



BUSI LIGHT MP

OVER **60-YEAR**
EXPERIENCE

MANUFACTURING SIMPLY UNIQUE
SOCK-KNITTING MACHINES



100%
designed &
manufactured
in Italy



FEATURES

BUSI LIGHT MP is a high production single cylinder machine for the production of socks for men and children with terry and plain fabric and it is equipped with full electronic control.

The terry device enables the fully automatic switching from plain stitch to half terry and to full terry.

The machine is provided with an electronic device that controls the speed of the saw blade thus enabling the machine to produce different lengths of the cut strings. The saw blade is automatically stopped during the heels.

TEXTILE POSSIBILITIES

- Double welt
- Embroidery pattern 5 colours per course plus the ground
- Embroidery pattern on a mock rib base 5 colours per course plus the ground
- Embroidery pattern on a mesh base 4 colours per course plus the ground
- Automatic change from terry to plain
- 3D article option

TECHNICAL FEATURES

- One feed
- 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

- Second feed
- 6 pattern colours
- Device for cylinder stitch adjustment
- RIMAGLIO device for the Classic Linking
- Clamp for bare lycra
- Device for second elastic yarn
- Storage feeders
- Device for footie sock
- Device for 3D sock
- Kit for pattern in heel and toe
- Suction fan
- Positive yarn feeders mod. ULTRAFEEDER (BTSR)
- BTSR yarn flow sensors
- Vertical or horizontal yarn rack
- Ethernet network connection (wired or wireless)
- Production monitoring programme BUSI CONTROL TOWER
- Pattern and article development programme (ART-GEN)

TECHNICAL DATA

- Diameters: 3 1/4", 3 1/2", 3 3/4", 4", 4 1/2"
- Needles: 84 - 200
- Available gauges: 24, 36, 48
- Max. mechanical speed: 250 rpm
- Speed in heels: 220 courses pm
- Weight 420 kg
- Technical dimensions cm 125 x 155 x 245
- Technical dimensions (+ Rimaglio) cm 135 x 155 x 275

3 1/4"	84	144
3 1/2"	112	200

3 3/4"	96	200
4"	84	200
4 1/2"	84	200

