

**GOAL**  
**SINGLE CYLINDER**  
**GK715H - GK716H - GK615H - GK616H**  
**GK515H - GK516H**

# SINGLE CYLINDER

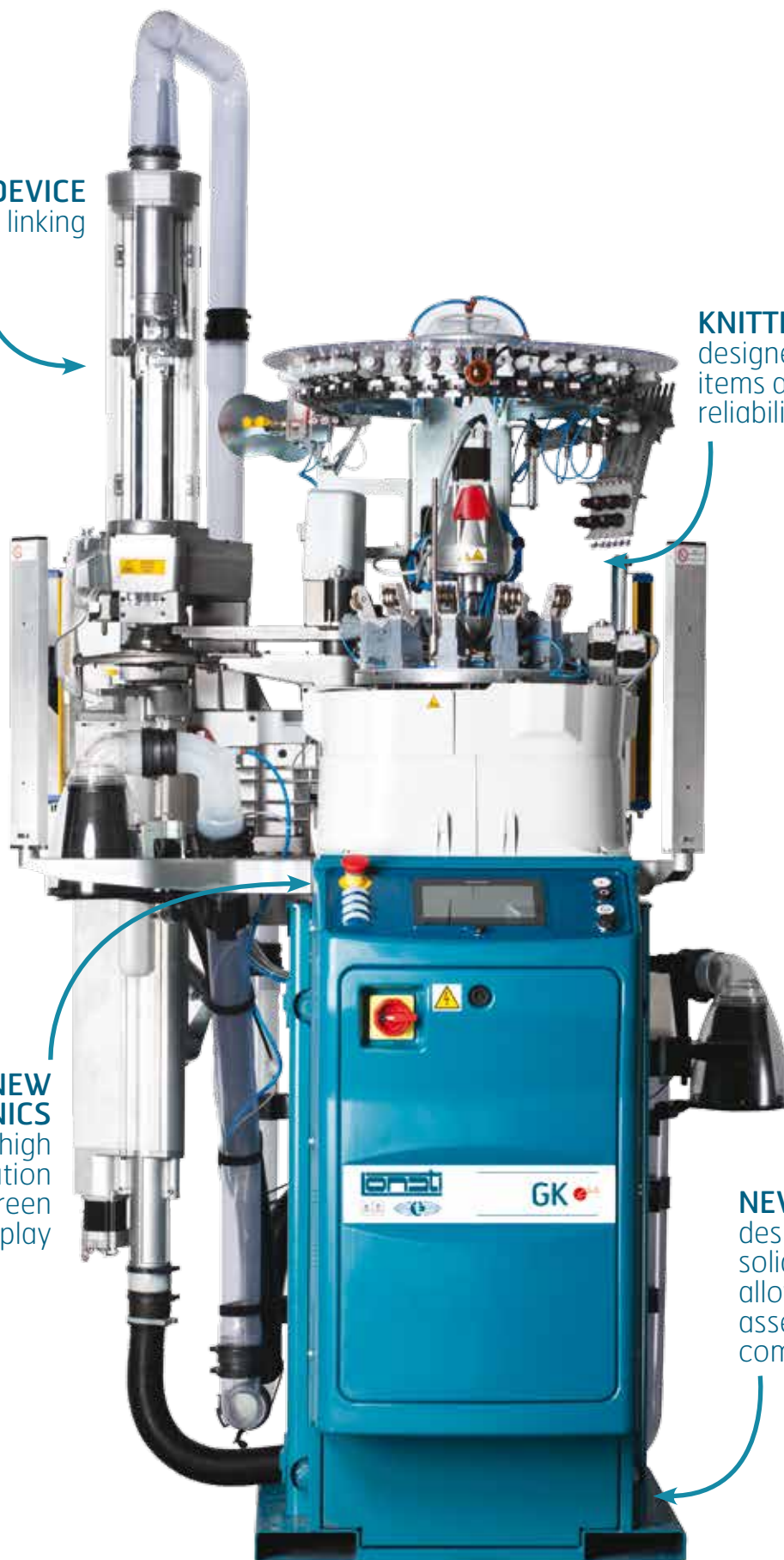
GK715H - GK716H - GK615H - GK616H - GK515H - GK516H

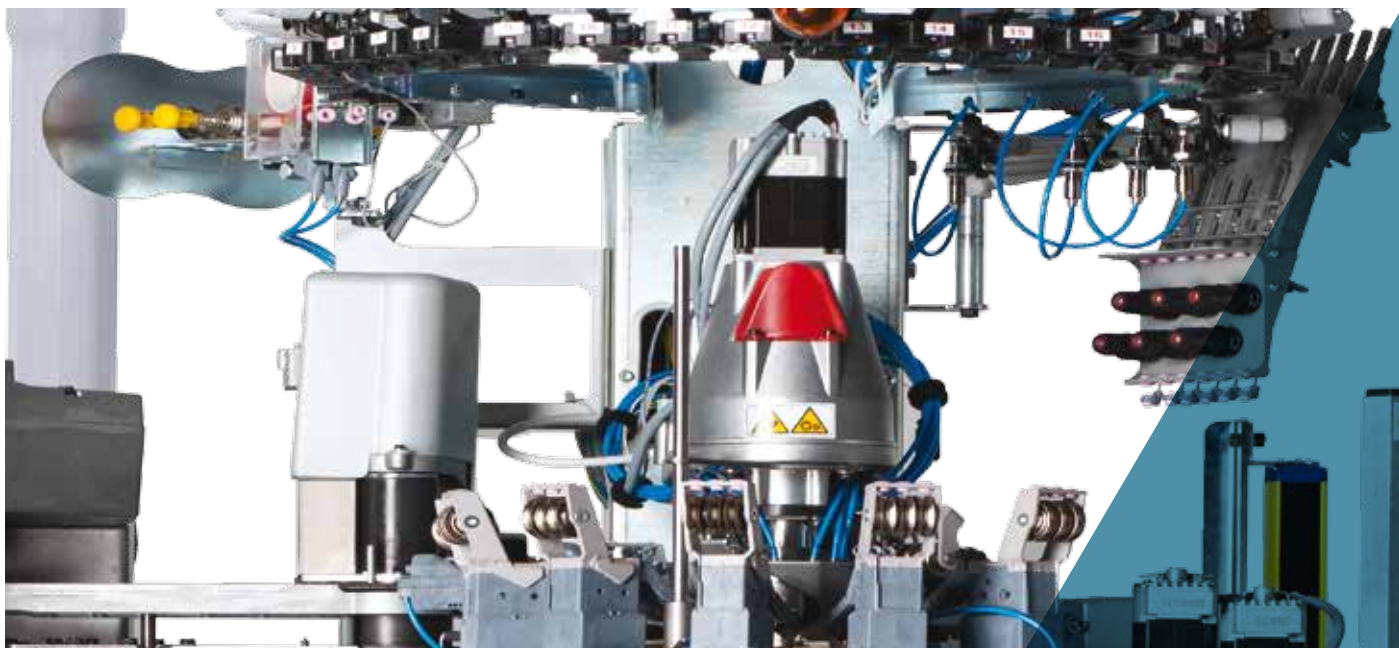
**SBYS DEVICE**  
for automatic linking

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

**NEW  
ELECTRONICS**  
with high  
resolution  
touch screen  
display

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





All images in this brochure are indicative and not binding.

# SINGLE CYLINDER

## GK715H - GK716H - GK615H - GK616H - GK515H - GK516H

1 feed machines are the best sellers of the Goal Line as, thanks to their versatility, they can produce several different items, from the very simple to the most complex, without compromising on quality and efficiency. Available in two versions, with five or six colors on course and in different diameters and numbers of needles. Automatic linking with SBYS device, performing a “real linking” technique. Advantages are remarkable: superior quality sock finishing, more comfort and resistance compared to socks made using conventional systems. 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.

- 5 or 6 colors pattern on course according to the model, plain knit
- Reciprocated heel and toe in different sizes and 3D effects
- 25 or 28 yarnfingers, according to the model
- Rising dial and finger plate with stepping motor
- Electronic actuators for needle selection, 8 or 9 according to the model
- Brushless coaxial main motor

### DIMENSIONS



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

### WEIGHT



Machine ca. 320 Kg  
Yarn creel ca. 46 Kg

### CERTIFICATION



Green  
Label

# SINGLE CYLINDER

GK715H - GK716H - GK615H - GK616H - GK515H - GK516H

## TECHNICAL FEATURES

MODEL	CYLINDER DIAMETER	GAUGE	NEEDLE THICKNESS
GK715H	3"1/2	7 1/2 to 20	0.85 - 0.70 - 0.60 mm
GK716H	3"1/2	7 1/2 to 20	0.85 - 0.70 - 0.60 mm
GK615H	3"3/4	from 9 to 20	0.85 - 0.70 - 0.60 mm
GK616H	3"3/4	from 9 to 20	0.85 - 0.70 - 0.60 mm
GK515H	4"	from 8 1/2 to 16	0.85 - 0.70 - 0.60 mm
GK516H	4"	from 8 1/2 to 16	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 feed: 1 with 2 different heights.
- High speed sinkers cap
- High resolution touch screen display
- Yarn sliding sensors guard cleaning device
- Heel yarn recover device with four positions
- 2 stepper motor controlled adjustable suction valves
- 9 yarnfingers on stitch feed
- Stepper motor controlled suction valve
- Yarn creel
- USB port
- 15 or 18 color yarnfingers, according to model
- Circular yarn cutter with mechanical stop
- 1 yarnfinger on laid-in elastic feed

## 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 elastane positive feeders
- Stitch cams on first feed with 3 different heights
- Motorized stitch cams
- Motorized sinkers cap for sinkers pressure
- Motorized sinkers cap for sinkers pressure and angular position
- Antitwist device
- Footlet device
- Inside-out sock ejection device
- Elastane extra pliers device
- Yarn recover device, 6 positions
- Yarn trimming circular cutter with adjustable speed
- Linking device inspection lamp
- Ethernet board for connection to Dinema Nautilus data collector system
- Second elastic yarn finger
- Yarn sliding control sensors, Dinema ISPY
- Pneumatic yarn tensioner for covered elastane
- Suction fan

## POSSIBLE KNITTING

The standard machine can perform the following knittings

- 5 or 6 colors pattern, according to model, plus ground, mesh, tuck and float stitch
- With laid-in elastic: 5 or 6 colors pattern, according to model, plus ground, tuck and float stitch
- With laid-in elastic: 4 or 5 colors pattern, according to model, plus ground, mesh, tuck and float stitch

## NUMBER OF COLORS

Number of colors

GK715H - GK615H - GK515H 5 colors on course plus ground  
GK716H - GK616H - GK616H 6 colors on course plus ground

## PERFORMANCES

		3" 1/2, 3" 3/4, 4" CYLINDERS
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	
GK515H	4"					108		116		128	136	144		156		168	176	180	188	192	200								
		Needle thickness 0.85 mm																											
		Needle thickness 0.70 mm														Needle thickness 0.60 mm													
GK615H	3"3/4						108	112	116	120	128	132	136	144		156	160	168		176	180	188	192	200			220		240
		Needle thickness 0.85 mm																											
		Needle thickness 0.70 mm														Needle thickness 0.60 mm													
GK715H	3"1/2			84	88	96	100		108	112	116	120	128	132		144		156		168			180		192	200			220
		Needle thickness 0.85 mm																											
		Needle thickness 0.70 mm														Needle thickness 0.60 mm													

		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	
GK516H	4"					108		116		128	136	144		156		168	176	180	188	192	200								
		Needle thickness 0.85 mm																											
		Needle thickness 0.70 mm														Needle thickness 0.60 mm													
GK616H	3"3/4						108	112	116	120	128	132	136	144		156	160	168		176	180	188	192	200			216	220	240
		Needle thickness 0.85 mm																											
		Needle thickness 0.70 mm														Needle thickness 0.60 mm													
GK716H	3"1/2			84	88	96	100		108	112	116	120	128	132		144		156		168			180		192	200			220
		Needle thickness 0.85 mm																											
		Needle thickness 0.70 mm														Needle thickness 0.60 mm													

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### 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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