

## CW series

### Features

- Vertical axis hook.
- Safety clutch prevents the hook from being damaged.
- No Feeding mechanism allows sewing work in any direction as required for darning and mending. (-1 only)
- Reverse stitching (except -1).
- Compound feed and walking foot mechanism assures even feeding of materials. (-8B-2, -8BV)
- No Reverse stitch version available.
- Semi-automatic lubrication system and large hook machines are available. (LCW series)

### Specifications (CW-□)

Variety	1	7B	8B-2	8BV	
Number of needle	Single needle				
Max. speed	2,800(s.p.m.)	2,500(s.p.m.)			
Max.stitch length	—	13/64" (5 mm)		11/64" (4.5 mm)	
Clearance under presser foot	by pedal	25/64" (10 mm)	25/64" (10 mm)	35/64" (14 mm)	33/64" (13 mm)
	by hand	—	21/64" (8.5 mm)	21/64" (8.5 mm)	9/32" (7 mm)
Needle bar stroke	1-5/16" (33.2 mm)				
Needle(standard)	FOx3 (#18) FOx3 (#110)	DPx17 (#22) , 135x17 (#140)		DPx17 (#18) 135x17 (#110)	
Thread	#8 (standard)				
Hook	Vertical axis hook				
Amount of lift of walking foot	—	7/64"-7/32" standard 1/8" (2.7 - 5.5 mm) (standard 3.2 mm)			
Thread take up lever	Slide type				
Lubrication	Hand type				
Cylinder size	2-9/16"(65 mm) dia.				
Working space	10-5/32"x 4-21/64" (258 x 110 mm)				
Motor	Clutch motor				
Net weight(Head only)	32Kg				

**NOTE**

- (1) Speed depends on threads, materials and type of operation  
 (2) Specifications subject to change without notice

### Optional parts and attachments at extra charge

Variety	Parts name & No.				
	Finger guard	Belt cover	Binder	Feed dog ("L"shape)	Vibrating p.f. ("L"shape)
1	—	13425C	—	—	—
7B	10955-01	13425C	—	—	—
8B-2	10937	13425C	—	—	—
8BV	10937	13425C	2A type (2-fold) 3A type (3-fold)	13244	13250