



# 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                             | ULTRAFEED®                                    |   |                         |  |                              | SAILRITE FABRICATOR                                    |  |
|--|---|---|-------------------------|--|------------------------------|--|--|
|  | LS-1 BASIC<br>#300501                         | LS-1 PLUS<br>#300502                                    | LS-1 PREMIUM<br>#300503 | LS-1 (EU) PLUS<br>#220500                              | LS-1 (EU) PREMIUM<br>#220503 | #400500  | #400501 (EU)   |
| MODEL                                      |   |   |                         |  |                              | #400500  | #400501 (EU)   |
| SHUTTLE                                    | Oscillating<br>(Cam/Rocker Arm Driven)        |   |                         |  |                              | Full Rotary, Gear Driven                               |  |
| POWER                                      | 1/10th hp, 110 volt,<br>AC motor, 1.5 amp     |   |                         | 1/10th hp, 220-240 volt,<br>AC motor 50/60 Hz, 0.7 amp |                              | 550-Watt, 3/4 Horsepower 110V<br>Workhorse Servo Motor | 550-Watt, 3/4 Horsepower 220-240V<br>Workhorse Servo Motor |
| MAX. SEWING SPEED<br>(STITCHES PER MINUTE) | 500 spm                                       |   |                         | 500 spm  |                              | 123 spm - 1,108 spm (Variable)                         |  |
| MAX. STRAIGHT<br>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:<br>17.375"W x<br>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.  |  |