

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, Stitch Master® and Sailrite Fabricator Sewing Machines.

SEWING MACHINE	SAILRITE® ULTRAFEED®						SAILRITE® PROFESSIONAL		
	Fully portable machine and easy to carry. Intended for canvas, upholstery, awnings and vinyl; can sew leather with appropriate presser feet.						Full-size industrial machine in a large table. Sews 4-point and 2-point zigzag stitch. Intended for sail repair and sailmaking.		
MODEL	LSZ-1 Basic #300601	LSZ-1 Plus #300602	LSZ-1 Premium #300603	LSZ-1 SEW & GO BUNDLE #300611	LSZ-1 (EU) Basic #220601	LSZ-1 (EU) Plus #220600	LSZ-1 (EU) Premium #220603	STANDARD ARM #500500	LONG ARM #500600
TECHNICAL SPECS									
SHUTTLE	Oscillating (Cam/Rocker Arm Driven)						Full Rotary, Gear Driven		
POWER	1/10th hp, 110 volt, AC motor, 1.5 amp			1/10th hp, 110 volt, AC motor, 1.5 amp / 550-Watt, 3/4 hp, 110V Workhorse® Servo Motor	1/10th hp, 220-240 volt, AC motor 50/60 Hz, 0.7 amp			550-Watt, 3/4 hp, 110V Workhorse Servo Motor	
MOTOR SPEED	6,600 rpm motor at 1.5 amps			6,600 rpm motor at 1.5 amps / 4,500 rpm motor at 4.5 amps	8,200 rpm motor at 0.7 amps			4,500 rpm motor at 4.5 amps	
POSI-PIN® CLUTCHING SYSTEM	✓						✓		
FLYWHEEL	Power Plus® (Compatible with Monster® II Balance Wheel for hand cranking and sewing without electricity. Included in the PREMIUM packages.)						Stitch PRO		
MAX. SEWING SPEED (STITCHES PER MINUTE)	500 spm						1,108 spm		
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			Deluxe Electronic / Treadle	Deluxe Electronic			Treadle	
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		
LUBRICATION	Manual						Manual		
TREADLE FOOT LIFT	N/A						✓		

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	Fully portable machine and easy to carry. Intended for canvas, upholstery, awnings and vinyl; can sew leather with appropriate presser feet.							Full-size industrial machine in a large table. Sews 4-point and 2-point zigzag stitch. Intended for sail repair and sailmaking.	
MODEL	LSZ-1 Basic #300601	LSZ-1 Plus #300602	LSZ-1 Premium #300603	LSZ-1 SEW & GO BUNDLE #300611	LSZ-1 (EU) Basic #220601	LSZ-1 (EU) Plus #220600	LSZ-1 (EU) Premium #220603	STANDARD ARM #500500	LONG ARM #500600

TECHNICAL SPECS									
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		Wooden Base: 17.375"W x 2.875"H x 15"D Table: 47.5" W x 20" D (26.75"-30.75" Adjustable Height)	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 (28"-34" Adjustable Height)	
ALL-METAL CASTING AND INTERNAL PARTS	✓							✓	
ASSEMBLY WEIGHT	49 lbs.	55 lbs.	62 lbs.	49 lbs. (in Wooden Base)/98.5 lbs. (in Table)	49 lbs.	55 lbs.	62 lbs.	132 lbs.	164 lbs.
SHIPPING WEIGHT	55 lbs.	68 lbs.	68 lbs. & 9 lbs.	55 lbs., 34 lbs., 28 lbs. & 23 lbs.	55 lbs.	68 lbs.	68 lbs. & 9 lbs.	78 lbs., 34 lbs., 28 lbs. & 23 lbs.	121 lbs., 34 lbs., 28 lbs. & 23 lbs.

FEATURES									
EZ SET™ STITCH LENGTH PLATE	✓							N/A	
SPRING-LOADED STITCH LENGTH LEVER	✓							✓	
STITCH WIDTH ADJUSTMENT	✓							✓	
NEEDLE POSITIONING LEVER (LEFT, RIGHT, CENTER)	✓							N/A	
NEEDLE PLATE MARKINGS FOR SEAM ALLOWANCES	✓							N/A	
WELL-DEFINED FOOT AND FEED DOG	✓							✓	
WELTING TUNNEL IN FOOT FOR PIPING	✓							N/A	
EXTRA-WIDE ZIGZAG WALKING PRESSER FOOT	✓							✓	
CORDING FOOT SET (FOR LARGER WELTING)	✓							N/A	
LIGHT	Sold Separately	Flex20 LED Light		Flex20 LED Light	Sold Separately	Flex20 LED Light		Flex20 LED Light	
THREAD STAND	Stand Alone	Integrated			Stand Alone	Integrated			Deluxe Industrial
PATENTED SCARFED GIB HOOK	✓							N/A	
REVERSE	✓							✓	
STITCH BY STITCH SEWING CAPABILITY	Good	Good	Good	Very Good	Good	Good	Good	Very Good	
PORTABLE	✓			✓ (in Wooden Base)	✓			N/A	
WARRANTY	5-Year							2-Year	