(size/distance/number)	12mm/63mm/3	12mm/50mm/3
X axis	480mm	355mm
Y axis	155mm	190mm
Z axis	275mm	245mm
Packing size(LxWxH)	1816x996x2100mm	1720x1720x1950mm
Net weight/Gross weight	360/420kg	1100/1200kg

CNC MACHINE CENTER **F 4/F 80 CNC**

Convincing arguments: quality, efficiency and price

- Linear guiding in all three axis
- Servo-drive in all three axis
- Door equipped with a safety switch
- Ball screw in all three axis
- Central lubricating
- Coolant system
- Compact structure, easy for operation

SIEMENS 808D control

8 pcs Tool changer



F 4

10 pcs Tool changer



F 80

Optional accessories:



- The fourth axis imported from Taiwan (Rotary table)



- Tool-setting gauge



- Optical Probe System

Model	F 4	F 80
Code No.	1104200	1108000
Total connection	6KW	7KW
Spindle taper	BT30	BT30
Spindle speed	50-10000rpm	50-10000rpm
Face milling dimension (Max)	Ø65mm	Ø65mm
End milling dimension (Max)	Ø30mm	Ø30mm
Capacity	8 tools	10 tools
Table length×width	690x210mm	800x260mm
T-slot(size/distance/number)	16mm/63mm/3	16mm/50mm/5
X axis	310mm	400mm
Y axis	200mm	230mm
Z axis	300mm	400mm
Packing size(LxWxH)	2020x1840x2150mm	2020x1780x2220mm
Net weight/Gross weight	1400/1520kg	1700/1900kg

Standard equipment



- Wide electrical-cabinet for easy maintenance



- Magazine tool-changer



- Siemens 808D control system

CNC MACHINE CENTER F 105/F 150 CNC



F 105

SIEMENS 808D control



• Turntable style tool magazine 16tools

• Disc style tool magazine (optional) 24 tools



F 150

Optional accessories:



- Water out from spindle center
- Press 20 Bars
- Filtering precision is 25µm



- The fourth axis imported from Taiwan (Rotary table)



- Tool-setting gauge



- Optical Probe System



- Chip conveyor

Model	F 105	F 150
Code No.	1110500	1115000
Total connection	10KW	12KW
Spindle taper	BT40	BT40
Spindle speed	10-8000rpm	10-10000rpm
Face milling dimension (Max)	Ø75mm	Ø80mm
End milling dimension (Max)	Ø35mm	Ø38mm
Capacity	12 tools	16 tools
Tool diameter (Max)	Ø 104mm(with adjacent tool) Ø160mm	Ø 78mm(with adjacent tool) Ø120mm
Table length×width	800x350mm	960x450mm
T-slot(size/distance/number)	16mm/50mm/5	18mm/80mm/5
X axis	550mm	650mm
Y axis	330mm	500mm
Z axis	460mm	500mm
Packing size(LxWxH)	2238x1981x2215mm	2292x2268x2220mm
Net weight/Gross weight	2800/3200kg	3500/4000kg

CNC MACHINE CENTER F 210/300/500/600/800 CNC

Convincing arguments: quality, efficiency and price

- Linear guiding in all three axis
- Ball screw in all three axis
- Automatical lubricating system
- Built-in working lamp/coolant system



F 210/300/500



F 600



F 800

Model	F 210	F 300	F 500	F 600	F 800
Code No.	1121000	1130000	1150000	1160000	1180000
Total connection	18KW	21KW	24KW	24KW	30KW
Spindle taper	BT40	BT40	BT40	BT50	BT50
Spindle speed	10-8000rpm	10-8000rpm	8000rpm	6000/8000rpm	6000/8000rpm
Face milling dimension (Max)	Ø85mm	Ø85mm	Ø90mm	Ø110mm	Ø120mm
End milling dimension (Max)	Ø42mm	Ø42mm	Ø50mm	Ø55mm	Ø60mm
Capacity	24 tools	24 tools	24 tools	24 tools	24 tools
Tool diameter (Max)	Ø78mm(with adjacent tool) Ø120mm	Ø78mm(with adjacent tool) Ø120mm	Ø78mm(with adjacent tool) Ø120mm	Ø112mm(with adjacent tool) Ø200mm	Ø112mm(with adjacent tool) Ø200mm
Table length×width	1050×500mm	1000×500mm	1360×650mm	1400×700mm	1700×800mm
T-slot(size/distance/number)	18mm/90mm/5	18mm/84mm/5	18mm/110mm/5	18mm/110mm/5	22mm/160mm/5
X axis Travel	800mm	900mm	1100mm	1200mm	1500mm
Y axis Travel	500mm	550mm	650mm	700mm	800mm
Z axis Travel	550mm	600mm	650mm	700mm	800mm
Packing size(LxWxH)	2750×2250×2525mm	3150×2600×2850mm	3300×2680×3150mm	4090×3290×3650mm	3950×3650×3550mm
NW/GW	5000/5500kg	5200/6000kg	7300/8300kg	8500/9700kg	12800/14000kg