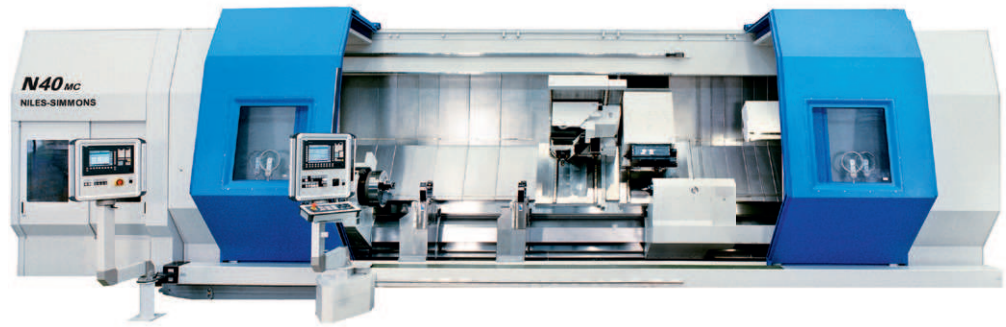


N40 MC



■ CNC Control

Control system		SINUMERIK 840D sl
Drive system		SINAMICS S120

■ Working Area

Nominal length	mm	2000 3000 4500 6000
Swing diameter	mm	820 920
Slidetravel X-Axis	mm	875
Slidetravel Y-Axis	mm	600

■ Main Spindle / Counter Spindle*

Spindle head acc. to DIN 55026	size	A15
Spindle bore	mm	160
Diameter bearing	mm	240

■ Main Spindle Drive

Driving power	100% / S6-60% duty cycle	kW	64 / 77	78 / 87
Speed range		rpm	0...2400	0...1750
Torque	100% / S6-60% duty cycle	Nm	3700 / 4430	7230 / 8000
Speed range of C-Axis		rpm	0...50	0...50

■ Turning-Milling-Drilling Head

Driving power	100% / S6-60% duty cycle	kW	38 / 48	38 / 48	38 / 48
Speed range		rpm	0...3500	0...4500	0...5500
Torque	100% / S6-60% duty cycle	Nm	533 / 678	413 / 525	339 / 431
Tool system		size	HSK 100T Capto C8*	HSK 100T Capto C8*	HSK 100T Capto C8*
Max. coolant pressure (inner)		bar	80	80	80
Swivel range of B-Axis		°	-105...+95	-105...+95	-105...+95

■ Feed Rates

Rapid feed X, Y, Z	m/min	18 / 12 / 30
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■ Tool Magazine

Pockets	count	48 72 96 120 144
Max. tool length	mm	600 (900*)
Max. tool weight	kg	25

■ Tailstock

Quill centre	size	MK 6
Quill travel	mm	170
Quill diameter	mm	180
Clamping force	kN	5...30 8...40

* Option

// Technical changes reserved