


# Technical Specifications

	100	101	104	XL-21	211
<b>Sewing Speed</b>	1,750 spm	1,600 spm	Up to 1,900 spm	up to 1,850 spm	up to 2,000 spm
<b>Stitch Type</b>	401 two thread chainstitch	401 two thread chainstitch	401 two thread chainstitch	401 two thread chainstitch	401 two thread chainstitch
<b>Stitch Density</b>	6 to 16 s/cm (15 to 40 spi)	3 to 16 s/cm (7 to 40 spi)	3 to 16 s/cm (7 to 40 spi)	6 to 16 s/cm (15 to 40 spi)	5 to 20 s/cm (12 to 50 spi)
<b>Buttonhole Length</b>	10 to 32 mm ( $\frac{3}{8}$ " to $1\frac{1}{4}$ ")	13 to 32 mm ( $\frac{1}{2}$ " to $1\frac{1}{4}$ ")	13 to 32 mm ( $\frac{1}{2}$ " to $1\frac{1}{4}$ ")	AF: 13-32 mm ( $\frac{1}{2}$ " to $1\frac{1}{2}$ ") CT: 16, 19, 22 mm ( $\frac{5}{8}$ ", $\frac{3}{4}$ ", $\frac{7}{8}$ ")	AF: 10 to 50 mm ( $\frac{3}{8}$ " to $1\frac{31}{32}$ ") CT: 16 to 32 mm ( $\frac{5}{8}$ " to $1\frac{1}{4}$ ") ST/CT: 16 to 24 mm ( $\frac{5}{8}$ " to $\frac{15}{16}$ ") LTT: 10 to 36 mm ( $\frac{3}{8}$ " to $1\frac{13}{32}$ ")
<b>Automatic Cutting Length</b>	N/A	N/A	N/A	N/A	Optionally available to do buttonholes 16-35 mm
<b>Eye Shape</b> (X:Y) mm	No Eye; 3,0 x 5,0 Optional 3,0 x 4,0  RDE models only 2,0 - 4,0 mm; 4,0 - 7,0 mm	No Eye; 2,7 x 4,3	No Eye; 2,7 x 4,3	No Eye; 3,0 x 5,0 Optional 2,5 x 4,0; 4,0 x 5,0	No Eye; 2,2 x 3,0; 2,8 x 4,2; 3,0 x 4,6; 3,2 x 5,0
					
<b>End Shape</b>	flybar, open end, crossbar (060 model only)	flybar, open end	flybar, open end	flybar, open end	flybar, open end, crossbar, round end
<b>Stitch Bite</b>	2,0 -2,6 mm; 2,7-3,3 mm 3,4 -4,0 mm	2 to 4 mm	2 to 4 mm	2,0 -2,6 mm; 2,7-3,3 mm 3,4 -4,0 mm	2,0 -2,6 mm; 2,7-3,3 mm 3,4 -4,0 mm
<b>Automatic Thread Trimming</b>	AF: top thread only RDE: top thread only	AF: top thread only	AF - top thread only	AF: top thread only CT: all threads	AF: top thread only CT: all threads LTT: all threads
<b>Electrical Supply</b>	230V, 50/60Hz, 1Ph 400V, 50/60Hz, 3Ph 230V, 50/60Hz, 3Ph 110V, 60Hz, 1Ph	230V, 50/60Hz, 3Ph 400V, 50/60Hz, 3Ph 230V, 50/60Hz, 1Ph 110V, 60Hz, 1Ph	230V, 50/60Hz, 3Ph 400V, 50/60Hz, 3Ph 230V, 50/60Hz, 1Ph 110V, 60Hz, 1Ph	230V, 50/60Hz, 1Ph	230V, 50/60Hz, 1Ph
<b>Compressed Air</b>	Not required	Not required	Not required	7 l/m (.25 cfm) 5.5 bar (80 psi)	7 l/m (.25 cfm) 5.5 bar (80 psi)
<b>Dimensions (crated)</b>					
<b>Sewing Head</b>					
<b>Length</b>	70 cm (27 $\frac{1}{2}$ " )	70 cm (27 $\frac{1}{2}$ " )	79 cm (31" )	115 cm (45" )	115 cm (45" )
<b>Width</b>	55 cm (21 $\frac{1}{2}$ " )	55 cm (21 $\frac{1}{2}$ " )	64 cm (25" )	75 cm (29 $\frac{1}{2}$ " )	85 cm (33 $\frac{1}{2}$ " )
<b>Height</b>	75 cm (29 $\frac{1}{2}$ " )	75 cm (29 $\frac{1}{2}$ " )	80 cm (31 $\frac{1}{2}$ " )	145 cm (57" )	145 cm (57" )
<b>Weight</b>	86 kg (190 lbs.)	74 kg (163 lbs.)	89 kg (196 lbs)	206 kg (454 lbs.)	240 kg (529 lbs.)
<b>Table</b>					
<b>Length</b>	114 cm (45" )	114 cm (45" )	114 cm (45" )	* Head and table	* Head and table
<b>Width</b>	68 cm (27" )	68 cm (27" )	80 cm (27" )		
<b>Height</b>	40 cm (16" )	40 cm (16" )	40 cm (16" )		
<b>Weight</b>	75 kg (165 lbs.)	80 kg (176 lbs.)	69 kg (152 lbs)		
<b>Overall Dimmensions</b>					
<b>Floor Plan</b>	110 x 60 cm (43" x 24" )	110 x 60 cm (43" x 24" )	110 x 50 cm (43" x 24" )	110 x 60 cm (43" x 24" )	110 x 70 cm (43" x27 $\frac{1}{2}$ " )
<b>Table Height</b>	70 cm (27 $\frac{1}{2}$ " ) adjustable to 90 cm (35" )	70 cm (27 $\frac{1}{2}$ " ) adjustable to 90 cm (35" )	70 cm (27 $\frac{1}{2}$ " ) adjustable to 90 cm (35" )	70 cm (27 $\frac{1}{2}$ " ) adjustable to 90 cm (35" )	70 cm (27 $\frac{1}{2}$ " ) adjustable to 90 cm (35" )

Accuracy of illustration and description of equipment shown herein apply to products as manufactured at time of publication.