

# DC12 Specifications



## AXILE

### MACHINE SPECIFICATIONS

MODEL		UNIT	DC12
<b>STANDARD LINEAR AXES</b>	X axis	mm	2200
	Y axis	mm	1400
	Z axis	mm	1000
<b>STANDARD ROTARY AXIS</b>	Built-in rotary table diameter	mm	Ø 1200
	Full machine table	mm	2200 x 1200
	Table load	kg	2500
	B axis driven system (spindle head)	Swivel +/- 110°	Torque motor
	C axis driven system (rotary table)	Rotary 360°	Torque motor
<b>STANDARD AXIS DRIVE</b>	Maximum Feedrate	m/min	36
	Lubrication type		Grease
<b>STANDARD SPINDLE</b>	Driven system		Built in
	Maximum speed	rpm	20,000
	Power S1/S6 (40%)	kW	60/73.1
	Torque S1/S6 (40%)	Nm	119.4/145.4
	Interface		HSK-A63
	Bearing lubricant		Oil air
	Water chiller ±0.2 degree		STD
<b>STANDARD ATC</b>	Magazine capacity STD	Tools	90
	Smart tool load station		STD

All specifications are subject to change without prior notice.

See overleaf for standard value-added functions.

# DC12 Specifications



## AXILE

MODEL		UNIT	DC12
<b>STANDARD VALUE-ADDED FUNCTIONS</b>	3xhydraulic+1xpneumatic port interface on C axis table		STD
	Air through spindle (wet/Dry rotary union) with solenoid to adjust air pressure		STD
	Linear scales for X/Y/Z axis		STD
	Preparation for oil mist collector (interface ready)		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

All specifications are subject to change without prior notice.

See overleaf for standard value-added functions.