

GOLD LINE

PLAIN ~ TRUE RIB



BUSI 1958[®]

Simply Unique Sock-knitting Machines

BUSI[®]
IDEA

OVER **65-YEAR**
EXPERIENCE



100%
designed &
manufactured
in Italy

www.busigiovanni.com

FEATURES

BUSI® IDEA is a high production single cylinder sock machine with latch needles in the dial to enable it to produce true rib socks for men and children and it is provided with full electronic control.

The machine is available with one or two feeds. The features of the two versions are listed 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
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: 72 - 320
- Needles gauge: 1.25mm (Ng12), 1mm (Ng18), 0.85mm (Ng24), 0.7mm (Ng36), 0.6mm (Ng48), 0.5mm (Ng54), 0.4mm (Ng70)
- Max. mechanical speed: 280 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"	72	152
3 1/2"	112	280
3 3/4"	112	280

4"	72	320
4 1/2"	84	200

AVAILABLE OPTIONS

- RIMAGLIO device for the Classic Linking
- Two feeds
- 6th pattern colour (2 yarn fingers)
- Clamp for bare lycra
- Device for the second elastic yarn
- Device for footie sock
- Device for 3D sock
- Mesh pattern in two feeds
- 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)

