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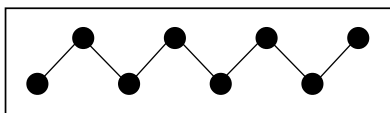
Model CN2093R-DD

WITH

- DIRECT DRIVE BUILT-IN SERVO MOTOR
- VARIABLE SPEED CONTROL
- DIGITAL CONTROLS
- AUTOMATIC LUBRICATION**
- HORIZONTAL AXIS ROTARY HOOK - FRONT LOAD
- REVERSE FEED
- COMBINATION ZIG-ZAG AND STRAIGHT STITCHER
- NEEDLE POSITION ADJUSTMENT (*Right • Center • Left*)
- NEEDLE POSITION (*Stop-Up / Stop-Down*)
- METAL GEARS (HARDENED STEEL)



Zig Zag Stitching



Federal Stitch 304
One Stitch / Two Steps

SINGLE NEEDLE
DROP FEED
ZIG-ZAG
LOCKSTITCH MACHINE
Direct Drive
(Servo Motor connected to Top Shaft)

Model CN2093R-DD

APPLICATIONS

- For sewing light to medium heavy weight fabrics including clothing, shoes and caps, leather articles, bags and more
- For attaching lace, elastic band, bottom hemming, edge stitching, butted seaming, applique and similar operations
- Federal stitch type 304 (and a type 301 stitch when set to straight stitch)



FEATURES

- Automatic Lubrication
- Horizontal axis rotary hook
- Dial zig-zag regulator
- Locking zig-zag width regulator
- Straight stitches when zig-zag set to "0"
- Stitches per minute — up to 2000*
- Reverse stitching
- Built-in bobbin winder
- Metal gears (hardened steel)
- Built-in free-hand monogramming lever
- Needle Position Adjustment (*right • center • left*)
- Needle Position (*Stop-Up / Stop-Down*)



SPECIFICATIONS

CN2093R-DD

Speed, Max. (S.P.M.) *	2000	
Clearance Under Foot	by hand	15/64" (6 mm)
	by knee	25/64" (10 mm)
Needle Bar Stroke	1 6/25" (31.5 mm)	
Stitch Length, Max.	5 s.p.i. (5 mm)	
Needle	135 x 5	
Bed Size	7" x 15 11/16" (178 x 398.5 mm)	
Work Space	8 5/16" (211 mm)	
Stitch Width Max.	11/32" (9 mm)	
Stitch Type	••••• 304 (<i>or straight</i>)	
Power	110 vac Motor built-in	

* Speed depends on width of zig-zag, material and thread.



Closeup of needle adjusted to left position.



Also available is the traditional CN2093R NON-direct drive machine