

## AXILE

### MACHINE SPECIFICATIONS

MODEL		UNIT	G6
<b>STANDARD LINEAR AXES</b>	X axis	mm	650
	Y axis	mm	850
	Z axis	mm	500
<b>STANDARD ROTARY AXIS</b>	Table diameter	mm	Ø 600
	Table load	kg	600
	A axis driven system	Swivelling	Dual torque motors
	C axis driven system	Rotary	Torque motor
<b>STANDARD AXIS DRIVE</b>	Ballscrew pitch		12
	Maximum Feedrate	m/min	36
	Guideways	mm	45 – roller type
	Lubrication type		Grease
	Double driving system in Y axis	Gantry	STD
<b>STANDARD SPINDLE</b>	Driven system		Built in
	Maximum speed	rpm	20,000
	Power S1/S6 (40%)	kW	25/32
	Torque S1/S6 (40%)	Nm	86.8/111.8
	Interface		HSK-A63
	Bearing lubricant		Oil air
	Water chiller ±0.2 degree		STD
<b>STANDARD ATC</b>	Magazine capacity	Tools	80
	Smart tool load station		STD

All specifications are subject to change without prior notice.

See overleaf for standard value-added functions.

# G6 Specifications



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MODEL		UNIT	G6
STANDARD VALUE-ADDED FUNCTIONS	3xhydraulic+1xpneumatic port interface on A/C table		STD
	40um filter for hydraulic tank		STD
	Automatic roof for overhead crane loading		STD
	Air through spindle (wet/Dry rotary union) with solenoid to adjust air pressure		STD
	Linear scales for X/Y/Z axis		STD
	EMC + Safety module for CE regulations		STD
	LED signal lamp with 3 colours		STD
	Electrical parts preparation for BLUM laser tool setter		STD
	SMT function - TPC - Tool-tip Positioning Control		STD
	SMT function - SVS - Spindle Vibration Supervision		STD
	SMT function - AAC - Axial Accuracy Control		STD
	DCM function (Dynamic Collision Monitoring) <b>Only applicable with Heidenhain control.</b>		STD
	Levelling pad (height adjustable)		STD