

**G** **E** series

SINGLE CYLINDER

GE616D - GE516D



Lonati

# SINGLE CYLINDER

GE616D - GE516D



## KNITTING HEAD

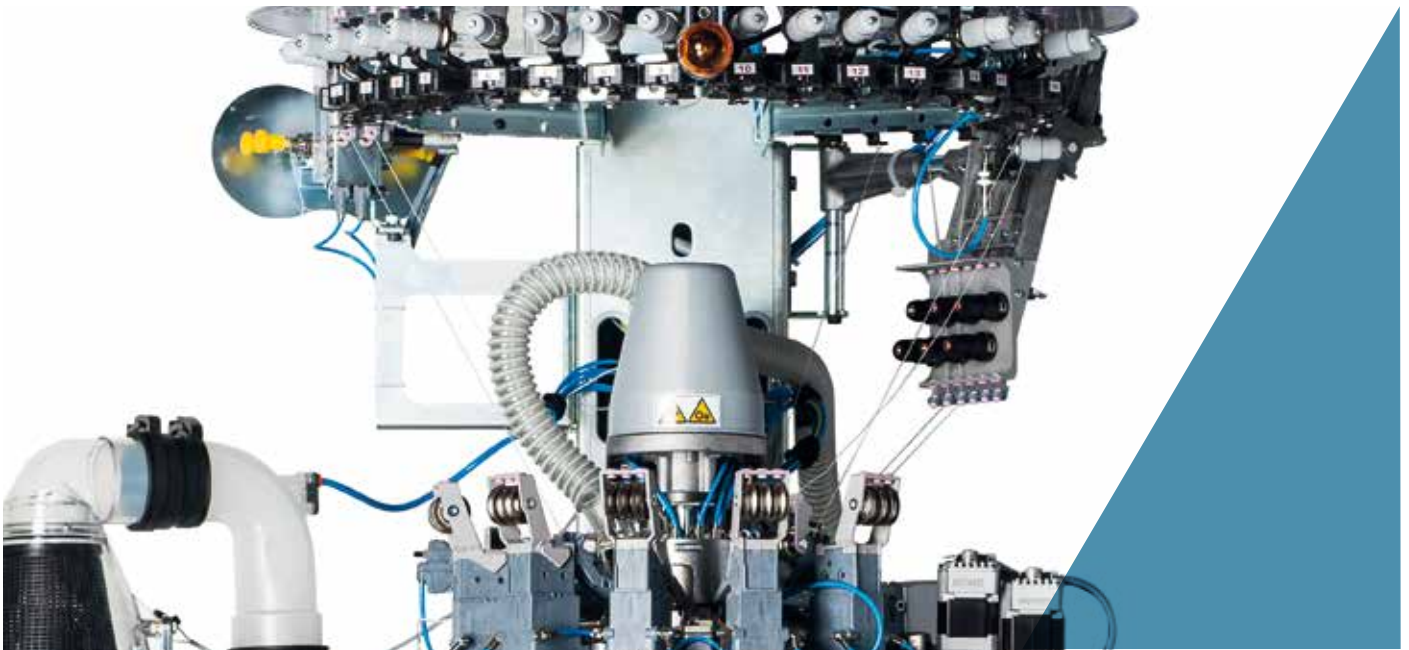
designed to knit high quality items and ensure constant reliability over time

## SINKERS CAP

selected terry

## NEW ELECTRONICS

9" high resolution touch screen display. New user friendly interface. Ethernet, WiFi, NFC connections, Bluetooth is also available for future developments



All images in this brochure are indicative and not binding.

## SINGLE CYLINDER GE616D - GE516D

1 feed machines are the best sellers of the single cylinder for men's socks series 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 different diameters and numbers of needles. New 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.

- 6 colors pattern on course, selected terry or plain knit. selected terry also on reciprocating areas
- Reciprocated heel and toe in different sizes and 3D effects
- Yarnfingers: 28 or 29 depending on the model
- Rising dial and finger plate with stepping motor
- 9 electronic actuators for needle selection plus 1 electronic actuator for sinker selection
- Brushless coaxial main motor

### MACHINE DIMENSIONS



Lenght max 94.5 cm  
Depth max 103.3 cm  
Height max 180 cm

### MACHINE WEIGHT



ca. 230 Kg

# SINGLE CYLINDER

## GE616D - GE516D

### TECHNICAL DATA

MODEL	CYLINDER DIAMETER	GAUGE	NEEDLE THICKNESS
GE616D	3"3/4	7 to 17	0.85 - 0.70 - 0.60 mm
GE516D	4"	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 3 different heights.
- Selected terry motorized sinkers cap for sinker pressure and angular position
- 9" high resolution touch screen display
- Yarn sliding sensors guard cleaning device
- Heel yarn recover device with four positions
- 9 yarnfingers on stitch feed
- Yarn creel
- USB port
- 18 color yarnfingers
- Circular yarn cutter with mechanical stop
- 1 yarnfinger on laid-in elastic feed
- Stepper motor controlled adjustable suction valve

### MAIN OPTIONAL DEVICES

- LGL Eco Power or Eco Compact yarn storage feeder, also available with "Attivo" electronic brake version
- Dinema GRYF positive yarn feeders
- Elastic yarn positive feeders, for compression socks
- Dinema Plus elastane positive feeders
- Motorized stitch cams
- Antitwist device
- Footlet device
- G-Flot device
- G-Flot 2 device
- Elastane extra tweezers device
- Yarn recover device, 6 positions
- Yarn trimming circular cutter with adjustable speed
- Led inspection lamps
- Preparation for storage feeder "Unifeeder 2" by BTR
- Ethernet board for connection to Dinema Nautilus data collector system
- Second elastic yarnfinger
- Yarn sliding control sensors, Dinema ISPY
- Pneumatic yarn tensioner for covered elastane
- Suction fan

### POSSIBLE KNITTING

The standard machine can perform the following knittings

- 6 colors pattern plus ground color, mesh, tuck and float stitch, plain knit or terry
- With laid-in elastic: 6 colors pattern plus ground color, tuck and float stitch, plain knit or plating selected terry
- With laid-in elastic: 5 colors pattern plus ground color, mesh, tuck and float stitch, plain knit or plating selected terry

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### NUMBER OF COLORS

Number of colors	6 on course plus ground
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### PERFORMANCES

	3" 3/4 4" CYLINDERS
KNITTING FEATURES	Patterns or selections or terry 250 rpm Plain knit sinker cap 250 rpm
MAXIMUM SPEED	250 rpm

Above data are indicative and not binding.

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

### GAUGE

Model	ø	GAUGE																						
		6½	7	7½	8	8½	9	9½	10	10½	11	11½	12	12½	13	13½	14	14½	15	15½	16	16½	17	
GE516D	4"	84	88	96		108 112		116 120		128 132	136	144		156 160		168	176	180	188	192	200			
		Needle thickness 0.85 mm																						
		Needle thickness 0.70 mm										Needle thickness 0.70 mm												
																Needle thickness 0.60 mm								
GE616D	3"3/4	84	88	96		108	112	116	120 128	132	136	144		156	160	168		176	180	188	192	200		
		Needle thickness 0.85 mm																						
		Needle thickness 0.70 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.

Lonati is recommending needles from  
**GROZ-BECKERT®**

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## NOISE LEVEL (Maximum noise output for GE series models)

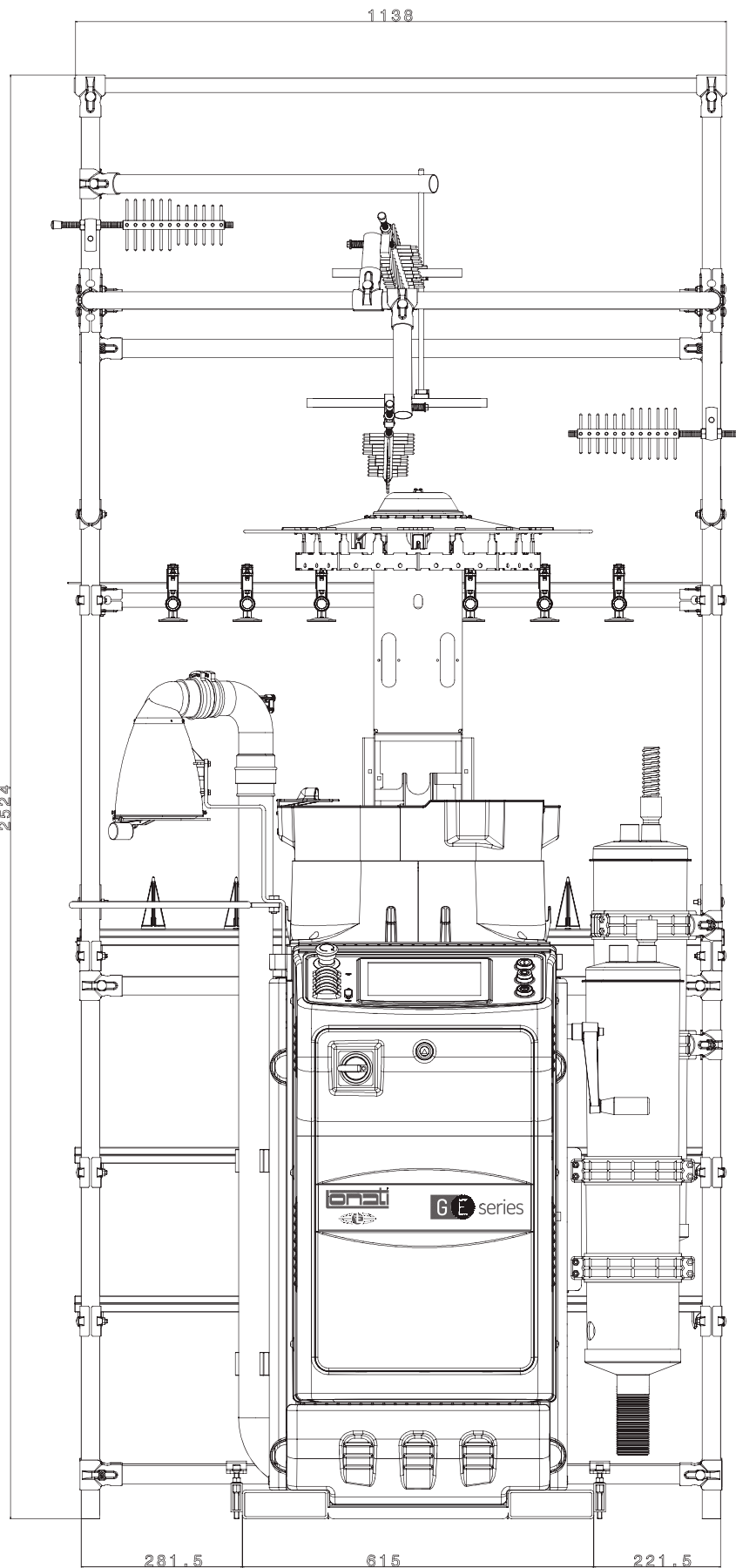
Noise pressure level on reference surface = LPA 79,5 dB - Noise power level = LWA 96,6 dB - Peak= 109,3 dB

## LUBRICANTS

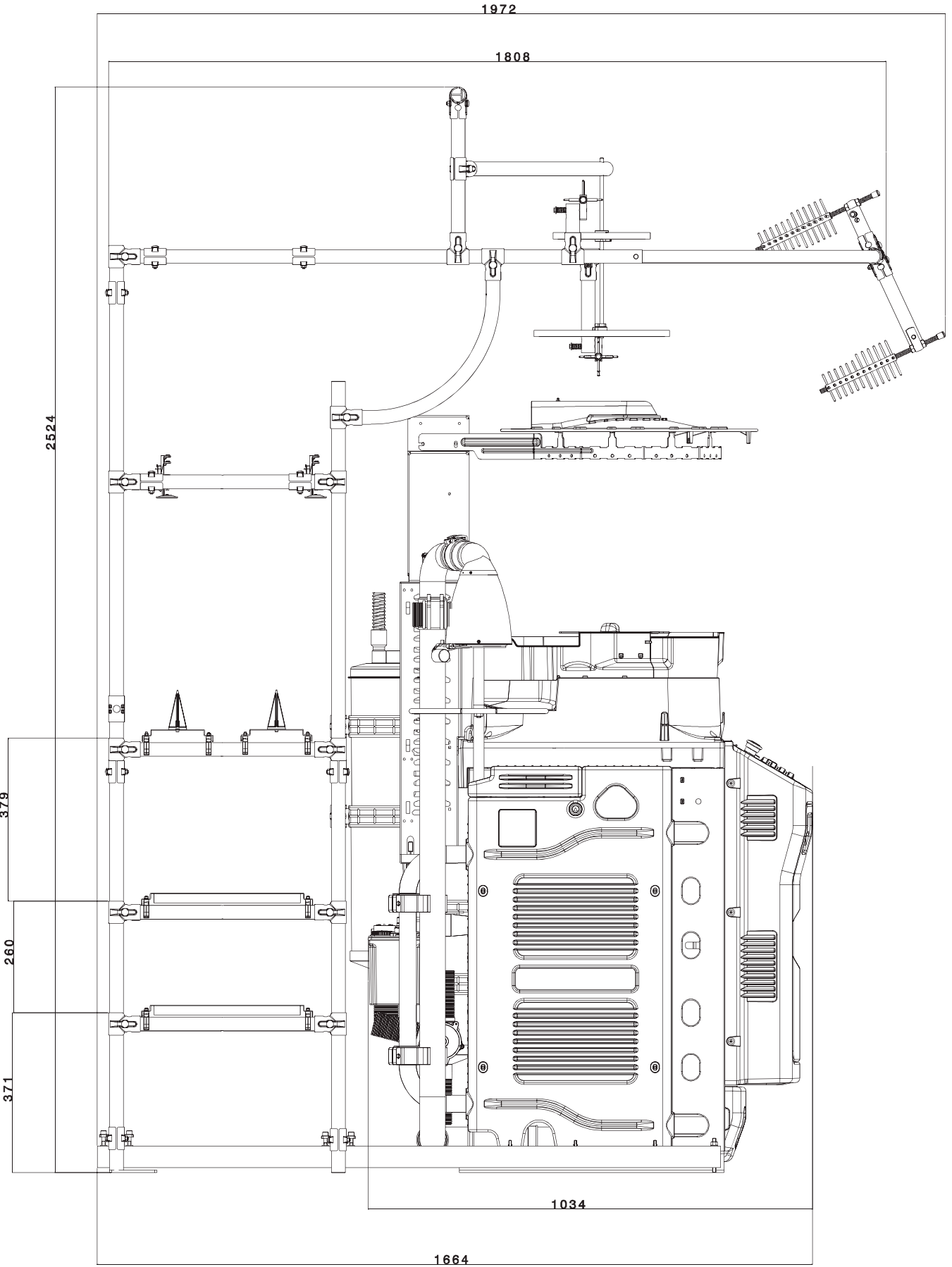
Average consumption for 100 dozens= 270 gr. Lonati recommends: Kluber Madol 183 Supreme - Fuchs Renolin Trax 16C - VICKERLUBE SOCK 46

## GREASE

For seals, bearings etc: Lonati recommends: TechnolubeSeals Damping grease Nyogel 774F-1



DESCRIPTION	CODE	NR. OF REELS	WEIGHT KG.	NOTES
Yarn creel	G3930706	23	20	Standard version
Yarn creel	G3930707	23	20	Version with BTSR sensors



DESCRIPTION	CODE	NR. OF REELS	WEIGHT KG.	NOTES
Yarn creel	63930706	23	20	Standard version
Yarn creel	63930707	23	20	Version with BTSR sensors



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