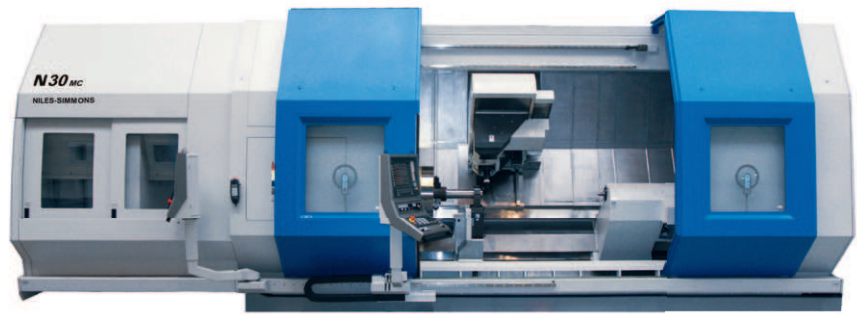


N30 MC



■ CNC-Control

Control system		SINUMERIK 840D sl		
Drive system		SINAMICS S120		

■ Working Area

Nominal length	mm	1500 2000 2500 3200		
Swing diameter	mm	780 880		
Slidetravel X-Axis	mm	-30...+725		
Slidetravel Y-Axis	mm	-200...+300 -250...+250		

■ Main Spindle / Counter Spindle*

Spindle head acc. to DIN 55026	size	A11 A15	A11 A15	A11
Spindle bore	mm	123	123	92
Diameter bearing	mm	200	200	180

■ Main Spindle Drive

Driving power 100% / S6-60% duty cycle	kW	68 / 77	67,4 / 80	64 / 78
Speed range	rpm	0...2000	0...3000	0...3000
Torque 100% / S6-60% duty cycle	Nm	1900 / 2110	2642 / 3135-815 / 967	779 / 932
Speed range of C-Axis	rpm	0...100	0...50	0...100

■ Turning-Milling-Drilling Head

Driving power 100% / S6-60% duty cycle	kW	34,5 / 37,7	22 / 25	18 / 22
Speed range	rpm	0...5000	0...6000	0...8000
Torque 100% / S6-60% duty cycle	Nm	265 / 395	173 / 275	145 / 190
Tool system	size	HSK100T Capto C8*	HSK 63T Capto C6*	HSK 63T Capto C6*
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 5
Quill travel	mm	160
Quill diameter	mm	150
Clamping force	kN	4...20

* Option

// Technical changes reserved