

N30



■ CNC Control

Control system	SINUMERIK 840D sl
Drive system	SINAMICS S120

■ Working Area

Nominal length	mm	1500 2000 2500 3200 4000 4500
Swing diameter	mm	780 880
Slidetravel X-Axis	mm	-25...+750
Slidetravel Y-Axis	mm	-200...+300 -250...-250

■ Main Spindle / Counter Spindle*

Spindle head acc. to DIN 55026	size	A11	A11 A15	A11
Spindle bore	mm	92	123	123
Diameter bearing	mm	180	200 220	200

■ Main Spindle Drive

Driving power S6-40% /S1-100% duty cycle	kW	78 / 64	80 / 67	77 / 68
Speed range	rpm	0...3000	0...3000 0...2000	0...2000
Torque S6-40% /S1-100% duty cycle	Nm	932 / 779	3135 / 2642	2110 / 1872
Speed range of C-Axis	rpm	0...100	0...50	0...100

■ Feed Rates

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

	2-Axes	4-Axes
Number of turrets	1	2
Tool acceptance acc. to DIN 69880	50 60	50 60
Tool arrangement	axial radial	axial radial
Tool positions	12 16*	12 / 12 16 / 16*

■ Tailstock

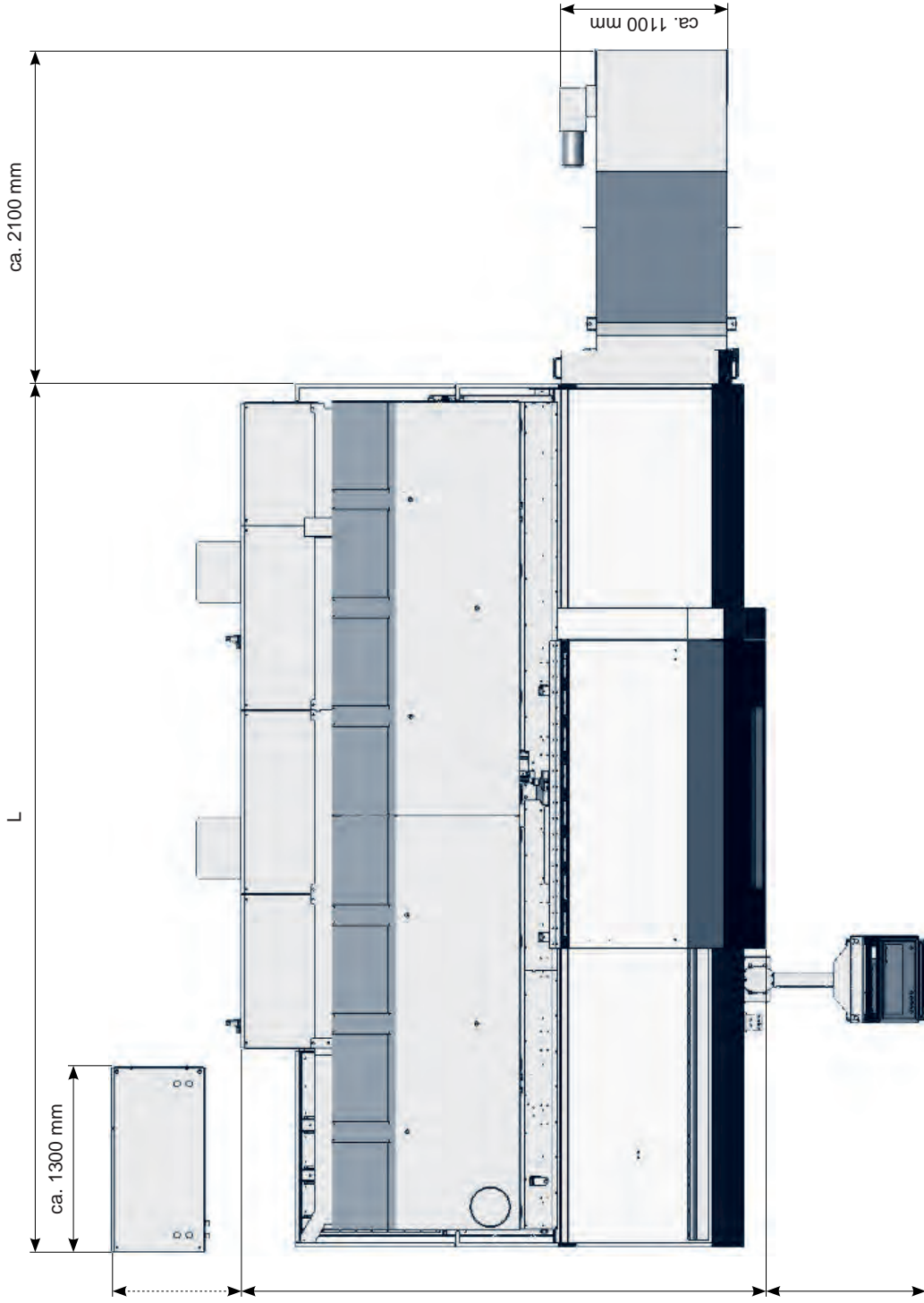
Quill centre	size	MK 5 MK 6	MK 5
Quill travel	mm	160 170	160
Quill diameter	mm	150 180	150
Clamping force	kN	4...20 5...30	4...20

* Option

// Technical changes reserved

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Top view



Nominal length	mm	2000	2500	3200	4000	4500
Machine length (L)	mm	6120	6620	7320	8120	8620
Machine weight	ton	29	33	37	40	43