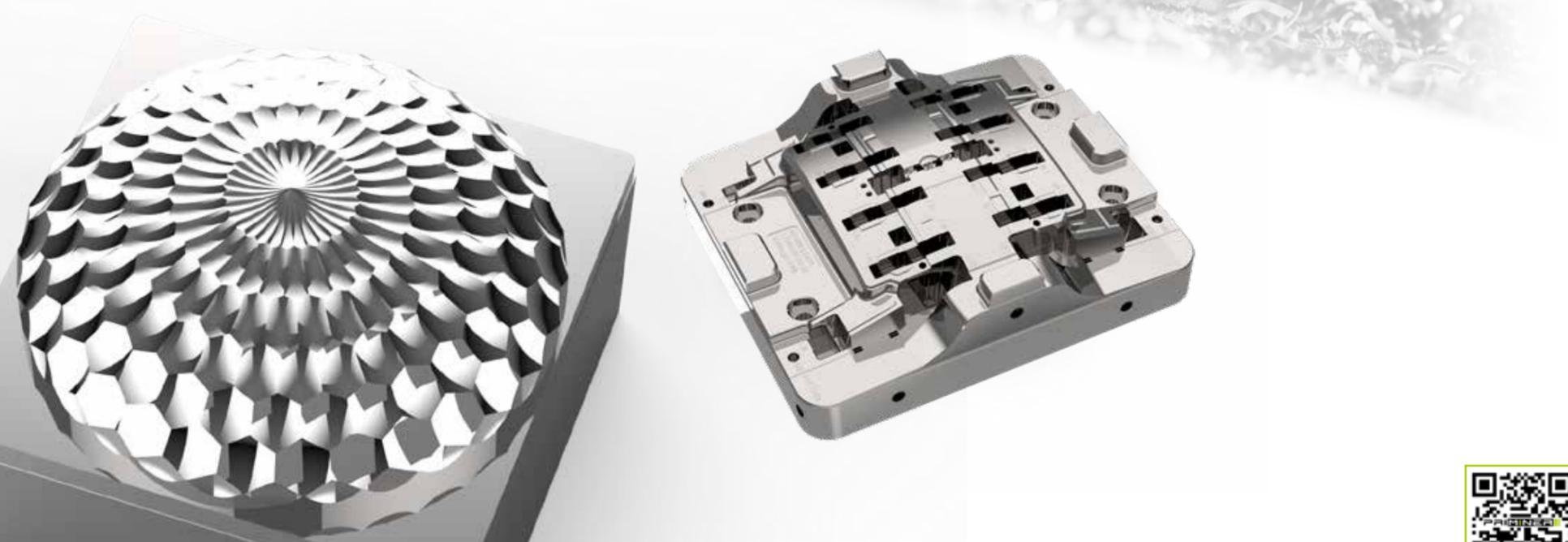


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3-axis Machines Overview



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3-axis Machines Specifications



Specifications	GT7		GT11	GT16		GT18
X/Y/Z-Travel	700 / 600 / 450 mm		1,150 / 700 / 520 mm	1,600 / 1,200 / 600 mm		1,800 / 1,400 / 800 mm
Table size	800 x 600 mm		1,200 x 700 mm	1,800 x 1,050 mm		1,800 x 1,400 mm
Max. Table load	600 kg		1,500 kg	3,000 kg		6,000 kg
Spindle taper	HSK A63	HSK E32	HSK A63	HSK A100	HSK A63	HSK A63
Spindle taper	20,000 rpm	40,000 rpm	20,000 rpm	10,000 rpm	20,000 rpm	20,000 rpm
Spindle motor power	20 / 24 kW	6.3 / 9.45 kW	30 / 36 kW	54 / 65 kW	30 / 36 kW	30 / 36 kW
Spindle motor torque	48 / 58 Nm	2 / 3 Nm	72 / 86 Nm	300 / 360 Nm	72 / 86 Nm	100 / 120 Nm
CNC Control	Siemens / Heidenhain					

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UHP900



UHP1100



UHP1300

Specifications	UHP900		UHP1100		UHP1300	
X/Y/Z-Travel	900 / 600 / 600 mm		1,100 / 650 / 600 mm		1,300 / 650 / 600 mm	
Table size	1,060 x 600 mm		1,300 x 600 mm		1,500 x 650 mm	
Max. Table load	800 kg		1,000 kg		1,200 kg	
Spindle taper	BBT40/SK40/CAT40	BBT40/SK40/CAT40	BBT40/SK40/CAT40	BBT40/SK40/CAT40	BBT40/SK40/CAT40	BBT40/SK40/CAT40
Spindle speed	12,000 rpm	12,000 rpm	12,000 rpm	15,000 rpm	12,000 rpm	15,000 rpm
Spindle motor power	11 / 18.5 kW	9 / 22 kW	15 / 30 kW	20 / 53 kW	15 / 30 kW	20 / 53 kW
Spindle motor torque	52.5 / 118 Nm	63 / 135 Nm	95.5 / 191 Nm	126 / 250 Nm	95.5 / 191 Nm	126 / 250 Nm
CNC Control	Fanuc	Siemens Heidenhain	Fanuc	Siemens Heidenhain	Fanuc	Siemens Heidenhain

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V7L



V11L



V13L



V15L



V18

Specifications	V7L		V11L		V13L		V15L		V18	
X/Y/Z-Travel	760 / 450 / 520 mm		1,100 / 600 / 600 mm		1,300 / 650 / 600 mm		1,500 / 760 / 700 mm		1,800 / 900 / 800 mm	
Table size	900 x 420 mm		1,200 x 600 mm		1,500 x 650 mm		1,700 x 700 mm		2,000 x 900 mm	
Max. Table load	500 kg		1,000 kg		1,200 kg		1,500 kg		1,600 kg	
Spindle taper	SK40 / BT40 / CAT40		SK40 / BT40 / CAT40		SK40 / BT40 / CAT40		SK40 / BT40 / CAT40		BT50 / SK50	
Spindle speed	10,000 rpm		10,000 rpm		10,000 rpm		10,000 rpm		6,000 rpm	
Spindle motor power	7.5 / 15 kW	9 / 22 kW	11 / 18.5 kW	9 / 22 kW	11 / 18.5 kW	20 / 53 kW	11 / 18.5 kW	20 / 53 kW	15 / 20.3 kW	17 / 42 kW
Spindle motor torque	35.8 / 95.5 Nm	63 / 135 Nm	52.5 / 118 Nm	63 / 135 Nm	52.5 / 118 Nm	126 / 250 Nm	52.5 / 118 Nm	126 / 250 Nm	143 / 259 Nm	183 / 400 Nm
CNC Control	Fanuc	Siemens	Fanuc	Siemens Heidenhain	Fanuc	Siemens Heidenhain	Fanuc	Siemens Heidenhain	Fanuc	Siemens

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ShopMate V5



T7



V7L Lite



V10L

Specifications	ShopMate V5		T7		V7 Lite Delta Center		V10L Delta Center	
X/Y/Z-Travel	500 / 300 / 400 mm		700 / 450 / 300 mm		760 / 450 / 520 mm		1,020 / 530 / 560 mm	
Table size	650 x 300 mm		800 x 420 mm		900 x 420 mm		1,100 x 500 mm	
Max. Table load	200 kg		250 kg		500 kg		600 kg	
Spindle taper	BT40 / SK40 / CAT40		BBT30		SK40 / BT40 / CAT40		SK40 / BT40 / CAT40	
Spindle taper	10,000 rpm		12,000 rpm		10,000 rpm		10,000 rpm	
Spindle motor power	3.7 / 13 kW	4.8 / 21 kW	3.7 / 13 kW	4.8 / 21 kW	3.7 / 13 kW	7.5 / 15 kW	7.5 / 15 kW	7.5 / 15 kW
Spindle motor torque	23.6 / 82.8 Nm	21 / 45 Nm	23.6 / 82.8 Nm	21 / 45 Nm	23.6 / 82.8 Nm	36 / 72 Nm	35.8 / 95.5 Nm	36 / 72 Nm
CNC Control	Fanuc	Siemens	Fanuc	Siemens	Fanuc	Siemens	Fanuc	Siemens

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V1613HS



V2516



V3320/4020



V4028

Specifications	V1613HS	V2516	V3320	V4020	V4028
X/Y/Z-Travel	1,600 / 1,300 / 600 mm	2,500 / 1,600 / 800 mm	3,300 / 2,700 / 1,000 mm	4,200 / 2,700 / 1,000 mm	4,200 / 3,300 / 1,200 mm
Table size	1,700 x 1,200 mm	2,500 x 1,400 mm	3,300 x 1,700 mm	4,000 x 1,900 mm	4,000 x 2,400 mm
Max. Table load	3,000 kg	7,000 kg	10,000 kg	12,000 kg	15,000 kg
Spindle Taper	HSK A63	BT50 / SK50	BT50 / SK50	BT50 / SK50	BT50 / SK50
Spindle speed	18,000 rpm	6,000 rpm	6,000 rpm	6,000 rpm	6,000 rpm
Spindle motor power	30 / 36 kW	15 / 20.3 kW	17 / 42 kW	22 / 45 kW	22 / 60 kW
Spindle motor torque	85 / 102 Nm	143 / 259 Nm	183 / 400 Nm	140 / 286 Nm	172 / 380 Nm
CNC- Control	Siemens / Heidenhain	Fanuc	Siemens Heidenhain	Fanuc	Siemens Heidenhain