



Zigzag Stitch Sewing Machine Comparison Chart

For a comparison of our straight stitch machines, refer to the Straight Stitch Sewing Machine Comparison Chart (300086XHT) for specifications on Sailrite Ultrafeed® LS-1 and Sailrite Fabricator Sewing Machines.

SEWING MACHINE	ULTRAFEED® LSZ-1					PROFESSIONAL	
MODEL	LSZ-1 BASIC #300601	LSZ-1 PLUS #300602	LSZ-1 PREMIUM #300603	LSZ-1 (EU) PLUS #220600	LSZ-1 (EU) PREMIUM #220603	STANDARD ARM #500500	LONG ARM #500600
SHUTTLE	Oscillating (Cam/Rocker Arm Driven)					Full Rotary, Gear Driven	
POWER	1/10th hp, 110 volt, AC motor, 1.5 amp			1/10th hp, 220-240 volt, AC motor 50/60 Hz, 0.7 amp		550-Watt, 3/4 Horsepower 110V Workhorse Servo Motor	
MAX. SEWING SPEED (STITCHES PER MINUTE)	500 spm			500 spm		123 spm - 1,108 spm (Variable)	
MAX. STRAIGHT STITCH LENGTH	6mm					5mm	
MAX. ZIGZAG STITCH WIDTH	5mm					4-point: 10mm, 2-point: 8mm	
NEEDLE BAR STROKE	34mm					33mm	
BED SIZE	14.5" x 7"					18.75" x 7"	28.75" x 7"
UNDERARM SPACE	7" x 4.5"					10.75" x 4"	20.5" x 4"
PRESSER FOOT LIFT	3/8"					Hand 8mm (5/16"), Pedal 11mm (7/16")	
FEED TYPE	Walking Foot					Walking Foot	
FOOT CONTROL	Deluxe Electronic					Treadle	
LIGHT	N/A	Flex20 LED Light	Flex20 LED Light	Flex20 LED Light	Flex20 LED Light	Flex20 LED Light	
THREAD STAND	Stand Alone	Integrated	Integrated	Integrated	Integrated	Deluxe Industrial	
BOBBIN SIZE	Class 15 / Style A (20.5 mm Dia. x 10.8 mm H)					Large Style M (Dia: 25.7mm, H:10.4mm)	
NEEDLE SYSTEM	135 x 17 or 135 x 16					UY 128 GAS	
NEEDLE SIZE RANGE	#10 - #22					#10 - #22	
THREAD RANGE	Home Sizes to V-92					V-30 to V-138	
REVERSE	✓	✓	✓	✓	✓	✓	✓
LUBRICATION	Manual					Manual	
BUILT-IN FOOT LIFT	N/A	N/A	N/A	N/A	N/A	✓	✓
PORTABLE	✓	✓	✓	✓	✓		
CARRYING WEIGHT	49 lb.	55 lb.	62 lb.	55 lb.	62 lb.		
CASE/TABLE DIMENSIONS	Wooden Base: 17.375"W x 2.875"H x 15"D		Industrial Carrying Case: 21.75"W x 14.625"H x 10.625"D			Table: 47.5"W x 20"D (Adjustable Height 28" - 34")	
SHIPPING WEIGHT	55 lb.	68 lb.	68 lb. & 9 lb.	68 lb.	68 lb. & 9 lb.	176 lb.	208 lb.