



Company	SyIL	SyIL	Smithy	Tormach	Novakon	Company
Model	2010 x7 Standard Linear	2010 x7 Plus Linear	1240	p-1100	nm200	Model
Price(USD)	11500\$	12700\$	9999\$	7480\$	8995\$	Price(USD)
Table Size	31.4" x 9.84"	31.4" x 9.84"	40" x 12"	34" x 9.5"	40" x 12"	Table Size
Travel(X,Y,Z)	15.7" x 9.45" x 15.7"	15.7" x 9.45" x 15.7"	22" x 11" x 11.5"	18" x 9.5" x 16.25"	24" x 15" x 11.5"	Travel(X,Y,Z)
Slot Size	3 T-Slots .47"	3 T-Slots .47"	3 T-Slots .62"		3 T-Slots .62"	Slot Size
Spindle Power	2.95HP/2.2KW	2.95HP/2.2KW	1.3HP	1.5HP	2.0HP	Spindle Power
Spindle Speed	200-6000RPM	200-6000RPM	100-4000RPM	100-5100RPM	500-4000RPM	Spindle Speed
Spindle Type	R8/MT3/NT30	R8/MT3/NT30	R8	R8	R8	Spindle Type
Spindle Feedback To Mach3	Yes	Yes	No	No	No	Spindle Feedback To Mach3
4th Axis Ready	Intergrated	Intergrated	Not Available	Not Available	Optional	4th Axis Ready
5th Axis Ready	Intergrated	Intergrated	Not Available	Not Available	Optional	5th Axis Ready
Stepper Motor Driver	SyIL Proprietary	SyIL Proprietary	Info Not Available	Info Not Available	Gecko	Stepper Motor Driver
Changeable Microstepping	Yes	Yes	Not Available	Yes	Yes	Changeable Microstepping
X Stepper Motor	NM42/576IN-OZ/8.0N.M	NM42/576IN-OZ/8.0N.M	NM42	NM34	NM42	X Stepper Motor
Y Stepper Motor	NM42/576IN-OZ/8.0N.M	NM42/576IN-OZ/8.0N.M	NM42	NM34	NM42	Y Stepper Motor
Z Stepper Motor	NM42/864IN-OZ/12.0N.M	NM42/864IN-OZ/12.0N.M	NM42	NM34	NM42	Z Stepper Motor
Rapid Travel	200 IPM	200 IPM	Not Available	130 IPM	100 IPM	Rapid Travel
Manual Spindle Control	Yes	Yes	Not Available	Not Available	Not Available	Manual Spindle Control
RPM Display	Yes	Yes	Not Available	Not Available	Not Available	RPM Display
Digital Interface For Manual	Available	Yes	Not Available	Not Available	Not Available	Digital Interface For Manual
Positional Accuracy	0.00019"	0.00019"	0.0005"	0.0006"	0.0005"	Positional Accuracy
Automatic Lubrication System	Included	Included	Not Available	Optional	Not Available	Automatic Lubrication System
Machine Weight	1980lbs	1980lbs	1175lbs	1130lbs	1175lbs	Machine Weight
Dimensions(W*D*H)	55.1" x 51.1" x 82.6"	55.1" x 51.1" x 82.6"	33.33" x 52.75" x 52.33"	46" x 42.5" x 57.25"	33.33" x 52.75" x 52.33"	Dimensions(W*D*H)
Ballscrews	Double nut p5 class	Double nut p5 class	Not Listed	p4 class	Not Listed	Ballscrews
Voltage	110v/220v/240v	110v/220v/240v	110v	115v	110v/220v	Voltage
Warranty	1 Year	1 Year	1 Year	6 Months	1 Year	Warranty
Extended Warranty	Available	Available	Not Available	Available	Not Available	Extended Warranty
Service Support	Phone/Email/SMS/24hrs	Phone/Email/SMS/24hrs	Not Listed	Phone/Email	Phone/Email	Service Support
CE/CCC/GS Certification	Yes	Yes	No	Yes	No	CE/CCC/GS Certification
Global Dealers	46	46	1	1	1	Global Dealers
Engineer Propriety Componets	Yes	Yes	No	Yes	No	Engineer Propriety Componets
Traning Available	Yes	Yes	No	Yes	No	Traning Available
Manufacture By	SyIL	SyIL	China	Tormach	Howmau	Manufacture By
Available Options						Available Options
SyIL Pneumatic Draw Bar System®	1200\$	1200\$	Not Available	Not Available	Not Available	SyIL Pneumatic Draw Bar System®
Automatic Tool Changer	3200\$ 10pcs Tool	3200\$ 10pcs Tool	Not Available	Not Available	Not Available	Automatic Tool Changer
56000Rpm Air Spindle	1000\$ with linear Z	1000\$ with linear Z	Not Available	Not Available	Not Available	56000Rpm Air Spindle
Coolant System	Included	Included	959\$	Not listed	499\$	Coolant System
Full Encloser	Available	Available	Not Available	Not Available	Not Available	Full Encloser
Computer arm	Included	Included	Not Available	295\$	Not Available	Computer arm
MPG Axis Control	Available	Included	Not Available	Not Available	199\$	MPG Axis Control
Linear Guideway Hiwin®	Included	Included	Included Z Axis	Not Available	Included Z Axis	Linear Guideway Hiwin®
Stands And Coolant Tray	Included	Included	529\$	918\$	Included	Stands And Coolant Tray
4th Axis Package	1100\$ 8"Size	1100\$ 8"Size	1099\$ 6" Size	1315\$ 8"Size	1299\$ 8" Size	4th Axis Package
Mach3 Software	Not Included	Not Included	Not Included	150\$	Included	Mach3 Software
Servo 3 Axis Package	2200\$	2200\$	Not Available	Not Available	Not Available	Servo 3 Axis Package
Siemens 802c System	2800\$	2800\$	Not Available	Not Available	Not Available	Siemens 802c System
Model	x7 Standard Linear	x7 Plus	1240	p-1100	nm200	Model