

#### ■ CNC Control

Control system	SINUMERIK 840D sl
Drive system	SINAMICS S120

#### ■ Working Area

Nominal length	mm	2000   3000   4500   6000   7500
Swing diameter	mm	1250
Slidetravel X-Axis	mm	-20...+1050
Slidetravel Y-Axis	mm	-400...+395   -375...295

#### ■ Main Spindle / Counter Spindle\*

Spindle head acc. to DIN 55026	size	A15	B20
Spindle bore	mm	160	225
Diameter bearing	mm	280	360

#### ■ Main Spindle Drive

Driving power S6-40% /S1-100% duty cycle	kW	77 / 64	87 / 78	115 / 100
Speed range	rpm	0...1400	0...1244	0...888
Torque S6-40% /S1-100% duty cycle	Nm	6900 / 5765	11020 / 9880	15000 / 13040
Speed range of C-Axis	rpm	0...50	0...50	0...50

#### ■ Feed Rates

Rapid feed X, Y, Z	m/min	12 / 12 / 24
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#### ■ Tool Turrets

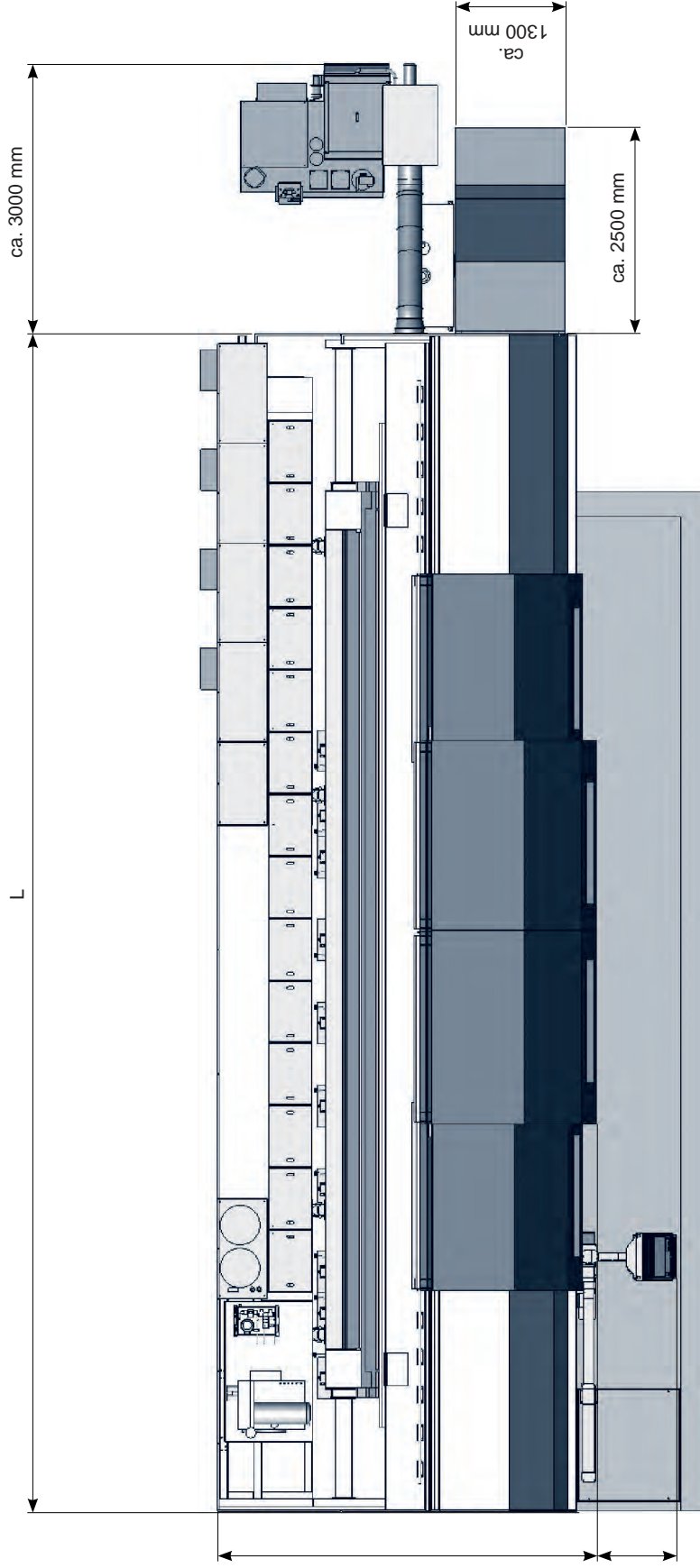
	2-Axes	4-Axes
Number of turrets	1	2
Tool acceptance acc. to DIN 69880	60	60
Tool arrangement	axial   radial	axial   radial
Tool positions	12	12 / 12

#### ■ Tailstock

Quill centre	size	MK 6   ME 80
Quill travel	mm	300
Quill diameter	mm	195   240
Clamping force	kN	5...35   8...55

\* Option

Top view



<b>Nominal length</b>	mm	2000	3000	4500	6000	7500
Machine length (L)	mm	8350	9350	10850	12350	13850
Machine weight	ton	44	49	55	62	69