

DCN series

High speed, Cylinder bed, Double chain stitch machines



DCN-27

Variety



Compound feed



Needle and gear driven puller feed



DCN-7
Single needle



DCN-25R
Two needle



DCN-27
Two needle



DCN-45R
Four needle



DCN-47
Four needle

Applications

Banding on work clothes, jeans and inserting elastic on bathing trunks, sports clothes, boxer shorts and similar tubular articles, etc.



Features

Semi-automatic lubrication system.

Reduced noise level.

Two individual adjustable upper puller feed rolls (-25R/-45R).

Close-coupled gear driven puller feed with needle feed (-25R/-45R).

Stitch lengths adjusted by needle feed and drop feed motions separately (-7/-27/-47).

Cylinder bed for tubular work.

Flat bed machines available (LD series).

Three, Five and Six needle machines are available at special order.

Specifications (DCN-)

Variety	7	27	47	25R	45R
Number of needle	Single needle	Two needle	Four needle	Two needle	Four needle
Max. sewing speed	4,000(s.p.m.)				
Max. stitch length	1/4" (6.4 mm)			7/64" (2.8 mm)	
Clearance under presser foot	5/16" (8 mm)				
Needle bar stroke	1-1/4" (31.8 mm)				
Needle(standard)	DVx57 (#22) , 62x57 (#140)				
Thread	#30 (standard)				
Thread take up lever	Needle bar type				
Lubrication	Semi-automatic type				
Cylinder size	3-15/16"x 5-1/8"x 4-7/8" (100 x 130 x 124 mm)				
Working space	10-5/8"x 5-5/16" (270 x 135 mm)				
Motor	Clutch motor				
Net weight(Head only)	47Kg			52Kg	

NOTE

(1) Speed depends on threads, materials and type of operation

(2) Specifications subject to change without notice

Needle gauge list

Variety	Needle gauge size
27 , 25R	7/8"(22.2 mm), 1"(25.4 mm), 1-1/4"(31.8 mm), 1-3/8"(34.9 mm), 1-1/2"(38.1 mm) standard : 1-3/8"(34.9 mm)
47 , 45R	1/4"-1/4"-1/4"(6.4-6.4-6.4 mm), 5/16"-5/16"-5/16"(7.9-7.9-7.9 mm), 3/8"-3/8"-3/8"(9.5-9.5-9.5 mm) 1/2"-1/2"-1/2"(12.7-12.7-12.7 mm), 1/4"-1"-1/4"(6.4-25.4-6.4 mm) standard : 1/4"-1"-1/4"(6.4-25.4-6.4 mm)

NOTE: 3/16"(4.8 mm) to 2"(50.8 mm) gauge size available at extra charge



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