

## Straight Stitch Sewing Machine Comparison Chart

For a comparison of our zigzag stitch machines, refer to the Zigzag Stitch Sewing Machine Comparison Chart (300085XHT) for specifications on Sailrite Ultrafeed® LSZ-1 and Professional Sewing Machines.

SEWING MACHINE	SAILRITE® ULTRAFEED®							CRAFTOOL® PRO STITCH MASTER®*	SAILRITE® FABRICATOR®			
	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 larger table. Intended for large awning, canvas and upholstery projects; can sew leather with appropriate presser feet.			
MODEL	LS-1 BASIC #300501	LS-1 PLUS #300502	LS-1 PREMIUM #300503	LS-1 SEW & GO BUNDLE #300511	LS-1 (EU) BASIC #220501	LS-1 (EU) PLUS #220500	LS-1 (EU) PREMIUM #220503	#3975-01	Standard #400500	Deluxe #400600	Standard #400501 (EU)	Deluxe #400601 (EU)

### TECHNICAL SPECS

SHUTTLE	Oscillating (Cam/Rocker Arm Driven)			Oscillating (Cam/Rocker Arm Driven)	Full Rotary, Gear Driven		
POWER	1/10th hp, 110V, AC motor, 1.5 amp		1/10th hp, 110V, AC motor, 1.5 amp / 550 Watt, 3/4 hp, 110V Workhorse® Servo Motor	1/10th hp, 220-240V, AC motor 50/60 Hz, 0.7 amp	550 Watt, 3/4 hp, 110V Workhorse Servo Motor	550 Watt, 3/4 hp, 110V Workhorse Servo Motor	550 Watt, 3/4 hp, 220-240V 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		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 package.)			Power Plus	Stitch PRO		Stitch PRO
MAX. SEWING SPEED (STITCHES PER MINUTE)	500 spm			412 spm	1,108 spm		1,108 spm
MAX. STRAIGHT STITCH LENGTH	6mm			6mm	8mm		8mm
NEEDLE BAR STROKE	34mm			34mm	37mm		37mm
BED SIZE	14.5" x 7"			14.5" x 7"	18.75" x 7"		18.75" x 7"
UNDERARM SPACE	7" x 4.5"			7" x 4.5"	10.25" x 5"		10.25" x 5"
PRESSER FOOT LIFT	3/8"			3/8"	Hand 6.5mm (1/4"), Knee Lift 14mm (9/16")		Hand 6.5mm (1/4"), Knee Lift 14mm (9/16")
FEED TYPE	Walking Foot			Walking Foot	Compound Walking Foot		Compound Walking Foot
FOOT CONTROL	Deluxe Electronic		Deluxe Electronic / Treadle	Deluxe Electronic	Treadle	Treadle	
BOBBIN SIZE	Class 15 / Style A (20.5 mm Dia. x 10.8 mm H)			Class 15 / Style A (20.5mm Dia. x 10.8mm H)	Large Style M Bobbin (25.6mm Dia. x 10.6mm H)		Large Style M Bobbin (25.6mm Dia. x 10.6mm H)
NEEDLE SYSTEM	135 x 17 or 135 x 16			135 x 17 or 135 x 16	135 x 17 & 135 x 16		135 x 17 & 135 x 16
NEEDLE SIZE RANGE	#10 - #22			#10 - #22	#10 - #24		#10 - #24
THREAD RANGE	Home Sizes to V-92			Home Sizes to V-92	V-30 to V-138		V-30 to V-138
LUBRICATION	Manual			Manual	Automatic		Automatic
BUILT-IN KNEE LIFT	N/A			N/A	✓		✓

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**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 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: 23.5"W x 18.75"D x 29.5"H	Standard Table: 47.5"W x 20"D (26.75"-30.75" Adjustable Height) Deluxe Table: 47.5"W x 20"D (28"-34" Adjustable Height)						
ALL-METAL CASTING AND INTERNAL PARTS	✓					✓	✓					
ASSEMBLY WEIGHT	47 lbs.	54 lbs.	61 lbs.	47 lbs. (in Wooden Base) / 97.5 lbs. (in Table)	47 lbs.	54 lbs.	61 lbs.	73.5 lbs.	130 lbs.	140 lbs.	130 lbs.	140 lbs.
SHIPPING WEIGHT	54 lbs.	67 lbs.	67 lbs. & 9 lbs.	56 lbs., 34 lbs., 28 lbs. & 23 lbs.	54 lbs.	67 lbs.	67 lbs. & 9 lbs.	52.3 lbs. & 36.7 lbs.	Standard Fabricator: 83 lbs., 34 lbs., 28 lbs. & 23 lbs. Premium Fabricator: 83 lbs., 36 lbs., 27 lbs. & 32 lbs.			

**FEATURES**

EZ SET™ STITCH LENGTH PLATE	✓				✓	N/A	
SPRING-LOADED STITCH LENGTH LEVER	✓				✓	✓	
NEEDLE PLATE MARKINGS FOR SEAM ALLOWANCES	✓				✓	✓	
WELL-DEFINED FOOT AND FEED DOG	✓				Sold Separately	✓	
WELTING TUNNEL IN FOOT FOR PIPING	✓				Sold Separately	Sold Separately	
LEATHER FOOT AND FEED DOG	Sold Separately				✓	Sold Separately	
LIGHT	Sold Separately	Flex20 LED Light	Sold Separately	Flex20 LED Light	LED Light	Flex20 LED Light (Standard Packages) Sailrite Industrial Flexible LED (Deluxe Packages)	
THREAD STAND	Stand Alone	Integrated	Stand Alone	Integrated	Incorporated	Deluxe Industrial	
PATENTED SCARFED GIB HOOK	✓				✓	N/A	
REVERSE	✓				✓	✓	
STITCH BY STITCH SEWING CAPABILITY	Good		Very Good		Good	Exceptional	Very Good
PORTABLE	✓		✓ (in Wooden Base)		✓	Semi-Portable	N/A
WARRANTY	5-Year				2-Year		2-Year

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