

MEDICAL LINE

PLAIN ~ TRUE RIB ~ COMPRESSION



BUSI 1958[®]

Simply Unique Sock-knitting Machines

BUSI[®]
MEDICAL

OVER 65-YEAR
EXPERIENCE



100%
designed &
manufactured
in Italy

www.busigiovanni.com



FEATURES

BUSI® MEDICAL is a high production single cylinder sock machine with latch needles in the dial to enable it to produce true rib and plain stitch medical compression socks with compression class 1, 2, 3 and it is provided with full electronic control. The machine is provided with 2 knitting feeds for both plain stitch and true rib.

The compression graduation is achieved by using the automatic stiffening, which is available on all the stitch motors, and by graduating the tension of the inlaid elastic yarn.

The features of the machine are listed below.

TEXTILE POSSIBILITIES

1x1 true rib welt	Embroidery pattern on a mesh base 4 colors per course plus the ground
Double welt	Two colors jacquard pattern on a true rib base
Possibility to switch from inlay to knit for the elastic in the same course	Mesh pattern in two feeds
Embroidery pattern on a mock rib base 5 colors per course plus the ground	1x1, 3x1, 5x1 ecc. true rib fabric

TECHNICAL FEATURES

- Two feeds
- Stitch adjustment by step motors
- Automatic stiffening on each step motor
- Cylinder motion by Brushless motor
- Possibility to store several articles in memory
- Possibility to run a sequence of up to 4 different articles.
- Possibility to modify the programs and/or the machine parameters during knitting
- Programs are loaded through a USB stick or through the network
- UPS power backup system
- Photocell dropout control
- Automatic lubrication
- All shafts work on roller bearings

AVAILABLE OPTIONS

- RIMAGLIO device for the classic linking
- Clamp for bare lycra
- Storage feeders
- Yarn feeders mod. ULTRAFEEDER (BTSR)
- BTSR yarn flow sensors
- Anti-twist device
- Suction fan
- Vertical or horizontal yarn rack
- Ethernet network connection (wired or wireless)
- Production monitoring program BUSI® CONTROL TOWER
- Pattern and article development program (ART-GEN)

TECHNICAL DATA

- Diameters: 4", 4 ½", 5"
- Needles: 200 - 400
- Needles gauge: 0.6mm (Ng48), 0.5mm (Ng54), 0.4mm (Ng70)
- Max. mechanical speed: 220 rpm
- Speed in heels: 200 courses pm
- Weight 420 kg
- Technical dimensions cm 125 x 155 x 245
- Technical dimensions (+ Rimaglio) cm 135 x 155 x 275

4"	200	320
4 ½"	226	360

5"	320	400
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