

GOAL

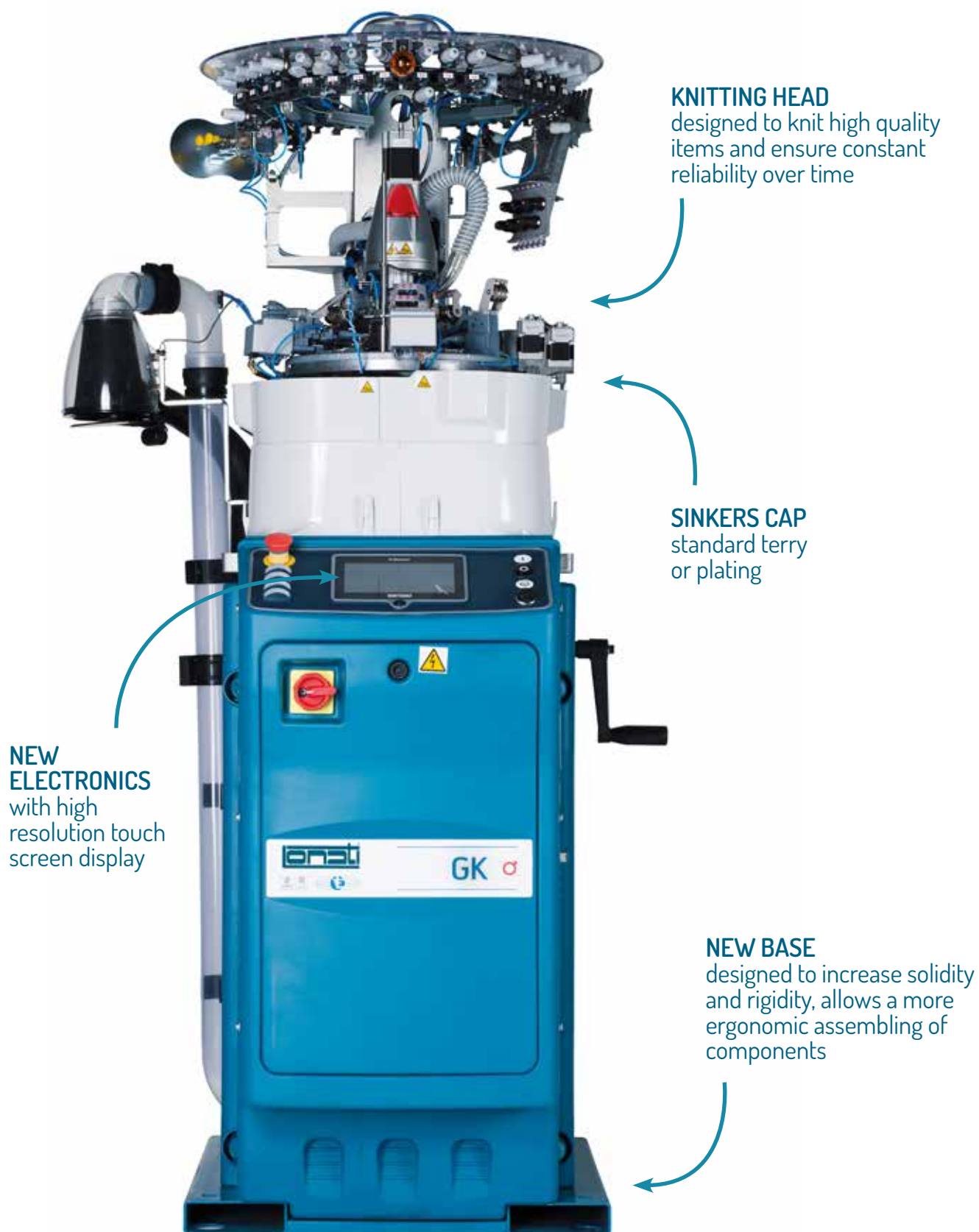
SINGLE CYLINDER

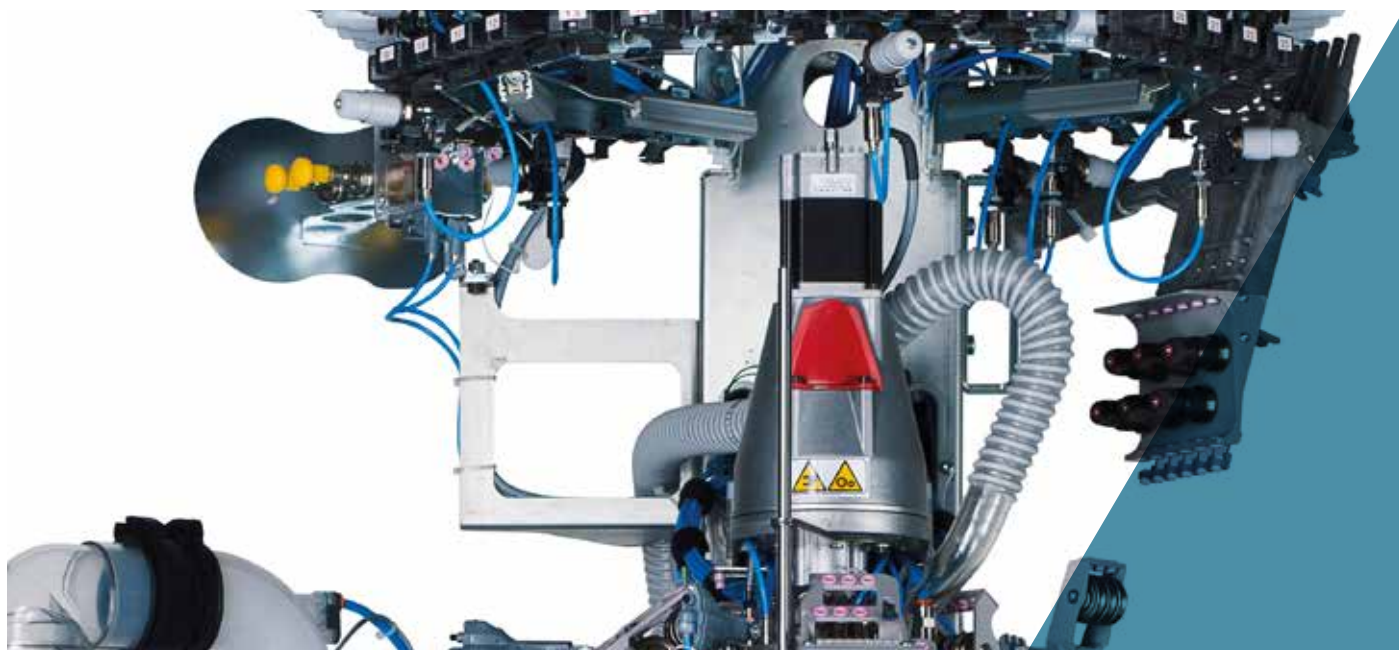
GK544S



SINGLE CYLINDER

GK544S





All images in this brochure are indicative and not binding.

SINGLE CYLINDER GK544S

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

MACHINE DIMENSIONS



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

MACHINE WEIGHT



ca. 230 Kg

SINGLE CYLINDER

GK544S

TECHNICAL DATA

MODEL	CYLINDER DIAMETER	GAUGE	NEEDLE THICKNESS
GK544S	4"	from 8 1/2 to 13 1/2	1.00 - 0.85 - 0.70 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 3 different heights.
- Motorized sinkers cap for sinker pressure and angular position
- 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 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
- Recover yarn device, 6 positions
- Yarn trimming circular cutter with adjustable speed
- Dial with 5 pliers for bare or coated elastane
- Preparation for storage feeder "Unifeeder 2" by BTSR
- 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, plain knit or terry
- 3 colors pattern plus ground color, mesh, tuck and float stitch, 1 feed, plain knit or terry
- With laid-in elastic: 2 colors pattern plus ground color, tuck and float stitch, 1 feed, plain knit or terry
- With laid-in elastic: 2 colors pattern plus ground color, mesh, tuck and float stitch, 1 feed, plain knit or terry
- Tuck and float stitch, jacquard, 4 feeds, plain knit or terry
- Elastic on 2 feeds, plain knit and terry
- Mesh on 2 feeds, plain knit and terry

SINGLE CYLINDER

GK544S



NUMBER OF COLORS

Number of colors	4 colors on course plus ground color, one feed
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PERFORMANCES

	4" CYLINDER
KNITTING FEATURES	Patterns or selections or terry 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	
GK544S	4"	84	88	96		108 112		116 120		132		144		156		168	176	
		Needle thickness 1 mm																
		Needle thickness 0.85 mm																
		Needle thickness 0.70 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.

Lonati is recommending needles from
GROZ-BECKERT®

SINGLE CYLINDER

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NOISE LEVEL (Maximum noise output for GK series models)

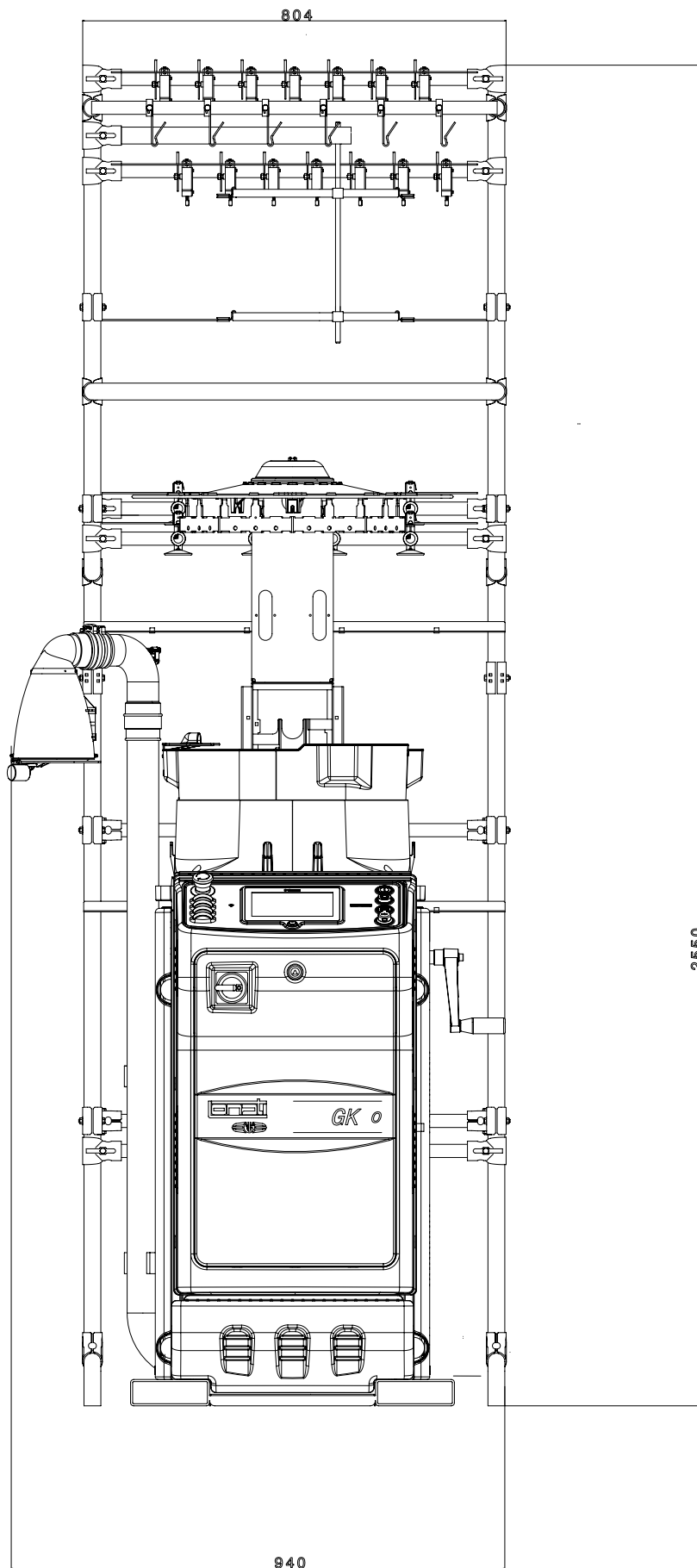
Noise pressure level on reference surface = LPA 79,5 dB - Noise power level = LWA 96,6 dB - Peak= 109,3 dB

LUBRICANTS

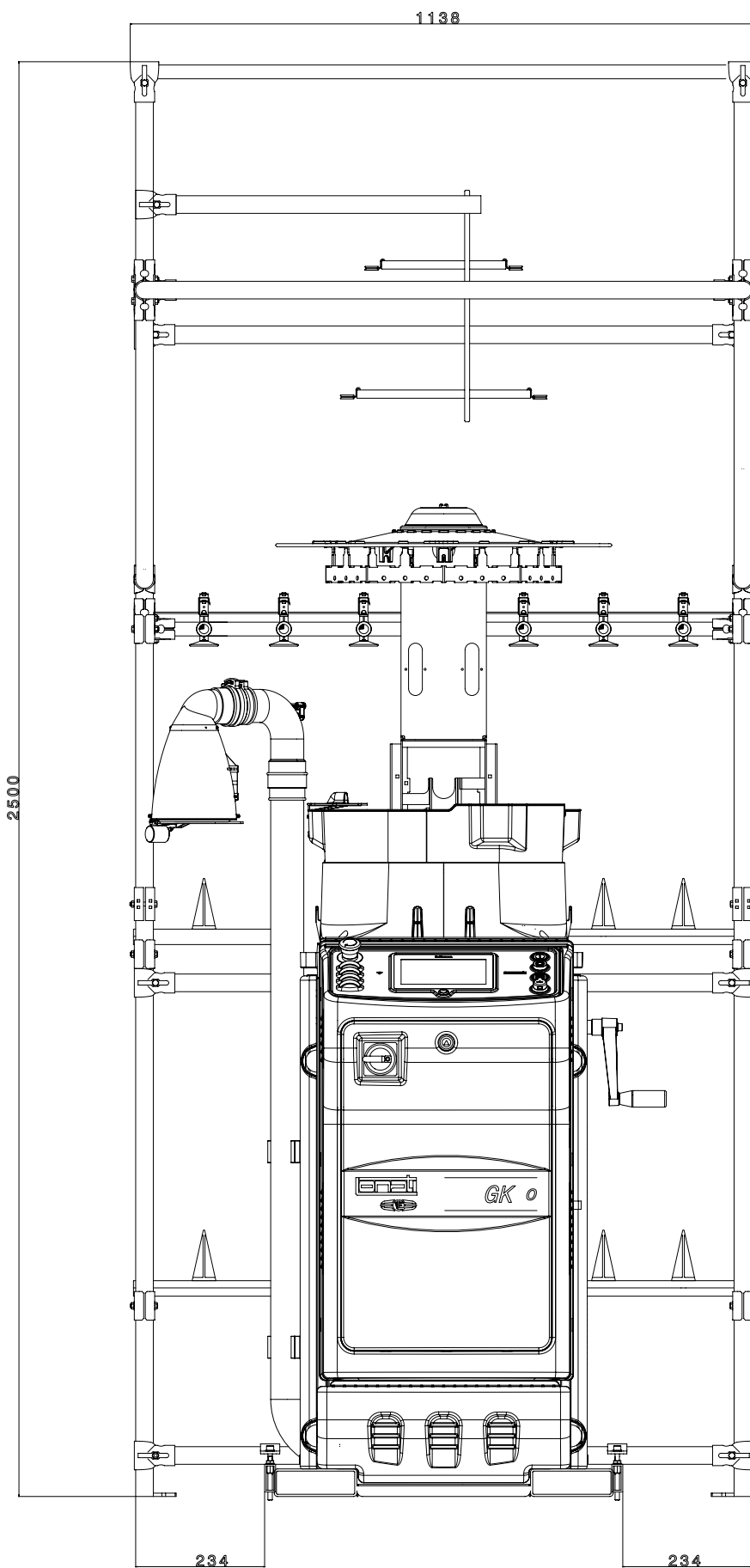
Average consumption for 100 dozens= 270 gr. Lonati recommends: Kluber Madol 183 Supreme - Fuchs Trax 16C

GREASE

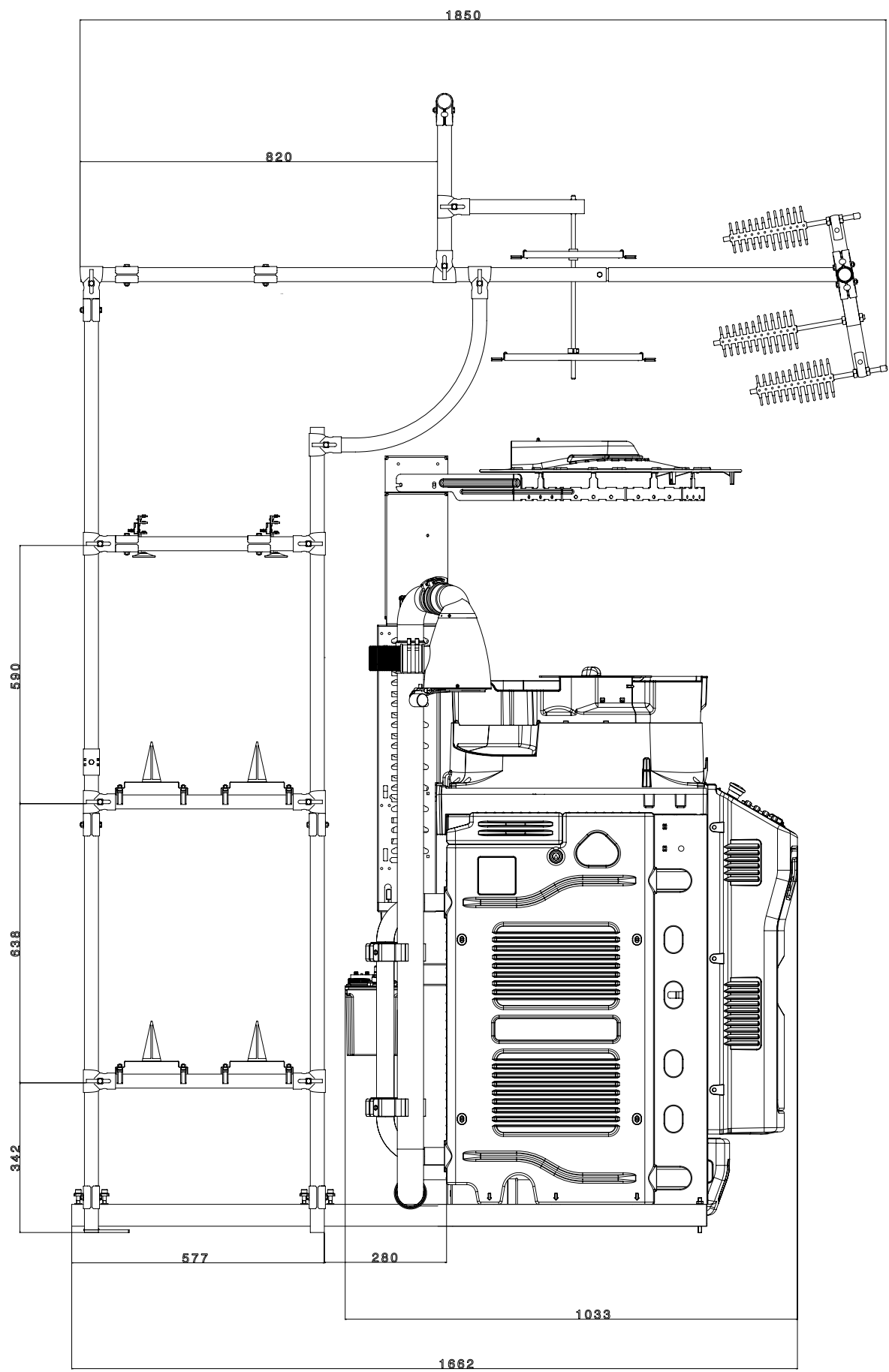
For seals, bearings etc: Lonati recommends: TechnolubeSeals Damping grease Nyogel 774F-1



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

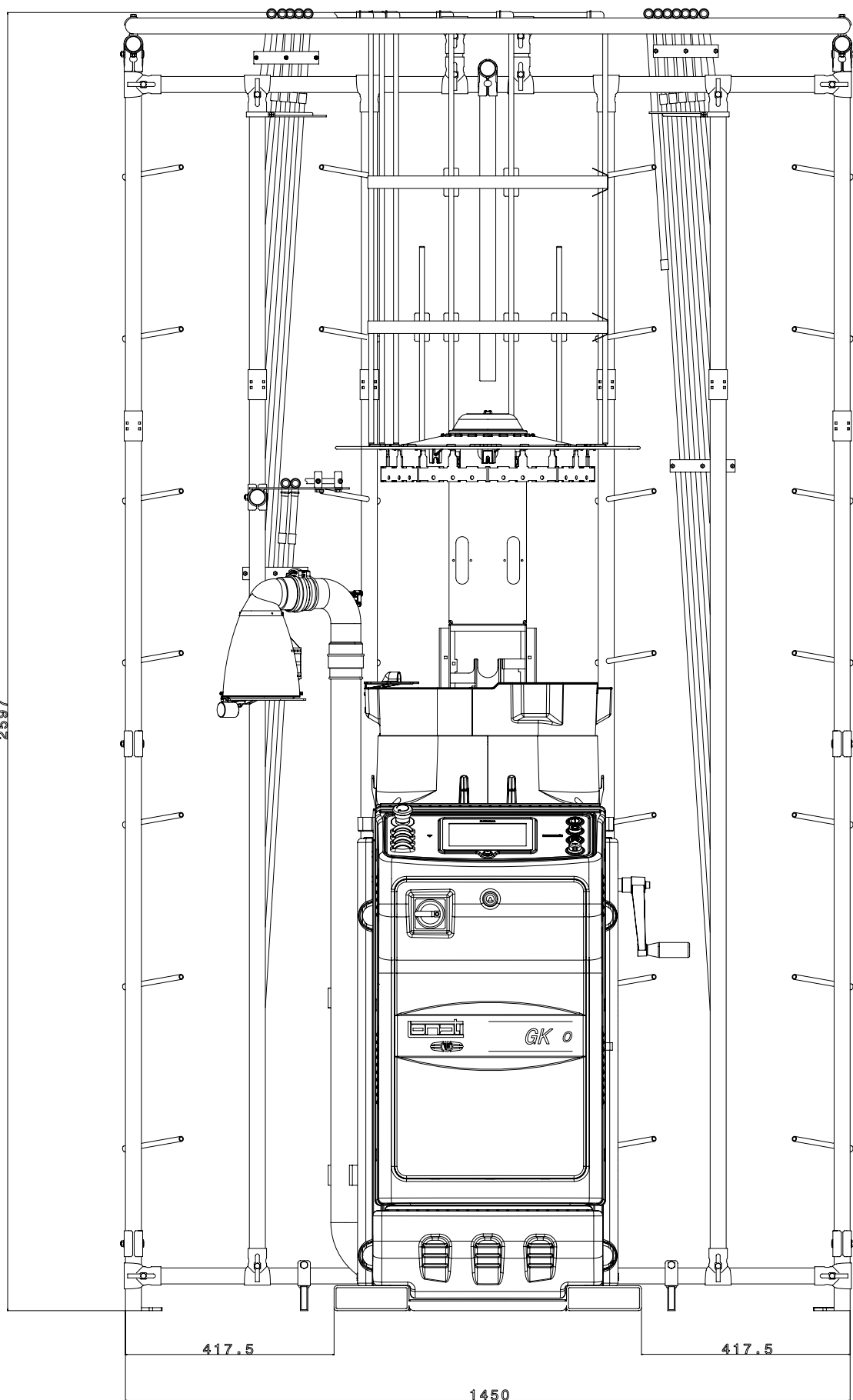


DESCRIPTION	CODE	NR. OF REELS	WEIGHT KG.	NOTES
Yarn creel	G3930061	28	51	Standard version
Yarn creel	G3930062	28	51	Version with BTSR sensors

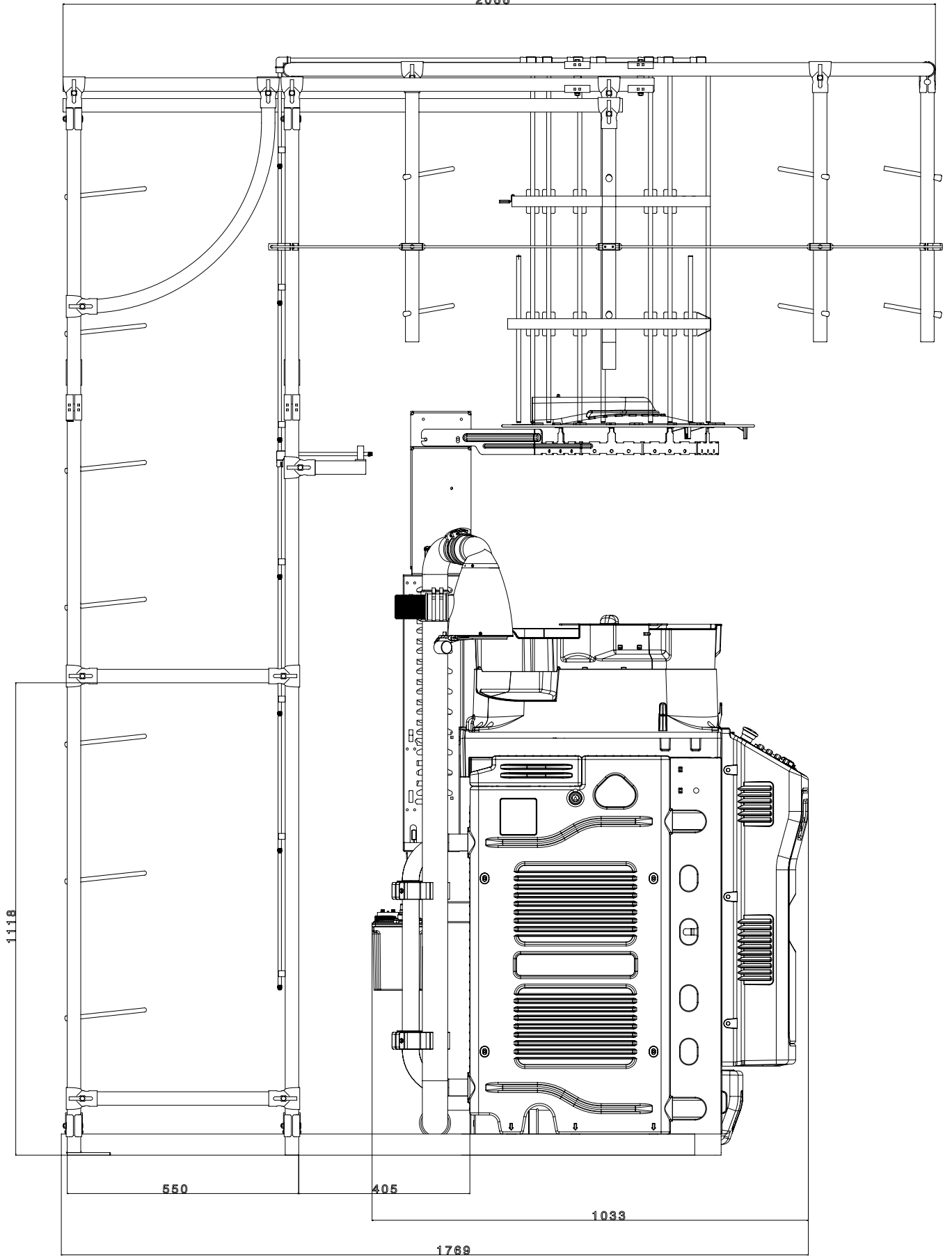


DESCRIPTION	CODE	NR. OF REELS	WEIGHT KG.	NOTES
Yarn creel	G3930061	28	51	Standard version
Yarn creel	G3930062	28	51	Version with BTSR sensors

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DESCRIPTION	CODE	NR. OF REELS	WEIGHT KG.	NOTES
Yarn creel	G1930213	52	65	-



DESCRIPTION	CODE	NR. OF REELS	WEIGHT KG.	NOTES
Yarn creel	G1930213	52	65	-





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