



BUSI 1958[®]

Simply Unique Sock-knitting Machines

BUSI[®]

MEDICAL TERRY

OVER **65-YEAR**
EXPERIENCE



100%
designed &
manufactured
in Italy



FEATURES

BUSI® MEDICAL TERRY is a high production single cylinder sock machine with latch needles in the dial to enable it to produce true rib, plain stitch and terry 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 terry device enables the fully automatic switching from plain stitch to half terry and to full terry.

The features of the machine are listed below.

TEXTILE POSSIBILITIES

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

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
- Device for selected terry
- 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 - 300
- Needles gauge: 0.6mm (Ng48), 0.5mm (Ng54)
- Max. mechanical speed: 200 rpm
- Speed in heels: 180 courses pm
- Weight 420 kg
- Technical dimensions cm 125 x 155 x 245
- Technical dimensions (+ Rimaglio) cm 135 x 155 x 275

4"	200	240
4 ½"	226	280

5"	240	300
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