

■ CNC Control

Control system	SINUMERIK 840D sl
Drive system	SINAMICS S120

■ Working Area

Nominal length	mm	1000 2500 3500 4500 6000 7500
Swing diameter	mm	1100
Slidetravel X-Axis	mm	-25...+1050
Slidetravel Y-Axis	mm	-350...+350

■ Main Spindle / Counter Spindle*

Spindle head acc. to DIN 55026	size	A15	B20
Spindle bore	mm	160	265
Diameter bearing	mm	280	360

■ Main Spindle Drive

Driving power S6-40% /S1-100% duty cycle	kW	- / 71,2	77 / 64	87 / 78	77 / 64
Speed range	rpm	0...1000	0...1800	0...1750	0...1300
Torque S6-40% /S1-100% duty cycle	Nm	3400 / 3400	4430 / 3700	8000 / 7230	6893 / 5765
Speed range of C-Axis	rpm	100	0...50	0...50	0...50

■ Feed Rates

Rapid feed X, Y, Z	m/min	24 / 15 / 30
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■ Tool Turrets

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

■ Tailstock

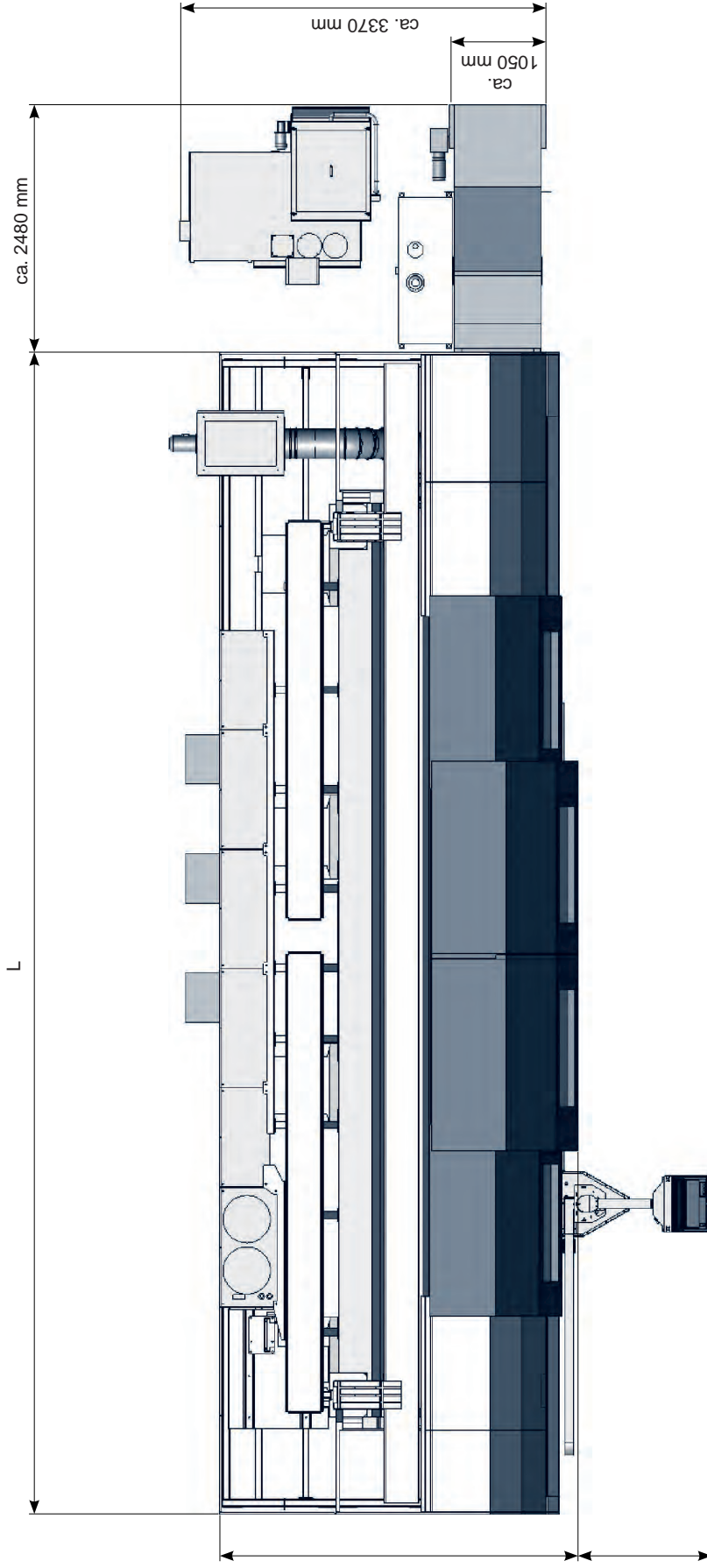
Quill centre	size	MK 6
Quill travel	mm	170
Quill diameter	mm	180
Clamping force	kN	5...30 8...40

* Option

// Technical changes reserved

N40

Top view



■ Nominal length

Machine length (L)

Machine weight