

CNC Mill-turn Machines - M100 / M120 / M150



M100

Nominal centre distance	mm	2000/3000/5000/6500/8000/*
Swing - ϕ over Top slide	mm	900
Max. Turning- ϕ between centers	mm	980/940/920/880/860
Standard chuck - ϕ	mm	500/630/800
Max. power, Turning spindle 60% (100%) duty cycle	kW	71(60)/126(100)
Max. torque, Turning spindle 60% (100%) duty cycle	Nm	5290(4470) - 12400(9860)
Max. spindle speed, Turning spindle	min-1	1600 // 1000
Max. power, Milling spindle 100% duty cycle	kW	30/55**
Max. torque, Milling spindle 100% duty cycle	Nm	315/730
Max. spindle speed, Milling spindle	min-1	6000/3200
Max. pressure of coolant through spindle	bar	80
Swivelling range B-axis	degree	-110/+90
Travel Y-axis, 30kW	mm	600(-200/+400)
Travel Y-axis, 55kW	mm	500(-200/+300)
Travel X-axis	mm	920(-20/+900)
Steady rest, Max. clamping - ϕ	mm	460
Tailstock, quill - ϕ	mm	180
Tool Magazine HSK-A100	number	30/60/90
Tool Magazin Capto C8 / KM 80	number	36/72/108
Control Siemens	Type	SINUMERIK 840D

*larger on request **valid from July 2010

M120

Nominal centre distance	mm	2000/3000/5000/6500/8000/*
Swing - ϕ over Top slide	mm	1140
Max. Turning- ϕ between centers	mm	1220/1180/1160/1120/1100
Standard chuck - ϕ	mm	500/630/800
Max. power, Turning spindle 60% (100%) duty cycle	kW	71(60)/126(100)
Max. torque, Turning spindle 60% (100%) duty cycle	Nm	5290(4470) - 12400(9860)
Max. spindle speed, Turning spindle	min-1	1600 // 1000
Max. power, Milling spindle 100% duty cycle	kW	30/55
Max. torque, Milling spindle 100% duty cycle	Nm	315/730
Max. spindle speed, Milling spindle	min-1	6000/3200
Max. pressure of coolant through spindle	bar	80
Swivelling range B-axis	degree	-110/+90
Travel Y-axis, 30kW	mm	600(-250/+350)
Travel Y-axis, 55kW	mm	650(-300/+350)
Travel X-axis	mm	1120(-20/+1100)
Steady rest, Max. clamping - ϕ	mm	680
Tailstock, quill - ϕ	mm	180/300
Tool Magazine HSK-A100	number	30/60/90

Tool Magazin Capto C8 / KM 80	number	36/72/108
Control Siemens	Type	SINUMERIK 840D

* larger on request

M150

Nominal centre distance	mm	2000/3000/5000/6500/8000/*
Swing - ϕ over Top slide	mm	1480
Max. Turning- ϕ between centers	mm	1560/1520/1500/1460/1440
Standard chuck - ϕ	mm	500/630/800/1000
Max. power, Turning spindle 60% (100%) duty cycle	kW	71(60)/126(100)
Max. torque, Turning spindle 60% (100%) duty cycle	Nm	5290(4470) - 12400(9860)
Max. spindle speed, Turning spindle	min-1	1000
Max. power, Milling spindle 100% duty cycle	kW	55
Max. torque, Milling spindle 100% duty cycle	Nm	730
Max. spindle speed, Milling spindle	min-1	3200
Max. pressure of coolant through spindle	bar	80
Swivelling range B-axis	degree	-110/+90
Travel Y-axis, 55kW	mm	800(-450/+350)
Travel X-axis	mm	1120(-20/+1100)
Steady rest, Max. clamping - ϕ	mm	810
Tailstock, quill - ϕ	mm	300
Tool Magazine HSK-A100	number	30/60/90
Tool Magazin Capto C8 / KM 80	number	36/72/108
Control Siemens	Type	SINUMERIK 840D

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