

Straight Stitch Sewing Machine Comparison Chart

Refer to the Zigzag Stitch Sewing Machine Comparison Chart for specifications on Sailrite Ultrafeed® LSZ-1 & Professional Sewing Machines.

SEWING MACHINE	ULTRAFEED®					SAILRITE FABRICATOR	
	LS-1 BASIC #300501	LS-1 PLUS #300502	LS-1 PREMIUM #300503	LS-1 (EU) PLUS #220500	LS-1 (EU) PREMIUM #220503	#400500	#400501 (EU)
MODEL						#400500	#400501 (EU)
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	550-Watt, 3/4 Horsepower 220-240V Workhorse Servo Motor
MAX. SEWING SPEED (STITCHES PER MINUTE)	500 spm			500 spm		123 spm - 1,108 spm (Variable)	
MAX. STRAIGHT STITCH LENGTH	6 mm					8mm	
NEEDLE BAR STROKE	30 mm					30mm	
BED SIZE	14.5" x 7"					18.75" x 7"	
UNDERARM SPACE	7" x 4.5"					10.25" x 5"	
PRESSER FOOT LIFT	3/8"					Hand 6.5mm (1/4"), Knee Lift 14mm (9/16")	
FEED TYPE	Walking Foot					Compound Walking Foot	
FOOT CONTROL	Deluxe Electronic					Treadle	
LIGHT	Flex20 LED Light					Flex20 LED Light	
THREAD STAND	Stand Alone	Integrated				Deluxe Industrial	
BOBBIN SIZE	Class 15 / Style A (20.5 mm Dia. x 10.8 mm H)					Large Style M Bobbin	
NEEDLE SYSTEM	135 x 17 or 135 x 16					135 x 17 & 135 x 16	
NEEDLE SIZE RANGE	#10 - #22					#10 - #24	
THREAD RANGE	Home Sizes to V-92					V-30 to V-138	
REVERSE	✓	✓	✓	✓	✓	✓	✓
LUBRICATION	Manual					Automatic	
BUILT-IN KNEE LIFT						✓	✓
PORTABLE	✓	✓	✓	✓	✓		
CARRYING WEIGHT	47 lb.	54 lb.	61 lb.	54 lb.	61 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)	
SHIPPING WEIGHT	54 lb.	67 lb.	67 lb. & 9 lb.	67 lb.	67 lb. & 9 lb.	175 lb.	