

GOLD LINE

PLAIN ~ TRUE RIB ~ SELECTED TERRY



BUSI 1958[®]

Simply Unique Sock-knitting Machines

BUSI[®] J TERRY

OVER 65-YEAR
EXPERIENCE



100%
designed &
manufactured
in Italy

www.busigiovanni.com



FEATURES

BUSI® J TERRY is a high production single cylinder sock machine provided with latch needles in the dial and with a device for the selection of the terry loops to enable it to produce socks for men and children with true rib and selected terry. The machine is provided with full electronic control. The terry device enables the **fully automatic switching from plain stitch to half terry and to full terry**. It is also optionally available a terry device that enables the machine knitting the sandwich terry and the normal terry without any mechanical change. The machine is available with one or two feeds. The features of the two versions are listed in the table below.

TEXTILE POSSIBILITIES

| 1 - feed machine | 2 - feed machine |
|---|---|
| 1x1 true rib welt | 1x1 true rib welt |
| Double welt | Double welt |
| Pattern on plain knit: 5 colours per course plus the ground | Pattern on plain knit: 5 colours per course plus the ground |
| Pattern on laid-in elastic: 5 colours per course plus the ground | Pattern on laid-in elastic: 5 colours per course plus the ground |
| Pattern on mesh: 4 colours per course plus the ground | Pattern on mesh: 5 colours per course plus the ground |
| Mesh pattern | Mesh pattern |
| | 2 colour jacquard patterns on a flat knit base + 4 pattern colours |
| | 2 colour jacquard patterns on a true rib base |
| Selected terry with additional pattern: 5 colors per course plus the ground | Selected terry with additional pattern: 5 colors per course plus the ground |
| 1x1, 3x1, 5x1 etc... true rib fabric | 1x1, 3x1, 5x1 etc... true rib fabric |

TECHNICAL FEATURES

- 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

TECHNICAL DATA

- Diameters: 3 1/4", 3 1/2", 3 3/4", 4", 4 1/2"
- Needles: 84 - 240
- Needles gauge: 1.25mm (Ng12), 1mm (Ng18), 0.85mm (Ng24), 0.7mm (Ng36), 0.6mm (Ng48), 0.5mm (Ng54)
- Max. mechanical speed: 220 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 | 136 |
| 3 1/2" | 96 | 200 |

| | | |
|--------|----|-----|
| 3 3/4" | 96 | 220 |
| 4" | 84 | 240 |
| 4 1/2" | 84 | 200 |

AVAILABLE OPTIONS

- RIMAGLIO device for the Classic Linking
- Two feeds
- 6th pattern colors (2 yarn fingers)
- Universal sinker cap for normal/sandwich terry (3 3/4" and 4")
- Clamp for bare lycra
- Device for the second elastic yarn
- Device for footie sock
- Device for the 3D sock
- Mesh patterns in two feeds
- Kit for pattern in heel and toe
- 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)

