

SINGER®

300U/302U



**SINGER® Two Thread Chainstitch,
Single Needle, Two Needle and
Four Needle Sewing Machines**

300U 302U



300U: Flat bed machine



302U: Tubular bed machine

SINGER® Two Thread Chainstitch, Single Needle, Two Needle and Four Needle Sewing Machines

General Applications

- General stitching on medium and heavy material for jeans, work clothes and upholstery.

Features

- Semi-automatic lubrication system.
- Presser foot lifting by foot pedal.
- Two individual adjustable upper puller feed rolls (302U).
- Close-coupled gear driven puller feed with needle feed (302U).
- Arm shaft is supported with two ball bearings in front and rear.

General Specifications

- Bed dimensions:
 - 300U:** Length: 19-1/2" (495.0 mm)
Width: 7" (178.0 mm)
Space to right of needle: 10" (254.0 mm)
 - 302U:** Girth at needle area: 16" (406.0 mm)
Space to right of needle bar center line: 10" (254.0 mm)
Space to left of needle bar center line to edge of bed: 2-1/4" (57.2 mm)
Height of bed above table: 7" (178.0 mm)
Clearance between lower surface of bed and table top: 2-7/8" (73.0 mm)
- Machine pulley: 2-29/32" (74.0 mm) effective diameter for V-belt.
- Motor required: Singer clutch motor, high speed (2 pole), 1 / 2 H.P. (400W)

Specification Chart

Variety	Feed Type	No. of Needle	Max. (S.P.M.)	Stitch Length						Clearance Under Presser Foot		Needle Bar Stroke		Needle Cat. No	Needle Gauge (Standard)
				Min.		Max.		Standard		in	mm	in	mm		
				s.p.i.	mm	s.p.i.	mm	s.p.i.	mm						
300U101B		1	4,500	12	2.1	4	6.4	-	-	5/16	8.0	1-1/4	31.7	3260-01	-
300U201B		2													1/4, 3/16
300U401B		4													1/4-1-1/4
300U194A		1	4,000	12	2.1	3	7.6	-	-	7/16	11.0	1-7/16	36.5	4112-01	-
300U194A-HL		1	3,500							9/16	14.2	1-9/16	39.7		-
300U294A		2	4,000							7/16	11.0	1-7/16	36.5		1/4
300U105B		1	4,500	12	2.1	4	6.4	5	5.1	5/16	8.0	1-1/4	31.7	3260-01	-
300U205B		2													1/4, 3/16
300U405B		4													1/4-1-1/4
302U201B		1	4,500	-	-	4	6.4	-	-	5/16	8.0	1-1/4	31.7	3260-01	1-3/8
302U206B		2	4,500	12	2.1	4	6.4	9	2.4	5/16	8.0	1-1/4	31.7	3260-01	1-1/2 & 1-1/4
302U406B		4													1/4-1-1/4

Note

- Speed depends on materials and type of operation.
- Sewing condition may differ from the above specifications according to the materials being sewn.
- HL: High lift of presser foot.

Feed type	Description
	Machine fitted with anti-reversing device to minimize skip stitching when crossing extra heavy seams.
	Compound feed.
	Compound feed with pneumatic alternating pressers. This gives equal pressure when sewing varying thickness of material.
	Compound feed and gear driven puller feed.
	Needle feed and gear driven puller feed.

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