

## SPECIFICATIONS

Standard Cylinder Dia., Needle Number and Gauge	Cylinder Dia.	Needle Number	Gauge
	88.90 mm (3-1/2")	104 ~ 240 Needle	24 ~ 50 Gauge
	101.60 mm ( 4" )	120 ~ 240 Needle	24 ~ 50 Gauge
	114.30 mm ( 4-1/2")	72 ~ 100 Needle	6 Gauge
Running Speed	Rib	Max. 380 rpm	
	Links	Max. 300 rpm	
Power Required	Driving Motor	0.85 Kw	
	Ring Blow Motor	0.76 Kw (50Hz) , 0.93 Kw (60Hz)	
Dimensions	(W) 1,100 x (D) 1,360 x (H) 2,550 mm		
Net Weight	320 Kgs		

### STANDARD ATTACHMENTS

1. Controller (1024 KB)
2. Turning device
3. Ring blow motor
4. Air pressure sensor
5. Electronic elastic yarn feeding device

#### Note:

1. Specification can be changed without notice.
2. The maximum speed is obtainable depends on various factors E.G. type of yarns, stitches, maintenance, lubricant, etc.

### OPTIONAL ATTACHMENTS

1. Movable latch guard cam
2. Fabric transfer check detector
3. Portable back switch
4. Reinforcement (Splicing) device
5. Partial stitch control (upper stitch)
6. Partial stitch control (lower stitch)
7. Yarn monitors (BTSR/IDS)
8. Auto drain
9. Air booster valve + tank
10. Picot edge (lower stitch)

= Established 1903 =



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Sales Representatives:

# NAGATA HOSIERY MACHINE

## Model D-100



Double Cylinder  
1 - Feed  
Broad Rib  
Links / Links





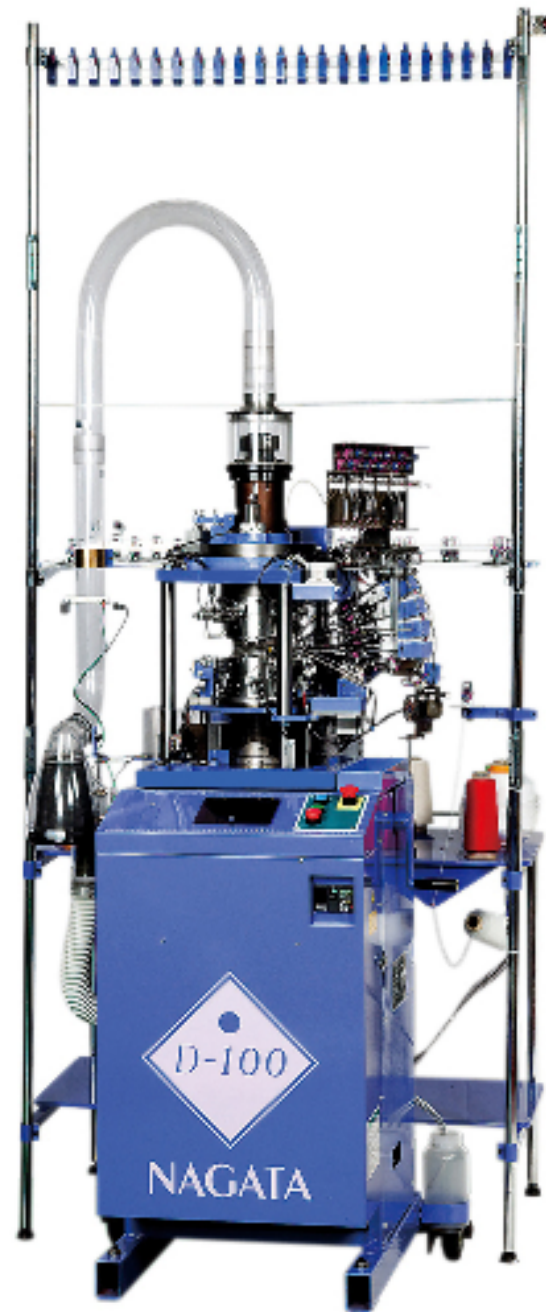
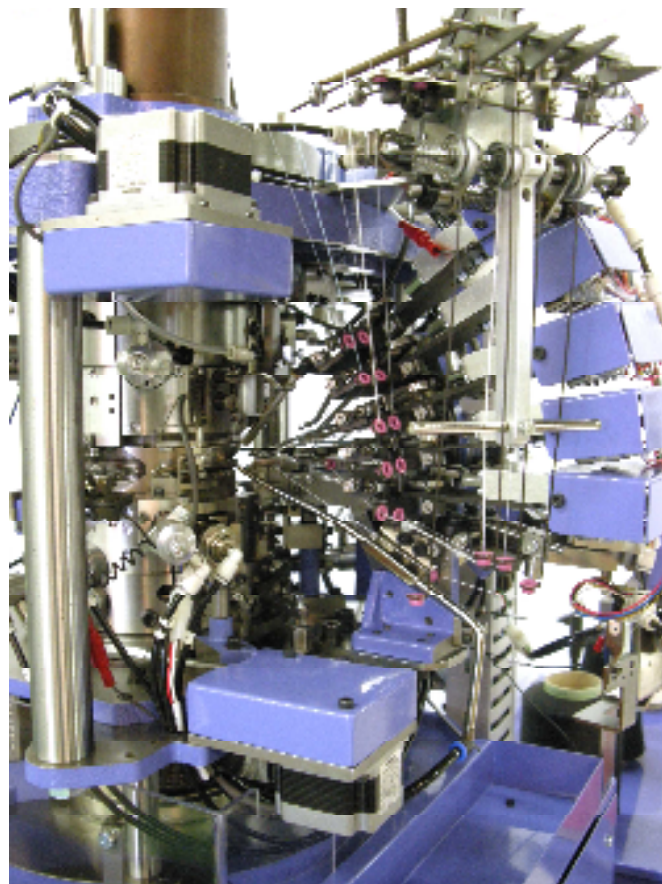
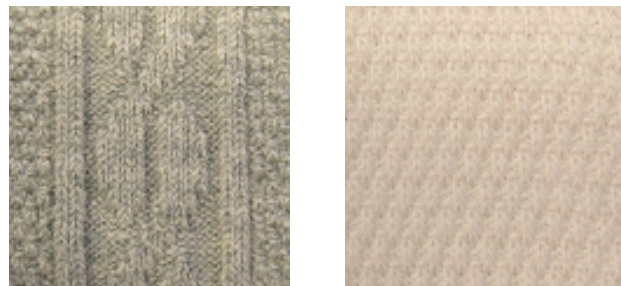
# NAGATA Double Cylinder 1-Feed Broad Rib & Links / Links Sock Knitting Machine

## Model D-100

The D-100 is the new 1-feed double cylinder broad rib & links/links knitting machine, with a new developed cam construction & yarn guide mechanism for high efficiency giving stable operation and energy conservation.

The machine body is designed smaller and lighter to significantly improve the mechanical energy, we believe that it will be a significant contribution to reduce the product cost for the user.

Moreover, 1-feed organization brings superior operation and maintenance.



### Main Features

1. The whole mechanism of the cylinder drive section has been researched once again. As a result of this energy conservation has been achieved by installing a small-sized servo-motor.
  2. The electromagnetic valve system and piping have also been researched again this has made it possible to operate the cams with a small-sized electromagnetic valve.
  3. The high visibility color LCD and touch panel makes it possible to change and save data simply onboard. Load and save data can be performed by USB memory smoothly.
  4. Stitch quality ~ fine adjustments can be made via a pulse motor. Partial stitch is operated via air cylinders as optional to control knitting data for adjustments to the balance of stitches to fit pearl knitting and side pattern.
  5. Via the data system you can control heel/toe knitting, allowing you to increase and decrease number of needles of high heel and wide heel up to 1/20 number of needles without rearrangement of the sliders. (24Gauge ~ 50Gauge specification)
  6. Compared with our previous model (D-211), consumption of compressed air is reduced around 50% per hour.
- (Note) Comparison under our standard men's style

