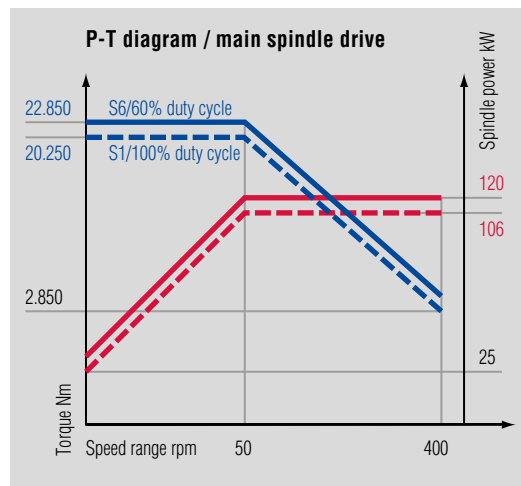
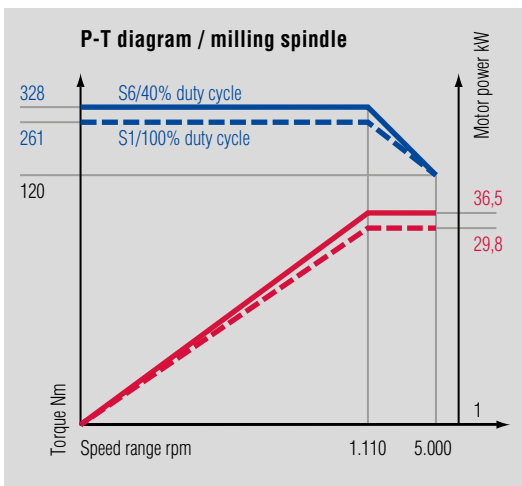
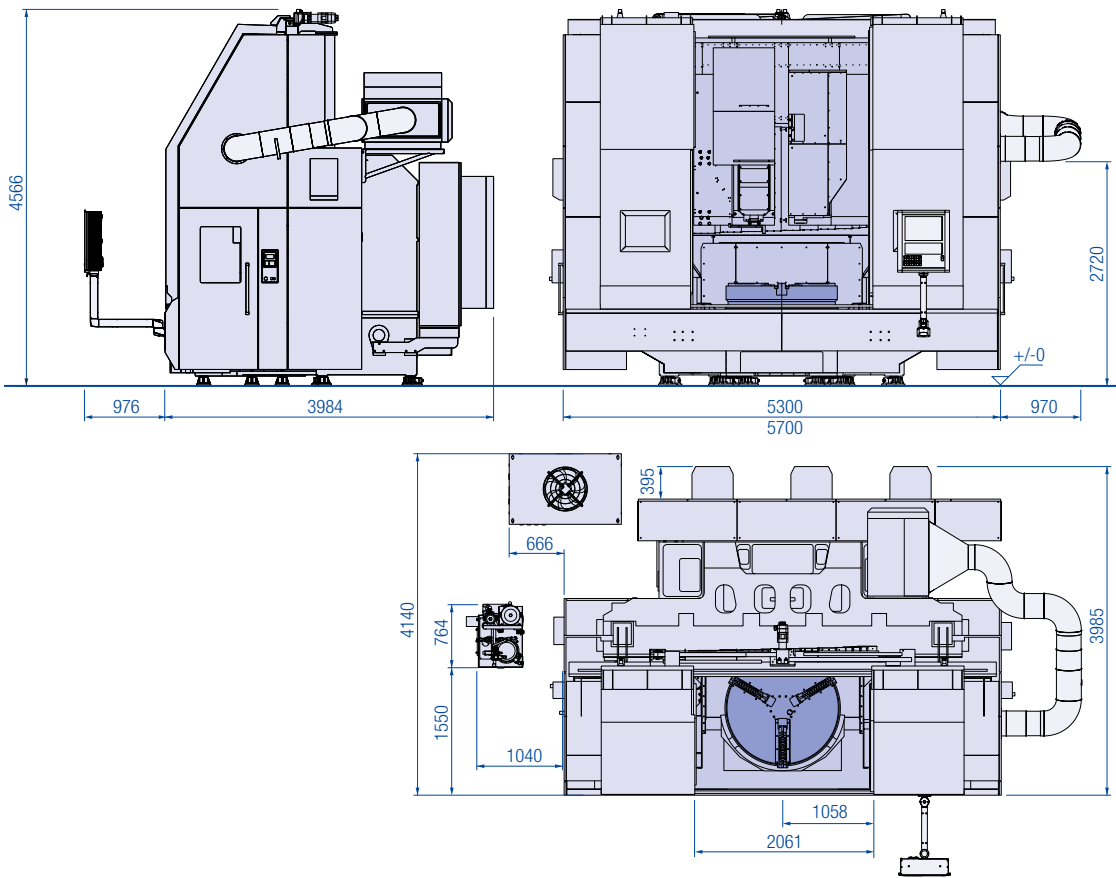




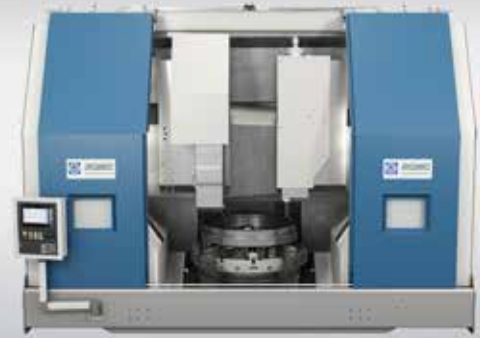
Your Benefits at a Glance

- Machine for complete machining
- Ultimate accuracy thanks to direct measuring systems in all linear and rotary axes
- Separate units for heavy and precision machining
- Universal use for small and medium sized batch production
- Multi-technology system for universal use besides wheelset machining





RQMC



	Technical specifications		RQMC
Working range	Swing	mm	1900
	Chuck diameter	mm	1350 / 1500 / 1600
	Clamping diameter min./max.	mm	520 ... 1250 / 1400 / 1500
	Clamping stroke	mm	82
	Max. clamping force of chuck	kN	475
	Max. work piece weight	kg	2000
Table drive	Drive power (60/100% duty cycle)	kW	120 / 106
	Total speed range	rpm	1 ... 400
	Max.torque (60/100% duty cycle)	kNm	22,9 / 20,9
LH and RH tool support	Travel range, vertical Z1, Z2 (Standard/Option)	mm	630 / 1000
	Travel range, horizontal X1 (Standard/Option)	mm	-170 ... 1125 / 1325
	Travel range, horizontal X2 (Standard/Option)	mm	-475 ... 1235 / 1435
	Rapid traverse	m/min	24
	Max. cutting force - LH	kN	10
	Max. cutting force - RH	kN	30
	Spindle speed milling spindle - LH	rpm	0 ... 5000
	Spindle torque (up to 1110 rpm, 40/100% duty cycle)	Nm	328 / 261
	Drive power	kW	30,5 / 29,8
	Swivel range B-Axis	degrees	+/- 105
	Measuring system		metric
	Linear encoder system		•
	Tool probing right/left		+/+
	Work piece measuring		+
	Internal /external coolant supply	bar; l/min	80; 18 / 15; 30
Automatic Tool Changer ATC	Number of tool pockets right/left II right/left (Option)		12 / 20 II 20 / 20
	Tool system left/right (HSK holding groove)		HSK 100 / C 10
	Tool changing time	sec	15 / 12
	Operating unit		SIMATIC KP 400
Control unit	SIEMENS		840 Dsl Operate
	Operating panel		15" TFT Touchscreen / MCP 483
	HT2 hand held unit (incl. hand wheel)		+
	SINUMERIK Integrate for Production		+
	Engraving- /work piece marking function		+
	ARTIS Tool Monitoring		+
	Energy saving mode		+
Accessories / Options	2000 l coolant tank with paper band filter		+
	Coolant mist extractor		+
	Intgrated chip conveyor		+
	Chip breaker		+

• Standard // + Option