

SPECIFICATIONS

Standard Cylinder Dia. and Needle Numbers	Cylinder Dia.	Needle Numbers
	88.90 mm (3-1/2")	108, 120, 132, 144, 156, 168, 180, 200
	95.25 mm (3-3/4")	108, 120, 132, 144, 156, 168, 180, 200
Running Speed	Plain	max. 350 ~ 400 rpm
	Pattern	max. 280 ~ 300 rpm
	Heel/Toe	max. 280 rpm
Gauge	24, 36, 48 Gauge	
Power Required	Driving Motor	1.0 kw
	Inverter Controlled Ring Blow Motor	1.3kw(50Hz), 1.9kw(60Hz)
Dimension	(W)1,287 mm X (D) 1,650 mm X (H) 2,590 mm	
Net Weight	497 kgs	

STANDARD ATTACHMENTS

1. Controller (1,024 KB)
2. Automatic toe linking device
3. Fabric transfer check detector
4. Air pressure sensor
5. Electronic elastic yarn feeding device
6. Dial Cap three stages for up and down
7. Inverter controlled ring blow motor
8. Creel Stand
9. 1F Air latch opener
10. Air blow for trimmer

OPTIONAL ATTACHMENTS

1. 2 feeder type electronic elastic yarn feeding device
2. Auto drain
3. Yarn monitor
4. Three dimension sock design (2 or 3 colours) knitting device
5. Reinforcement (Splicing) device
6. 3 pcs yarn fingers on 2nd color feeder
7. Air mist separator
8. Air pressure intensifier valve & tank
9. Air blow for air take up
10. Portable back switch

- * Anti-twist device cannot be attached
- * Specification can be changed without notice



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Sales Representatives:

Sock Knitting Machine with Automatic Toe Linking Device

Model FT-K11



Fine Toe



Fine Toe

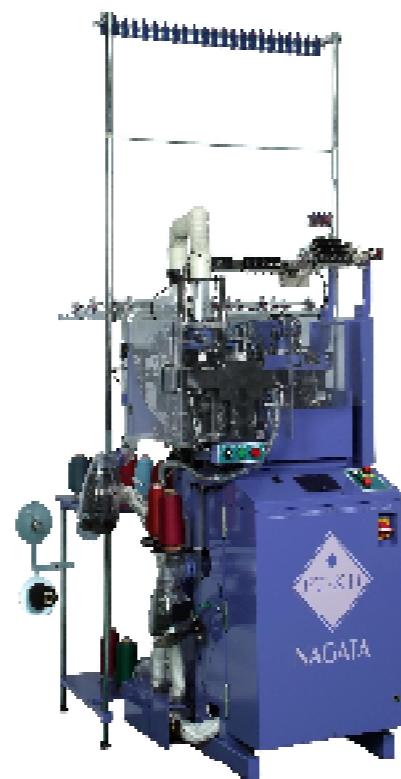
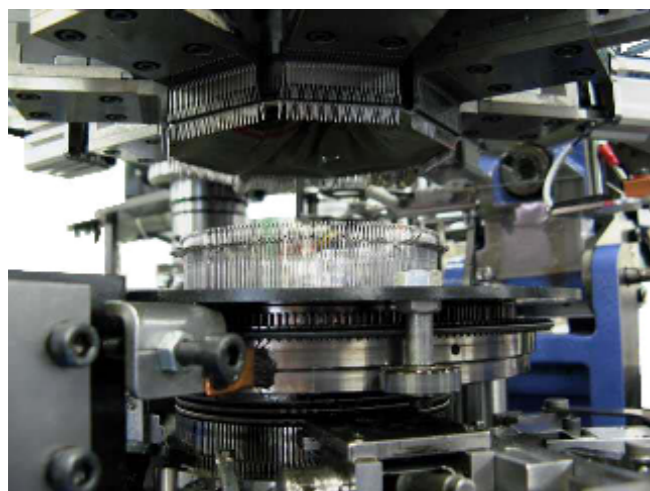
NAGATA Sock Knitting Machine with AUTOMATIC TOE LINKING DEVICE

Single Cylinder, Single Feed, Spiral + 5 Colour Motif

Model FT-K11

FT-K11 is single feed, single cylinder sock knitting machine with automatic toe linking device. Capable of knitting patterns with 5 colours per course plus ground (or 4 colours plus the ground in the elastic top).

Concerning knitting machine part, we have adopted a drastic elimination of futile specifications and together with globalization of parts supplies it allows us to offer a sharp reduction in machine prices.



Socks are transported to the automatic linking device and linked needle by needle, the machine characterizes easy operation and high productivity.

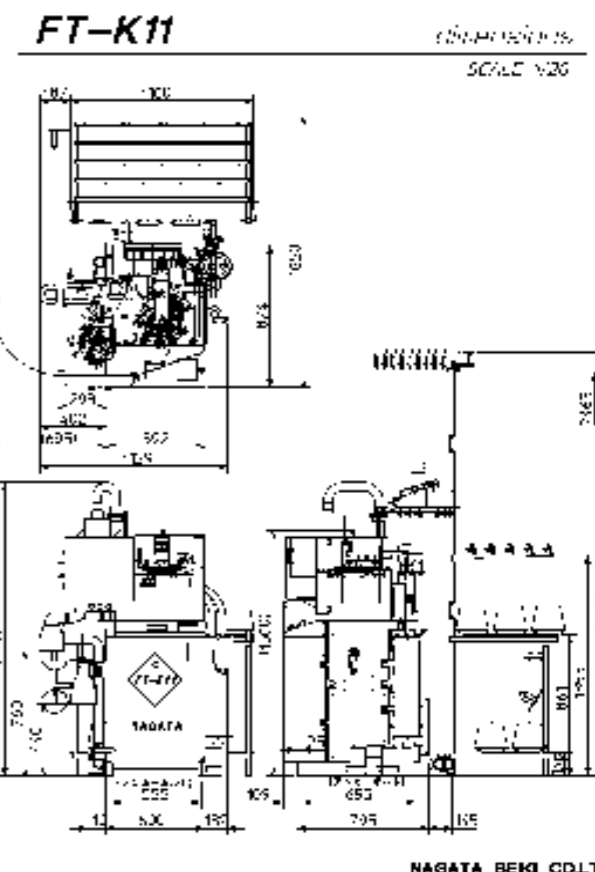
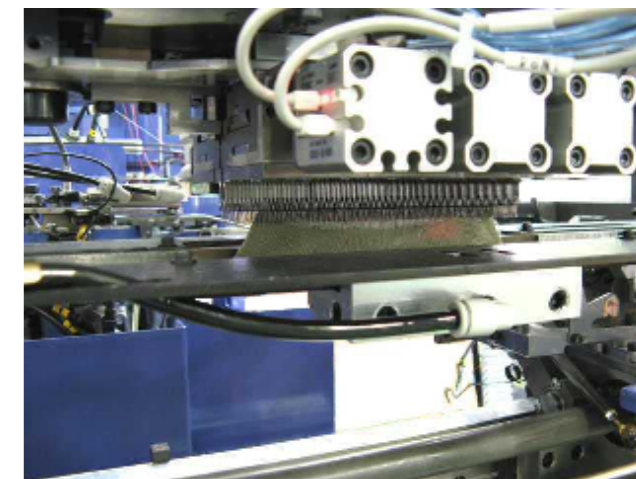
FT-K11 enables substantial improvements of the sock knitting process for the quick response for times, reducing costs for small unit order requirements and no doubt this contributes extensively to sock knitters' developments.

Main Features

1. The automatic linking device arm is equipped with transfer needles for needle by needle transfer; the sock is reverse turned prior to sewing process and sewing is completed during the sock transfer / sock machine not knitting is 10 seconds (depending on certain conditions) this time is comparable with the current time associated with knitting Rosso fine courses and Rosso fence (run-off-courses). Also it is possible to eliminate waste yarn that are normally associated with Rosso fine courses and fence.
2. Data provisions for the toe linking sewing unit to be switched off to allow for conventional knitting of Rosso fine seam and Rosso fence if required.
3. New Developments to reduce knitting time and improve efficiency; a simplified cambox design and efficient progressive heel/toe knitting system.
4. The toe linking sewing unit is based on a mechanical system for easy control and maintenance.
5. The new controller offer progressive operation system and data preparation. Also the USB memory and Dynamic Drive Method Actuators improve memory capacity and maintenance.

The Merit of Equipment

With knitting and linking simultaneously being processed valuable production / delivery times can be improved. Integrating the knitting and linking process is an advantage for small order production / higher productivity, samples and designing. The linking sewing is needle by needle creating a smooth flat seam suitable for high grade quality, sports socks and medical socks. Instant cost savings; labor costs for the traditional Rosso process.



The model name, FT stands for Fine Toe is the trade mark for Nagata Hosiery Machine with Automatic Toe Linking Device.