



Company	SyIL	SyIL	SyIL	Smithy	Littlemachineshop	Harbor freight	Tormach	Novakon	Company
<b>Model</b>	2010 x4 standard	2010 x4 Plus	2010 x4 Speedmaster	kx3	kx3	kx3	p-770	nm135	<b>Model</b>
Price(USD)	4660\$	5799\$	4999\$	6940\$	5495\$	4995\$	6200\$	5495\$	Price(USD)
Table Size	21.65" x 6.3"	21.65" x 6.3"	21.65" x 6.3"	21.65" x 6.3"	21.65" x 6.3"	21.65" x 6.3"	26" x 8"	21.65" x 6.3"	Table Size
Travel(X,Y,Z)	13.31" x 6.23" x 10.4"	13.31" x 6.23" x 10.4"	13.31" x 6.23" x 10.4"	11" x 6.3" x 10"	11.2" x 4.7" x 10.6"	11.2" x 4.7" x 10.6"	13" x 7.5" x 13.25"	13.75" x 6.5" x 11"	Travel(X,Y,Z)
Slot Size	3 T-Slots .47"	3 T-Slots .47"	3 T-Slots .47"	3 T-Slots	3 T-Slots	3 T-Slots	3 T-Slots	3 T-Slots	Slot Size
Spindle Power	1.48HP/1.1KW	1.48HP/1.1KW	0.89HP/0.75KW	1.3HP	1.3HP	1.3HP	1.5HP	1.5HP	Spindle Power
Spindle Speed	200-5000RPM	200-5000RPM	8000-24000RPM	200-5000RPM	200-5000RPM	200-5000RPM	170-10000RPM	500-6000RPM	Spindle Speed
Spindle Type	R8/MT3/SK30	R8/MT3/SK30	N/A	R8	R8	R8	R8	R8	Spindle Type
Spindle Feedback To Mach3	Yes	Yes	Yes	No	No	No	No	No	Spindle Feedback To Mach3
4th Axis Ready	Intergrated	Intergrated	Intergrated	Not Available	Not Available	Not Available	Not Available	Optional	4th Axis Ready
5th Axis Ready	Intergrated	Intergrated	Intergrated	Not Available	Not Available	Not Available	Not Available	Optional	5th Axis Ready
Stepper Motor Driver	SyIL Proprietary	SyIL Proprietary	SyIL Proprietary	Info Not Available	Info Not Available	Info Not Available	Info Not Available	Gecko	Stepper Motor Driver
Changeable Microstepping	Yes	Yes	Yes	Not Available	Not Available	Not Available	Yes	Yes	Changeable Microstepping
X Stepper Motor	NM23/156IN-OZ/2.0N.M	NM23/156IN-OZ/2.0N.M	NM23/156IN-OZ/2.0N.M	NM34	NM34	NM34	Info Not Available	NM34	X Stepper Motor
Y Stepper Motor	NM23/156IN-OZ/2.0N.M	NM23/156IN-OZ/2.0N.M	NM23/156IN-OZ/2.0N.M	NM34	NM34	NM34	Info Not Available	NM34	Y Stepper Motor
Z Stepper Motor	NM34/324IN-OZ/4.5N.M	NM34/324IN-OZ/4.5N.M	NM34/324IN-OZ/4.5N.M	NM34	NM34	NM34	Info Not Available	NM34	Z Stepper Motor
Rapid Travel	165 IPM	165 IPM	165 IPM	Not Available	79 IPM	Not Available	130 IPM	100 IPM	Rapid Travel
Manual Spindle Control	Yes	Yes	Yes	Not Available	Not Available	Not Available	Not Available	Not Available	Manual Spindle Control
RPM Display	Yes	Yes	Yes	Not Available	Not Available	Not Available	Not Available	Not Available	RPM Display
Digital Interface For Manual	Available	Yes	Available	Not Available	Not Available	Not Available	Not Available	Not Available	Digital Interface For Manual
Positional Accuracy	0.0004"	0.0004"	0.0004"	0.0004"	0.0004"	0.0004"	0.0004"	0.0004"	Positional Accuracy
Automatic Lubrication System	Included	Included	Included	Not Available	Not Available	Not Available	Optional	Not Available	Automatic Lubrication System
Machine Weight	550lbs	550lbs	550lbs	375lbs	443lbs	443lbs	662lbs	375lbs	Machine Weight
Dimensions(W*D*H)	39.3" x 34.6" x 40.5"	39.3" x 34.6" x 40.5"	39.3" x 34.6" x 40.5"	30.7" x 31.49" x 36.6"	33.8" x 34.4" x 34"	33.8" x 34.4" x 34"	35" x 35.34" x 47"	30.7" x 31.49" x 36.6"	Dimensions(W*D*H)
Ballscrews	Double nut p5 class	Double nut p5 class	Double nut p5 class	Not Listed	Not Listed	Not Listed	p4 class	Not Listed	Ballscrews
Voltage	110v/220v/240v	110v/220v/240v	110v/220v/240v	110v	110v	110v	115v	110v/220v	Voltage
Warranty	1 Year	1 Year	1 Year	1 Year	1 Year	1 Year	6 Months	1 Year	Warranty
Extended Warranty	Available	Available	Available	Not Available	Not Available	Not Available	Available	Not Available	Extended Warranty
Service Support	Phone/Email/SMS/24hrs	Phone/Email/SMS/24hrs	Phone/Email/SMS/24hrs	Not Listed	Not Listed	Not Listed	Phone/Email	Phone/Email	Service Support
CE/CCC/GS Certification	Yes	Yes	Yes	No	No	No	Yes	No	CE/CCC/GS Certification
Global Dealers	46	46	46	1	1	1	1	1	Global Dealers
Engineer Propriety Componets	Yes	Yes	Yes	No	No	No	Yes	No	Engineer Propriety Componets
Traning Available	Yes	Yes	Yes	No	No	No	Yes	No	Traning Available
Manufacture By	SyIL	SyIL	SyIL	Sieg	Sieg	Sieg	Tormach	Howmau	Manufacture By
<b>Available Options</b>									<b>Available Options</b>
SyIL Pneumatic Draw Bar System®	1200\$	1200\$	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	SyIL Pneumatic Draw Bar System®
Automatic Tool Changer	2000\$	2000\$	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Automatic Tool Changer
56000Rpm Air Spindle	1000\$ with linear Z	1000\$ with linear Z	1000\$ with linear Z	Not Available	Not Available	Not Available	Not Available	Not Available	56000Rpm Air Spindle
Coolant System	290\$	290\$	290\$	199\$	Not Available	Not Available	Not listed	279\$	Coolant System
Full Encloser	1300\$	1300\$	1300\$	Not Available	Not Available	Not Available	Not Available	Not Available	Full Encloser
Computer arm	Included	Included	Included	Not Available	Not Available	Not Available	295\$	Not Available	Computer arm
MPG Axis Control	Available	Included	Available	Not Available	Not Available	Not Available	Not Available	199\$	MPG Axis Control
Linear Guideway Hiwin®	Available	Available	Available	Not Available	Not Available	Not Available	Not Available	Not Available	Linear Guideway Hiwin®
Stands And Coolant Tray	399\$	399\$	Included	295\$	295\$	295\$	1077\$	Included	Stands And Coolant Tray
4th Axis Package	799\$	799\$	799\$	Not Available	Not Available	Not Available	Not Available	999\$	4th Axis Package
Mach3 Software	Not Included	Not Included	Not Included	Not Included	Not Included	170\$	150\$	Included	Mach3 Software
Servo 3 Axis Package	Optional	Optional	Optional	Not Available	Not Available	Not Available	Not Available	Not Available	Servo 3 Axis Package
Siemens 802c System	Optional	Optional	Optional	Not Available	Not Available	Not Available	Not Available	Not Available	Siemens 802c System
<b>Model</b>	x4 standard	2010 x4 Plus	2010 x4 Speedmaster	kx3	kx3	kx3	p-770	nm135	<b>Model</b>