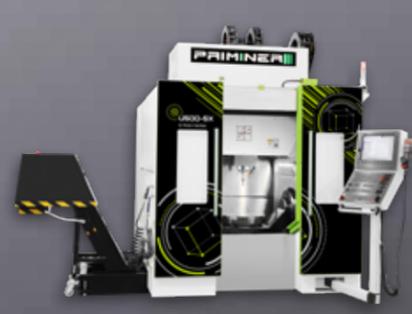


5X

5-axis Machines Specifications



C-SERIES

U-SERIES

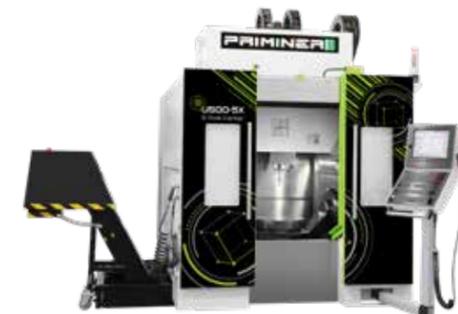


GT-5X-SERIES



PT-FLEX-SERIES

STELLARIS



C500-5X • C800-5X

U500-5X

U630-5X

U800-5X

Specifications	C500-5X		C800-5X	U500-5X	U630-5X	U630T-5X	U800-5X		U800T-5X
X/Y/Z-Travel	700 / 550 / 500 mm		900 / 850 / 600 mm	700 / 650 / 450 mm	850 / 875 / 550 mm		1,000 / 1,100 / 600 mm		
A/C-Travel	+30 ° ~ -120 ° / ± 360 °		± 120 ° / ± 360 °	+30 ° ~ -110 ° / ± 360 °	+30 ° ~ -110 ° / ± 360 °		+30 ° ~ -110 ° / ± 360 °		
Table size	Ø 500 x 400 mm		Ø 800 x 700 mm	Ø 500 mm	Ø 630 x 560 mm	Ø 630 mm	Ø 800 x 700 mm		Ø 800 mm
Max. Table load	300 kg		800 kg	500 kg	800 kg	500 kg	1,200 kg		800 kg
Max. Workpiece diameter	Ø 700 x 500 mm		Ø 900 x H 500 mm	Ø 700 x H 400 mm	Ø 850 x 550 mm		Ø 1,000 x 700 mm		
Spindle taper	BBT40/SK40/CAT40	HSK A63	HSK A63	HSK A63	HSK A63	HSK T63	HSK A100	HSK A63	HSK T63
Spindle speed	12,000 rpm	15,000 rpm	16,000 rpm	20,000 rpm	16,000 rpm	15,000 rpm	10,000 rpm	16,000 rpm	15,000 rpm
Spindle motor power	11 / 18,5 kW	8,5 / 33,5 kW	30 / 36 kW	20 / 24 kW	30 / 36 kW		54 / 65 kW	30 / 36 kW	30 / 36 kW
Spindle motor torque	52.5 / 118 Nm	63 / 135 Nm	100 / 120 Nm	48 / 58 Nm	100 / 120 Nm		300 / 360 Nm	100 / 120 Nm	100 / 120 Nm
CNC Control	Fanuc						Siemens / Heidenhain		

The above specifications are subject to change without prior notice

5X



GT18-5X



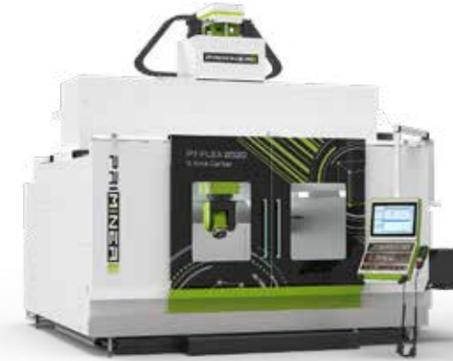
GT320-5X | GT420-5X



GT428-5X | GT428-5XG

Specifications	GT18-5X	GT320-5X		GT420-5X		GT428-5X		GT428-5XG
X/Y/Z-Travel	1,900 / 1,400 / 800 mm	3,300 / 2,700 / 1,000 mm		4,200 / 2,700 / 1,000 mm		4,200 / 3,300 / 1,200 mm		4,200 / 3,300 / 1,200 mm
A(B)/C-Travel	±108 ° / ± 360 °	±108 ° / ± 360 °	±115 ° / ± 360 °	±108 ° / ± 360 °	±115 ° / ± 360 °	±110 ° / ± 360 °	±115 ° / ± 360 °	±108 ° / ± 180 °
Table size	1,800 x 1,400 mm	3,300 x 1,700 mm		4,000 x 1,900 mm		4,000 x 2,400 mm		4,000 x 2,400 mm
Max. Table load	6,000 kg	10,000 kg		12,000 kg		15,000 kg		15,000 kg
Spindle taper	HSK A63	HSK A63	HSK A100	HSK A63	HSK A100	HSK A100	HSK A100	BT50
Spindle speed	24,000 rpm	24,000 rpm	15,000 rpm	24,000 rpm	15,000 rpm	12,000 rpm	15,000 rpm	4,000 rpm
Spindle motor power	30 / 35 kW	30 / 35 kW	40 / 50 kW	30 / 35 kW	40 / 50 kW	40 / 47 kW	40 / 50 kW	30 / 63 kW
Spindle motor torque	72 / 85 Nm	72 / 85 Nm	103 / 129 Nm	72 / 85 Nm	103 / 129 Nm	248 / 293 Nm	103 / 129 Nm	840 / 1760 Nm
CNC Control	Siemens / Heidenhain							

5X



PT-Flex 2520



PT-Flex 2540



Stellaris P18X

Specifications	PT-Flex 2520		PT-Flex 2540		Stellaris P18X
X/Y/Z-Travel	2,000 / 2,500 / 1,000 mm (Option 1,200 mm)		4,000 / 2,500 / 1,000 mm (Option 1,200 mm)		3,300(2,530) / 1,800 / 1,200 mm
A/C-Travel	±108 ° / ± 360 °		±115 ° / ± 360 °		±115 ° / ± 360 °
Table size	2,500 x 2,000 mm		2,500 x 4,000 mm		-
Max. Table load	6,000 Kg/m ²		6,000 Kg/m ²		-
Spindle taper	HSK A63	HSK A100	HSK A63	HSK A100	HSK A63
Spindle speed	24,000 rpm	15,000 rpm	24,000 rpm	15,000 rpm	20,000 rpm
Spindle motor power	30 / 35 kW	40 / 50 kW	30 / 35 kW	40 / 50 kW	20 / 25 kW
Spindle motor torque	72 / 85 Nm	103 / 129 Nm	72 / 85 Nm	103 / 129 Nm	35 / 42 Nm
CNC Control	Siemens / Heidenhain				Siemens