

Specifications	FLS	FLS16	FLS20	FLS24	FLS31	FLS-H	FLS24-H	FLS31-H
Main Dimensions								
Distance Between Centers		29.5" 39.3"	29.5" - 39.3" - 59.0" - 78.7	59.0" / 118.1"	59.0" / 118.1"		29", 59", 118"	29", 59", 118"
Max. Swing Over Bed		16.1"	19.6"	24.8"	31.4"		24.8"	31.4"
Max. Swing Over Cross Slide		8.6"	11.4"	13.7"	20.4"		13.7"	20.4"
Bed Width		11.8"	15.3"	23.6"	23.6"		23.6"	23.6"
Spindle Nose & Bore		A2 - 6 / 2.4"	A2 - 8 3.22"	A2-11 / 4.0"A2-11 / 5.1"	A2-11 / 4.0"A2-11 / 5.1"		D11 / 1:20	D11 / 1:20
Spindle Speed RPM		35 - 2500 RPM	35 - 190 120 - 63 480 - 2500	22-108, 60-300, 240-1200	22-108, 60-300, 240-1200		17-100, 38-222, 76-445, 180-1000rpm	17-100, 38-222, 76-445, 180-1000rpm
Max. Travel X/Z Axis		9.25" / 26.3" 9.25" / 36.2"	9.84" / 26.3" 9.84" / 36.2" 9.84" / 55.9" 9.84" / 75.6"	16.5" / 53.1", 112.2"	16.5" / 53.1", 112.2"		16.5" / 23.6, 16.5 / 53.1", 16.5" / 112.2"	16.5" / 23.6, 16.5 / 53.1", 16.5" / 112.2"
Rapid Traverse X/Z Axis		236 / 314 IPM	Z 314 IPM	157 / 314ipm	157 / 314ipm		236 / 314 ipm	236 / 314 ipm
Positioning Accuracy X/Z Axis		.0009" / .0012"	.0009" / .0012" .0009" / .0014" .0009" / .0015"	.0011" / .0015"	.0011" / .0015"			
Repeatability X / Z Axis		.0004" / .0005"	.0004" / .0005" .0004 / .0006" .0004" / .0007"	.0004" / .0007", .0009"	.0004" / .0007", .0009"			
Tailstock Quill Diameter		2.5"	2.9"	3.9"	3.9"		3.93"	3.93"
Tailstock Quill Max Travel		5.0"	5.9"	9.8"	9.8"		9.84	9.84
Main Motor Power		5.5kw / 7.3HP	7.5kw / 10hp	11kw / 14.7hp	15kw / 20hp		11kw / 14.7hp	15kw / 20hp
CNC System Optional		Fanuc, Fagor, Siemens	Fanuc, Fagor, Siemens	Fanuc, Fagor, Siemens	Fanuc, Fagor, Siemens		Fanuc Oi - Mate - TD	Fanuc Oi - Mate - TD
Machine Weight		4,412lbs - 5,294lbs	5,515lbs - 5,957lbs - 6,618lbs - 7,721lbs	12,133lbs 15,442lbs	12,323lbs 15,662lbs		10,037lbs	16,545lbs
Package Dimensions		89" x 63.0" x 80.0" 105.5" x 63.0" x 80.0"	106" x 83" x 86" 126" x 83" x 86" 146" x 83" x 86" 165" x 83" x 86"	169" x 80" x 73" 224" x 80" x 73"	169" x 80" x 73" 224" x 80" x 73"		121" x 81.0" x 75.0"	209.8" x 81.0" x 75.0"