

# GOAL

## SINGLE CYLINDER

GK715S - GK716S - GK615S - GK616S - GK516S



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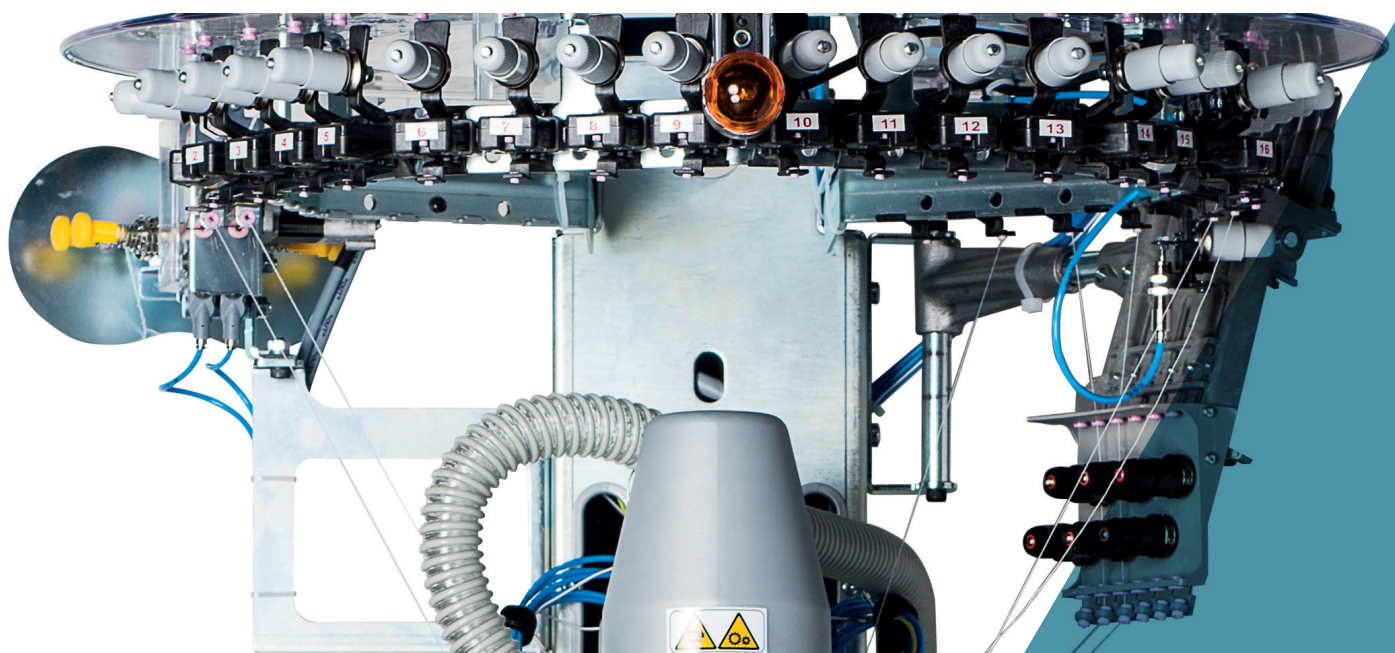


**KNITTING HEAD**  
designed to knit high quality  
items and ensure constant  
reliability over time

**SINKERS CAP**  
standard terry or plating

**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

### GK715S - GK716S - GK615S - GK616S - GK516S

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 a course and in different diameters and 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.

- 5 or 6 colors pattern on course according to model, plain knit or terry
- Reciprocated heel and toe in different sizes and 3D effects
- 20 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

#### MACHINE DIMENSIONS



Length max 94.5 cm  
Depth max 103.3 cm  
Height max 180 cm

#### MACHINE WEIGHT



ca. 230 Kg

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## TECHNICAL DATA

MODEL	CYLINDER DIAMETER	GAUGE	NEEDLE THICKNESS
GK715S	3 1/2	6 1/2 to 14	0.85 - 0.70 - 0.60 mm
GK716S	3 1/2	6 1/2 to 14	0.85 - 0.70 - 0.60 mm
GK615S	3 3/4	7 to 17	0.85 - 0.70 - 0.60 mm
GK616S	3 3/4	7 to 17	0.85 - 0.70 - 0.60 mm
GK516S	4"	6 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 (GK516S GK616S GK716S only)
- Stitch cam feeds: 1 with 3 different heights.
- Motorized sinkers cap for sinker pressure and angular position
- 10 or 18 color yarnfingers, depending on the model
- 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
- 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
- Dinema YoYo 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
- 3 yarnfingers color group (on GK615S GK715S only)
- Preparation for storage feeder "Unifeeder 2" by B TSR
- 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

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

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## GK715S - GK716S - GK615S - GK616S - GK516S



### NUMBER OF COLORS

Number of colors	GK715S - GK615S 5 on course plus ground GK716S - GK616S - GK516S 6 on course plus ground
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### PERFORMANCES

KNITTING FEATURES	3" 1/2 3" 3/4 4" CYLINDERS
	Patterns or selections 300 rpm
	Plain knit without pattern, high speed sinker cap 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
GK615S	3”3/4		84	88	96		108	112	116	120 128	132		144		156	160	168		176	180	188	192	200
		Needle thickness 0.85 mm																					
		Needle thickness 0.70 mm																		Needle thickness 0.60 mm			
GK715S	3”1/2	72		84	88	96	100		108 112	116	120	128	132		144		156						
		Needle thickness 0.85 mm																					
		Needle thickness 0.70 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	
GK516 S	4"	84	88	96		108 112		116 120		128 132	136	144		156 160		168	176	180	188	192	200			
		Needle thickness 1 mm																						
		Needle thickness 0.85 mm																						
		Needle thickness 0.70 mm											Needle thickness 0.70 mm						Needle thickness 0.60 mm					
GK616 S	3"3/4		84	88	96		108	112	116	120 128	132		144		156	160	168		176	180	188	192	200	
		Needle thickness 0.85 mm																						
		Needle thickness 0.70 mm																		Needle thickness 0.60 mm				
GK716 S	3"1/2	72		84	88	96	100		108 112	116	120	128	132		144		156							
		Needle thickness 0.85 mm																						
		Needle thickness 0.70 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 GK series models)

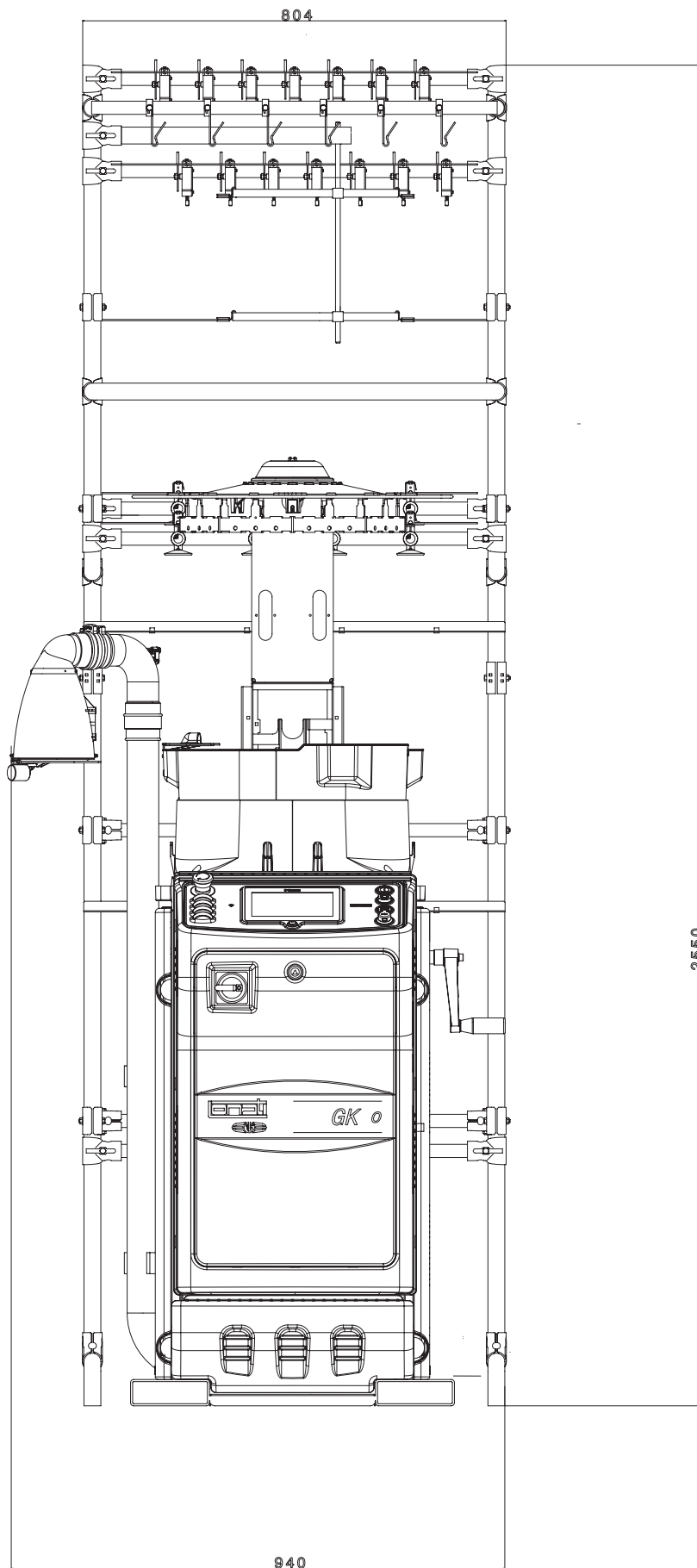
Noise pressure level on reference surface = LPA 79,5 dB - Noise power level = LWA 96,6 dB - Peak= 109,3 dB

## LUBRICANTS

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

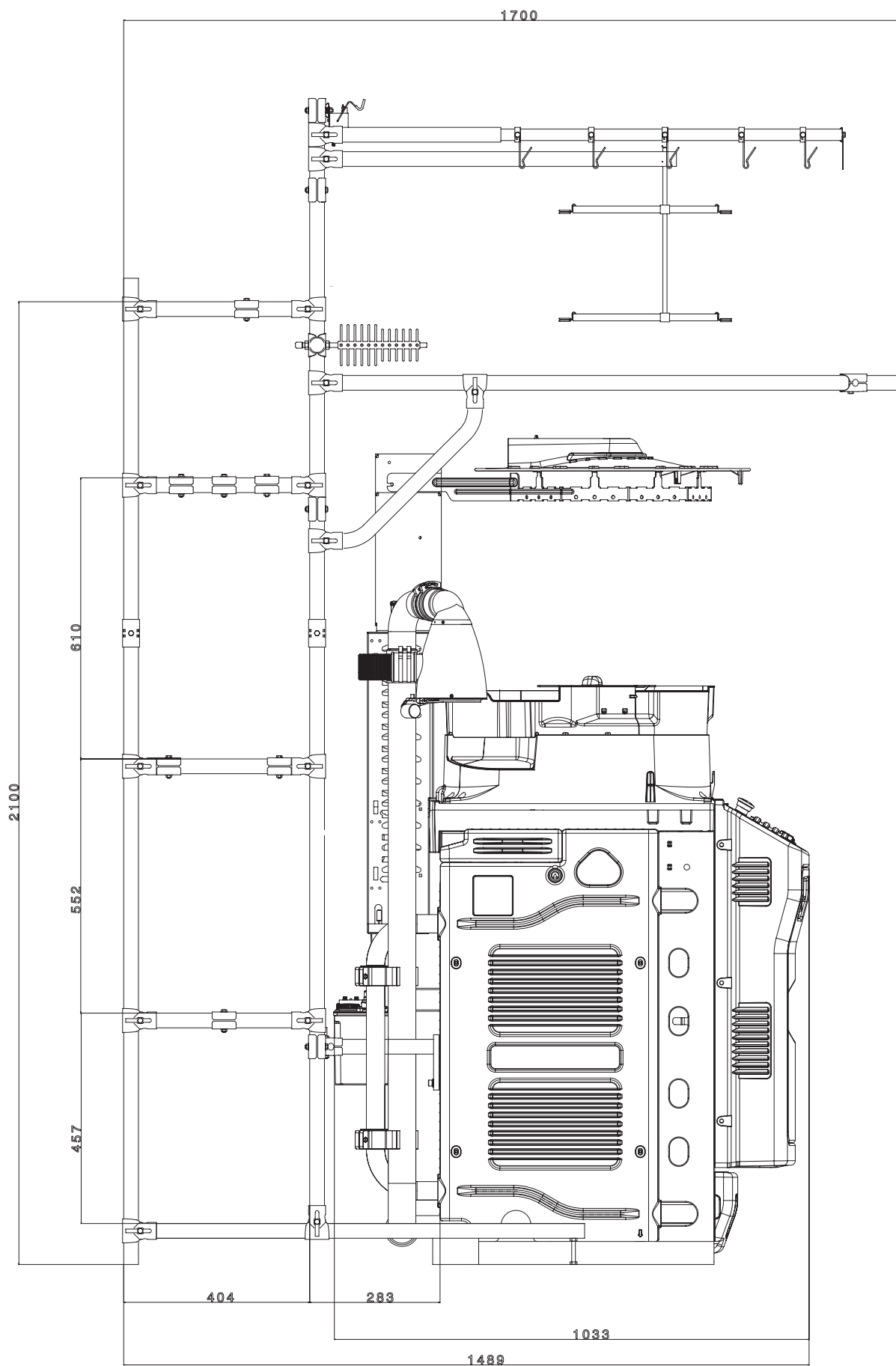
## GREASE

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

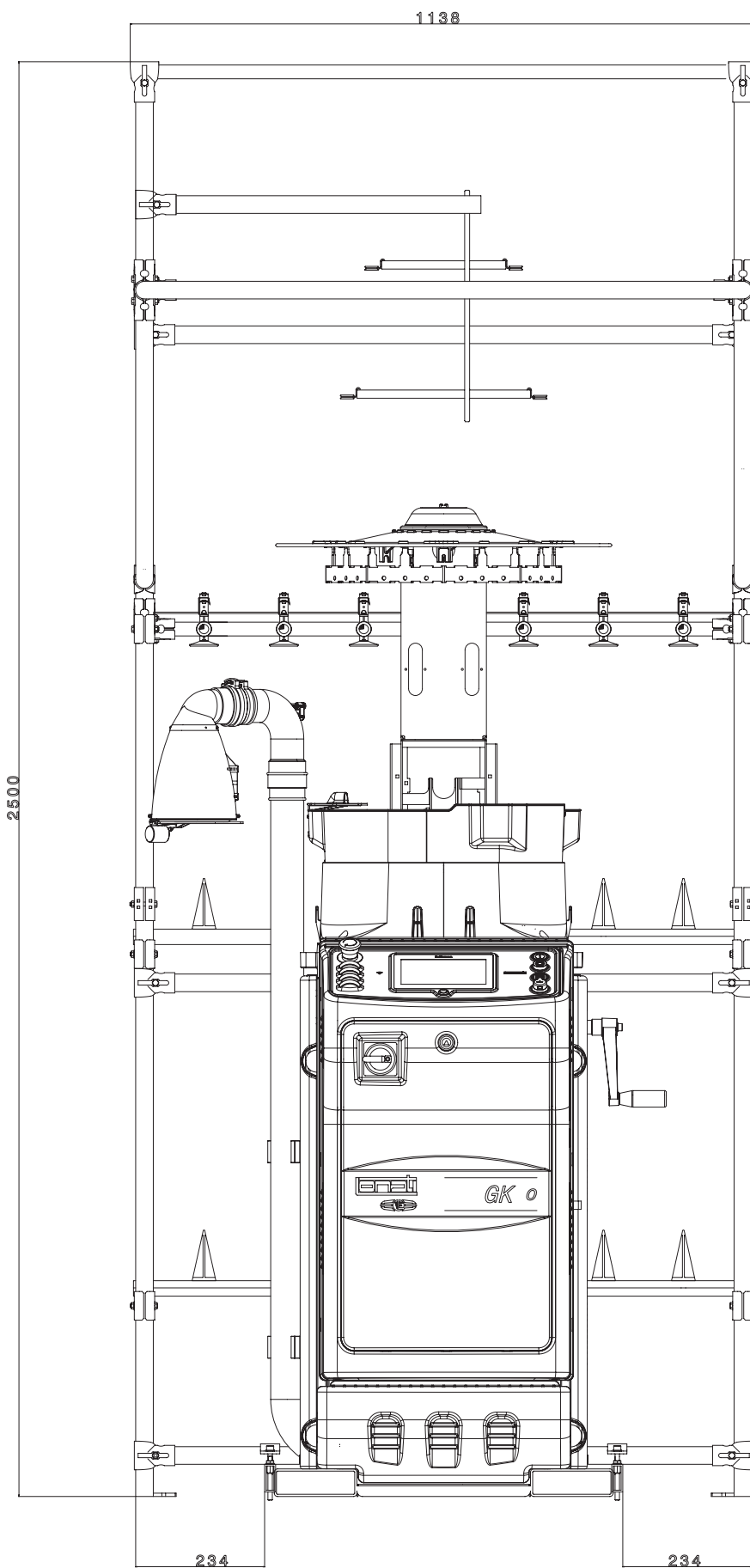


DESCRIPTION	CODE	NR. OF REELS	WEIGHT KG.	NOTES
Yarn creel	G1930040	28	20	Standard version
Yarn creel	G1930041	28	20	Version with BTR sensors

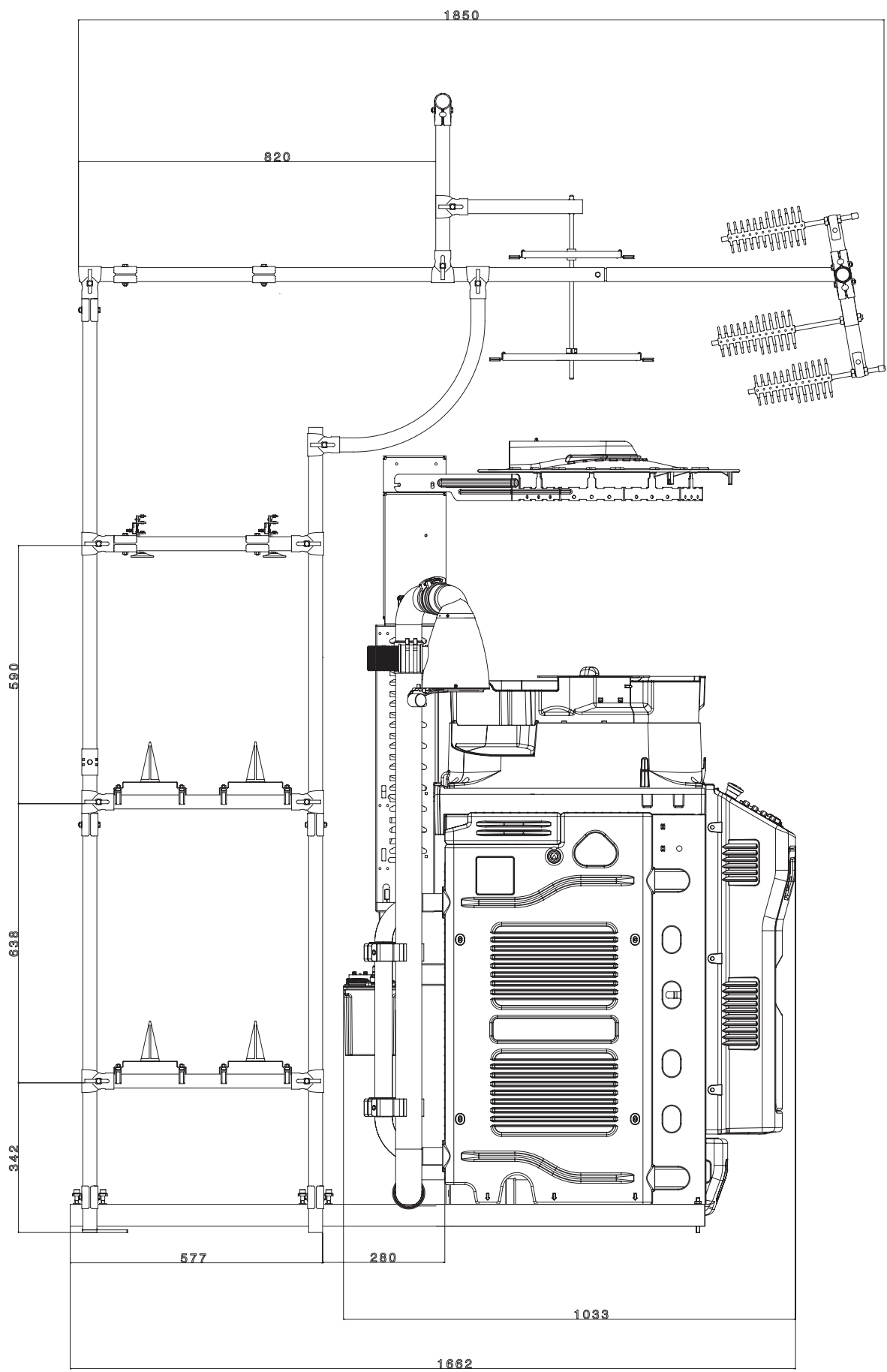




DESCRIPTION	CODE	NR. OF REELS	WEIGHT KG.	NOTES
Yarn creel	G1930040	28	20	Standard version
Yarn creel	G1930041	28	20	Version with BTSR sensors



DESCRIPTION	CODE	NR. OF REELS	WEIGHT KG.	NOTES
Yarn creel	G3930061	28	51	Standard version
Yarn creel	G3930062	28	51	Version with BTSR sensors



DESCRIPTION	CODE	NR. OF REELS	WEIGHT KG.	NOTES
Yarn creel	G3930061	28	51	Standard version
Yarn creel	G3930062	28	51	Version with BTSR sensors







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