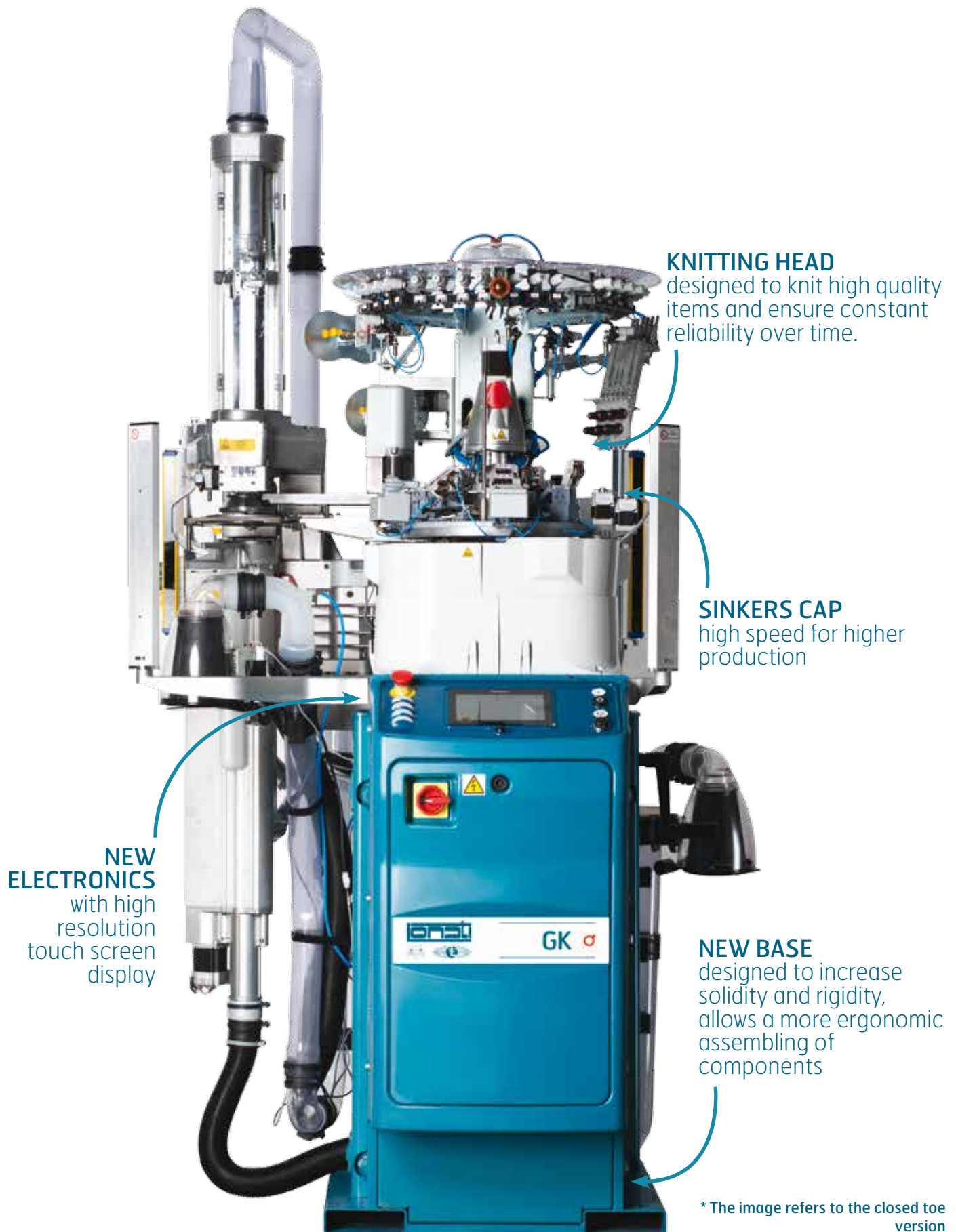


GOAL
SINGLE CYLINDER
GK544 0

SINGLE CYLINDER GK544 0



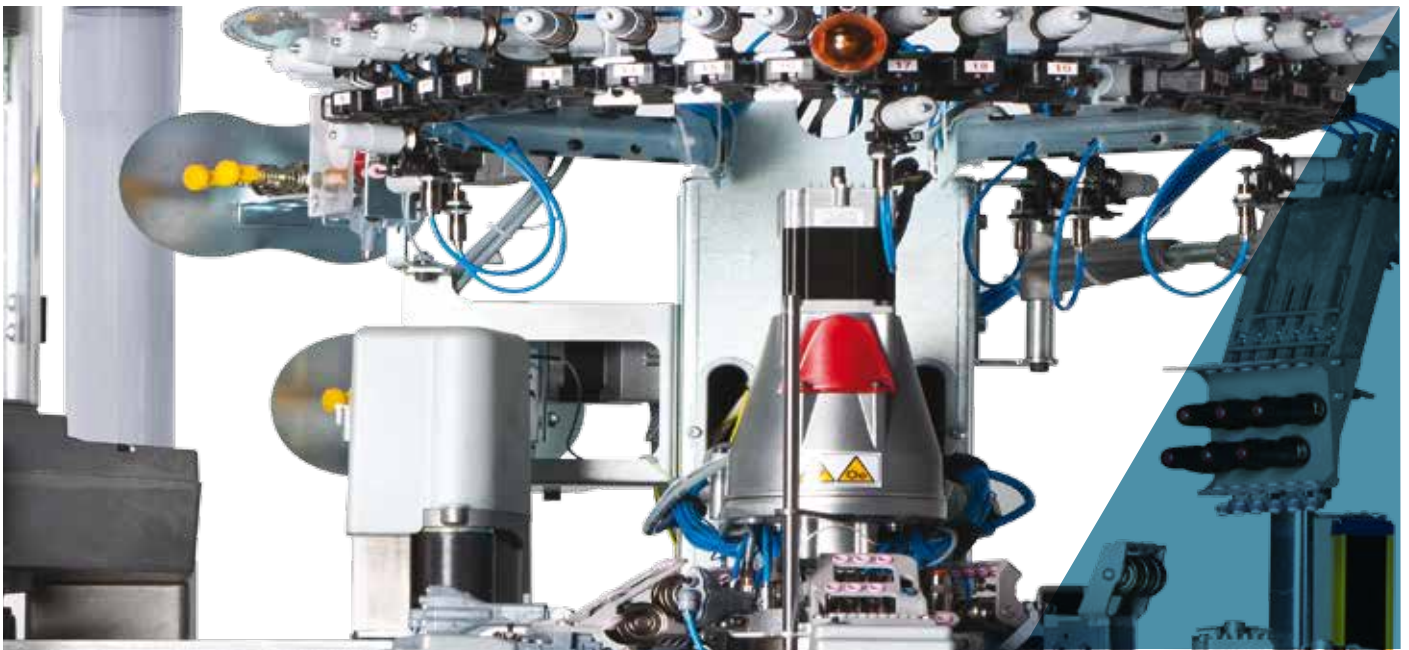
KNITTING HEAD
designed to knit high quality items and ensure constant reliability over time.

SINKERS CAP
high speed for higher production

NEW ELECTRONICS
with high resolution touch screen display

NEW BASE
designed to increase solidity and rigidity, allows a more ergonomic assembling of components

* The image refers to the closed toe version



All images in this brochure are indicative and not binding.

SINGLE CYLINDER GK544 0

Goal Series four feeds machines are designed to offer maximum productivity. They are available in 4" diameter with different numbers of needles. Latest generation electronics provides control and execution of all machine commands. Drawings and articles are created and managed by Digraph 3 Plus software package, which contains a full collection of styles the operator can combine in different ways to obtain the desired results.

- 4 colors pattern on single feed course, plain knit or terry
- reciprocated heel and toe in different sizes
- 27 yarn fingers
- Rising dial and finger plate with stepping motor
- 9 electronic actuators for needle selection
- brushless coaxial main motor

DIMENSIONS



Length cm 116,8
Depth cm 103,7
Height cm 226

WEIGHT



Machine ca. 230 Kg
Yarn creel ca. 46 Kg

CERTIFICATION

SINGLE CYLINDER

GK544 0

TECHNICAL FEATURES

| MODEL | CYLINDER DIAMETER | GAUGE | NEEDLE THICKNESS |
|---------|-------------------|------------------|------------------------------|
| GK544 0 | 4" | from 6 1/2 to 20 | 1.00 - 0.85 - 0.70 - 0.60 mm |

Above data are indicative and not binding.

STANDARD DEVICES

- Stepper motor electric dial with adjustable height
- Stitch cam feeds: 1,2,3,4 with 2 different heights.
- High speed motorized sinker cap
- High resolution touch screen display
- Yarn sliding sensors guard cleaning device
- Heel yarn recover device with four positions
- 9 yarn fingers on first feed, 6 on second, third, fourth feed
- Yarn creel
- USB port
- Circular yarn cutter with mechanical stop
- Stepper motor controlled adjustable suction valve

MAIN OPTIONAL DEVICES

- LGL Eco Power or Compact yarn storage feeder
- Dinema YoYo positive yarn feeders
- Elastic yarn positive feeders, for compression socks
- Dinema Plus elastan positive feeders
- Stitch cam feeds: 1,2,3,4 with 3 different height.
- Motorized stitch cams
- Motorized sinker cap for sinker pressure
- Motorized sinker cap for sinker pressure and angular position
- Antitwist device
- Footlet device
- Recover yarn device, 6 positions
- Yarn trimming circular cutter with adjustable speed
- Dial with 5 pliers for bare or coated elastane
- Ethernet board for connection to Dinema Nautilus data collector system
- Yarn sliding control sensors, Dinema ISPY
- 4 feeds for reinforced sole
- Pneumatic yarn tensioner for covered elastane
- Suction fan

POSSIBLE KNITTING

The standard machine can perform the following knittings

- 4 colors pattern plus ground color, tuck and float stitch, 1 feed
- 3 colors pattern plus ground color, mesh, tuck and float stitch, 1 feed
- With laid-in elastic: 3 colors pattern plus ground color, tuck and float stitch
- With laid-in elastic: 2 colors pattern plus ground color, tuck and float stitch
- Tuck and float stitch, jacquard, 4 feeds
- Elastic on 2 feeds
- Mesh on 2 feeds

NUMBER OF COLORS

Number of colors

4 colors on course plus ground color, one feed

PERFORMANCES

| | | 4" CYLINDER |
|-------------------|--|------------------------------------|
| KNITTING FEATURES | | patterns or selections 300 rpm |
| | | plain knit without pattern 350 rpm |
| MAXIMUM SPEED | | 350 rpm |

Above data are indicative and not binding.

DISCLAIMER: maximum speed may vary depending on yarn, knitting, lubrication etc

GAUGE

| | | GAUGE | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------|----|--------------------------|----|----|---|------------|---|------------|----|-----|----|-----|----|--------------------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|
| Model | ø | 6½ | 7 | 7½ | 8 | 8½ | 9 | 9½ | 10 | 10½ | 11 | 11½ | 12 | 12½ | 13 | 13½ | 14 | 14½ | 15 | 15½ | 16 | 16½ | 17 | 17½ | 18 | 18½ | 19 | 20 |
| GKS44 0 | 4" | 84 | 88 | 96 | | 108 112 | | 116 120 | | 132 | | 144 | | 156 | | 168 | 176 | 180 | 188 | 192 | 200 | | 216 | 220 | | | 240 | 256 |
| | | Needle thickness 1 mm | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Needle thickness 0.85 mm | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Needle thickness 0.70 mm | | | | | | | | | | | | Needle thickness 0.60 mm | | | | | | | | | | | | | | |

Above data are indicative and not binding.

DISCLAIMER:

All features in the brochure are for information only and subject to change without any prior notice.

For a complete list of available options, please contact Lonati sales network.
The Company accepts no liability for improper use of machinery.



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