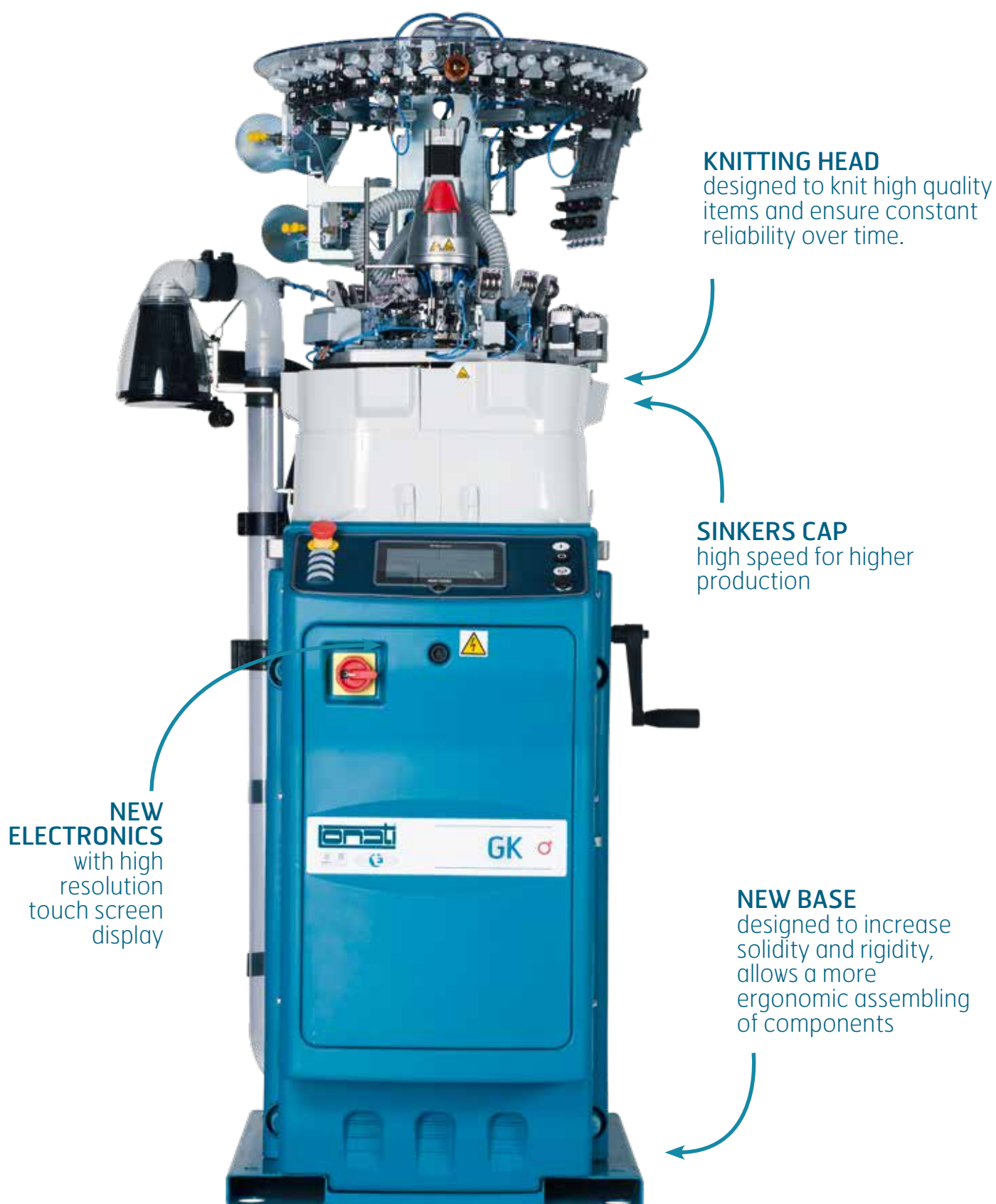


GOAL SINGLE CYLINDER GK523 0



SINGLE CYLINDER

GK523 0



KNITTING HEAD

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

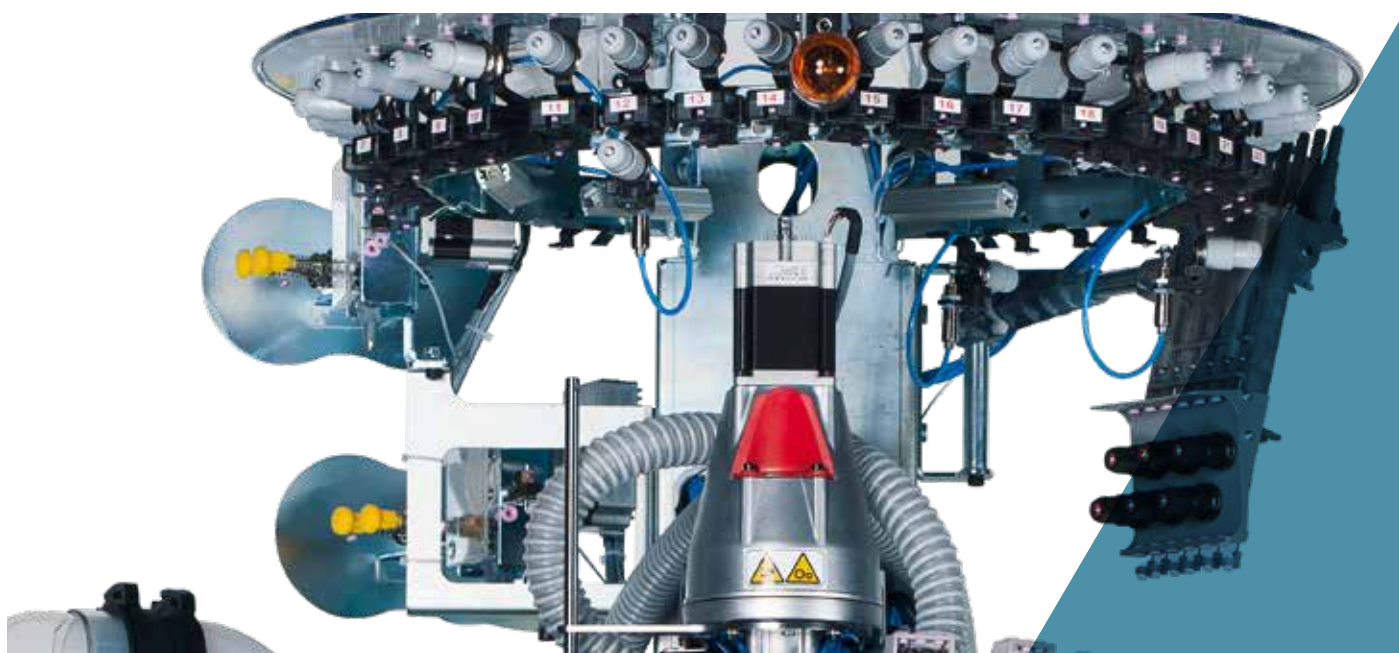
SINKERS CAP

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



All images in this brochure are indicative and not binding.

SINGLE CYLINDER GK523 O

A new machine for 2 feeds items with 3 colors pattern. 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.

- 3 colors pattern with 2 feeds, plain knit
- Reciprocated heel and toe in different sizes and 3D effects
- 36 yarn fingers
- Rising dial and finger plate with stepping motor
- 10 electronic actuators for needle selection
- Brushless coaxial main motor

MACHINE DIMENSIONS



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

MACHINE WEIGHT



ca. 230 Kg

SINGLE CYLINDER

GK523 0

TECHNICAL DATA

MODEL	CYLINDER DIAMETER	GAUGE	NEEDLE THICKNESS
GK523 0	4"	from 6 1/2 to 20	0.85 - 0.70 - 0.60 mm

Above data are indicative and not binding.

STANDARD DEVICES

- Stepper motor electric dial with adjustable height
- Motorized stitch cams
- Motorized sinker 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
- 2 yarn fingers for laid-in elastic
- 9 yarn fingers on both stitch feed
- Yarn creel
- USB port
- 16 color yarn fingers
- 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
- Antitwist device
- Footlet device
- Elastane extra pliers device, feed 1 and 2
- Recover yarn device, 6 positions
- Yarn trimming circular cutter with adjustable speed
- Preparation for storage feeder "Unifeeder 2" by BTSR
- Ethernet board for connection to Dinema Nautilus data collector system
- Yarn sliding control sensors, Dinema ISPY
- Pneumatic yarn tensioner for covered elastane
- Suction fan

POSSIBLE KNITTING

The standard machine can perform the following knittings

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

SINGLE CYLINDER

GK523 0

NUMBER OF COLORS

Number of colors

3 colors on course plus ground color, two feeds

PERFORMANCES

	4" CYLINDERS
KNITTING FEATURES	Patterns or selections or terry 300 rpm
MAXIMUM SPEED	300 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
GK523 0	4"	84	88	96		108 112		116 120		128 132	136	144		156 160		168	176	180	188	192	200		216	220			240	256
		Spessore ago 0.85 mm																										
		Spessore ago 0.70 mm											Spessore ago 0.70 mm					Spessore ago 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.

SINGLE CYLINDER GK523 0

ELECTRIC POWER CONSUMPTION

With program for medium length socks.

MACHINE MODEL	CONSUMPTION kWh
GK523 0	0.45 - 0.50

COMPRESSED AIR CONSUMPTION

Gauge pressure 6,5 bar humidity 0% and dryer outlet temperature 18°C-21°C.

MACHINE MODEL	CYCLE TIME	CONSUMPTION FOR SOCK	CONSUMPTION PER MINUTE
GK523 0	2'45"	NI 11 - ft ³ 0.388	NI 4 - Cfm 0.141

SUCTION CONSUMPTION

Cylinder suction value = 850 mm/H2O - Holding yarns nozzle suction value = 850mm/H2O - Average consumption = 2.5 m³/min.

NOISE LEVEL (Maximum noise output for GK series models)

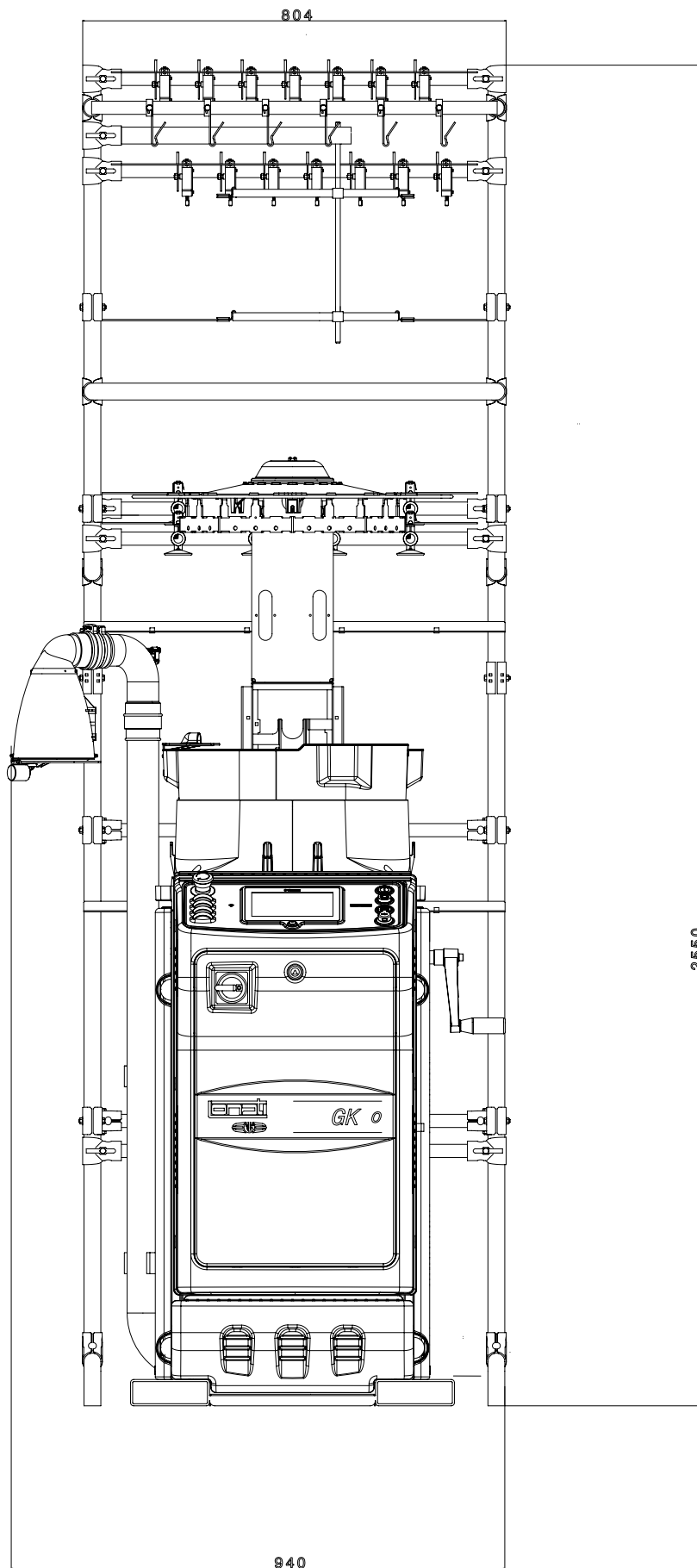
Noise pressure level on reference surface = LPA 79,5 dB - Noise power level = LWA 96,6 dB - Peak= 109,3 dB

LUBRICANTS

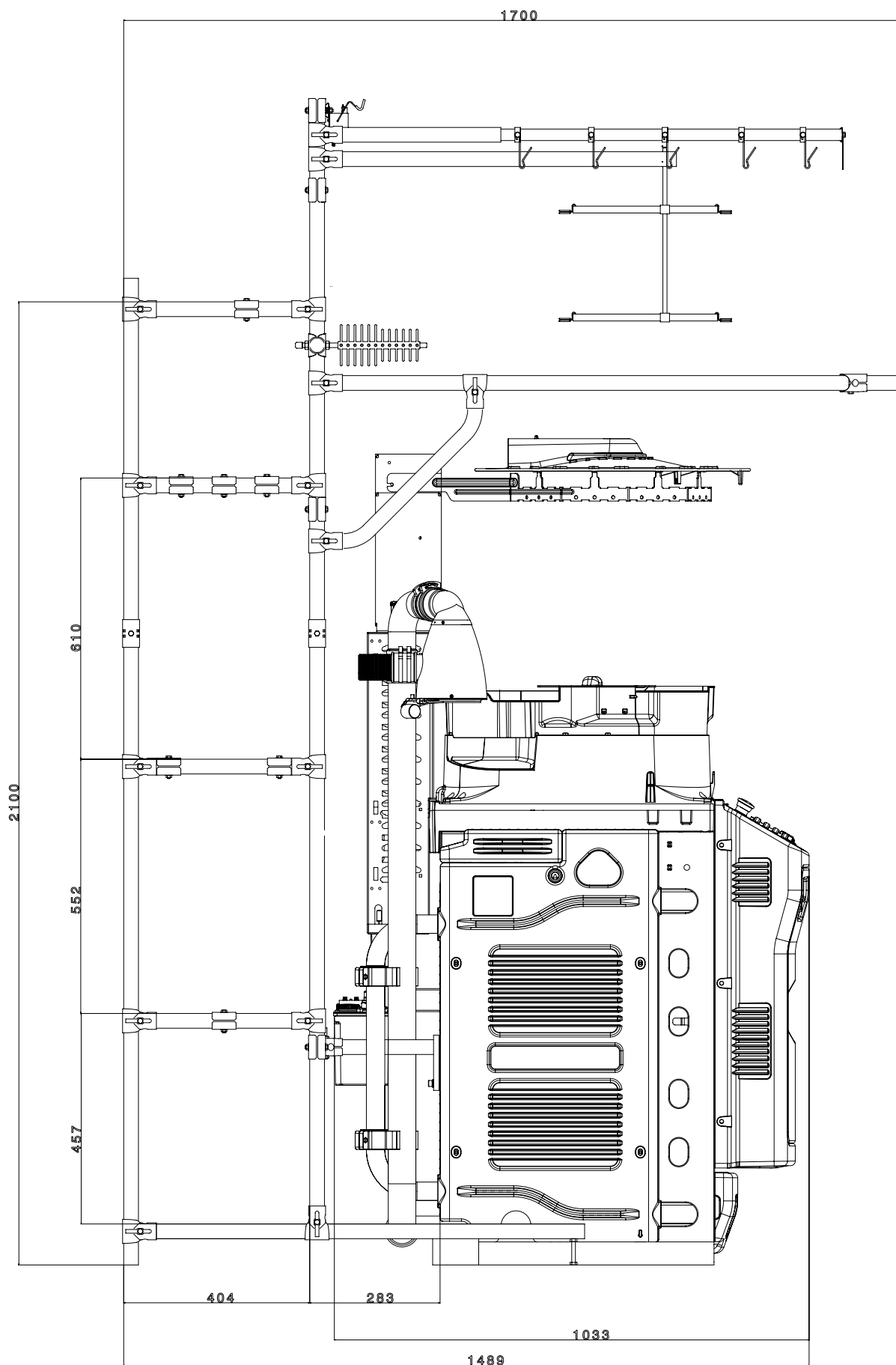
Average consumption for 100 dozens= 270 gr. Lonati recommends: Kluber Madol 183 Supreme - Fuchs Trax 16C

GREASE

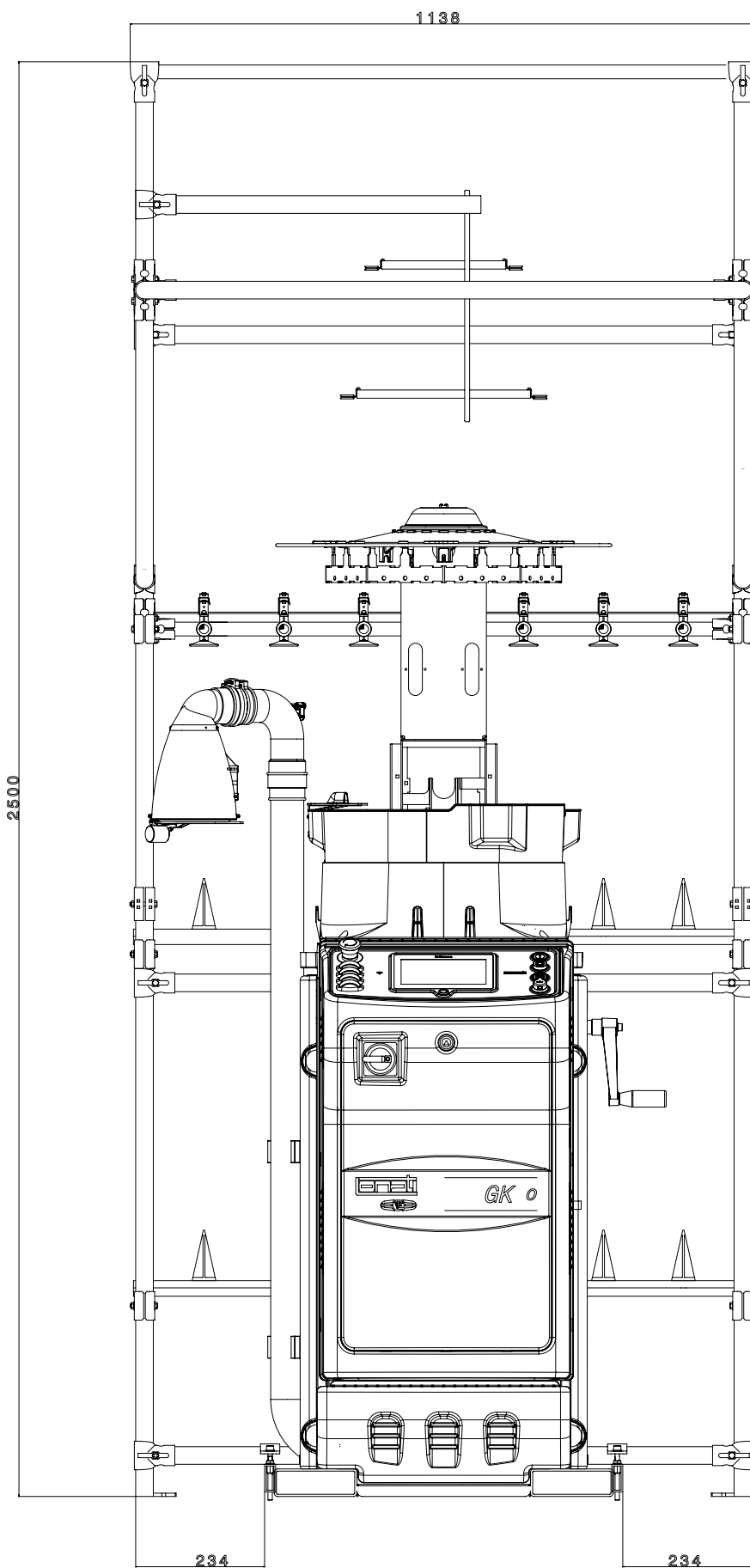
Foe seals, bearings etc: Lonati recommends:TechnolubeSeals Damping grease Nyogel 774F-1



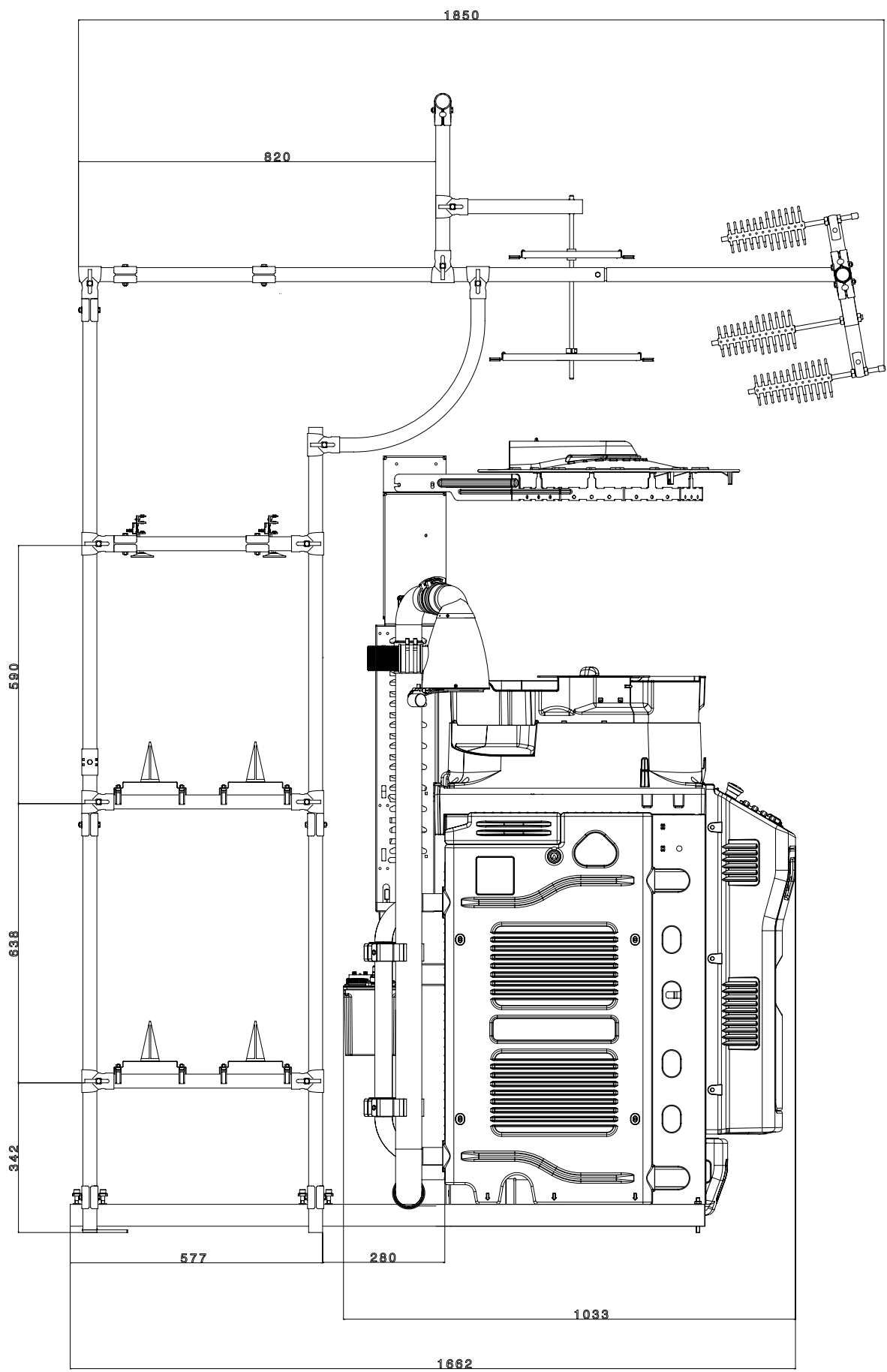
DESCRIPTION	CODE	NR. OF REELS	WEIGHT KG.	NOTES
Yarn creel	G1930040	28	20	Standard version
Yarn creel	G1930041	28	20	Version with BTSR sensors



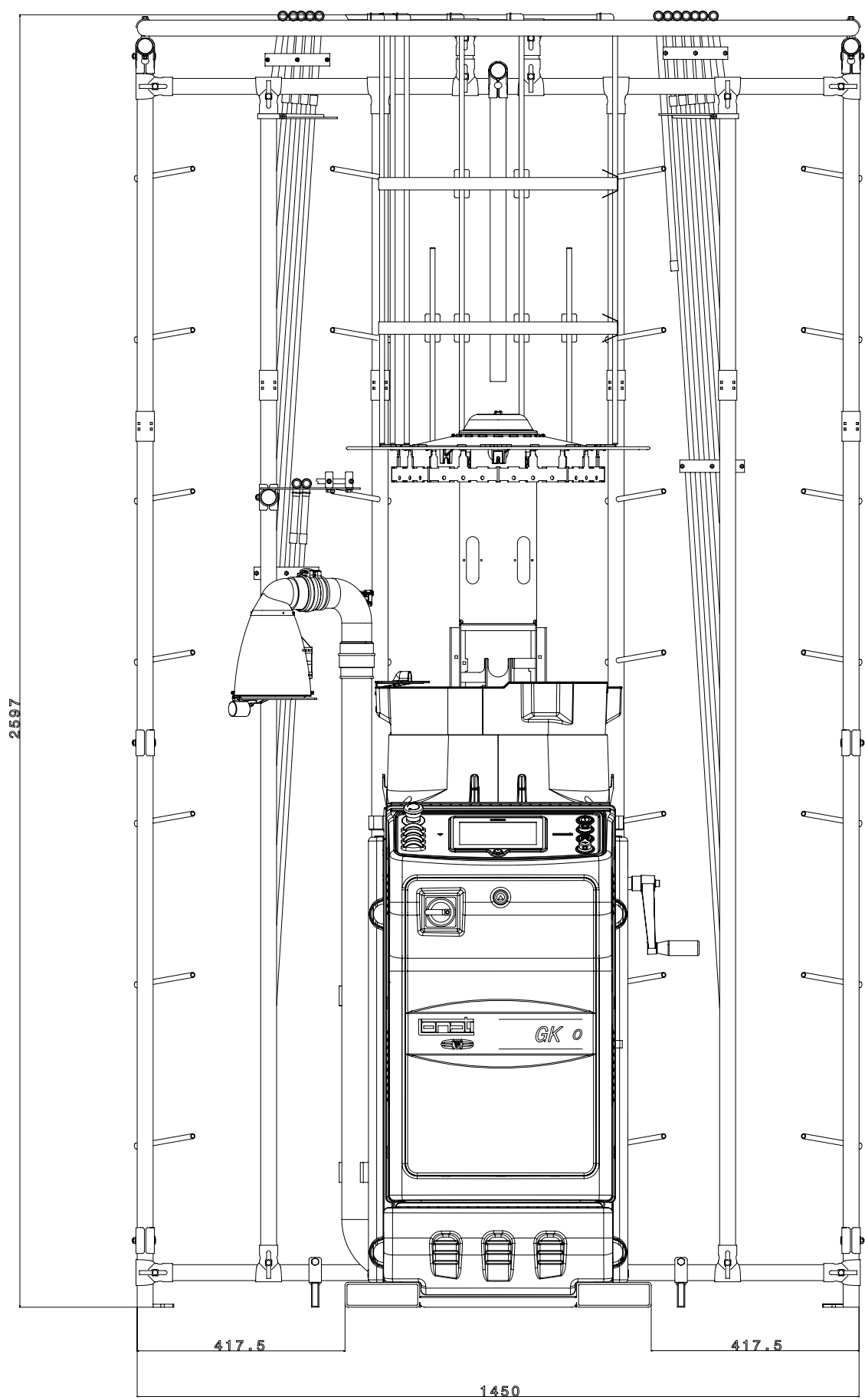
DESCRIPTION	CODE	NR. OF REELS	WEIGHT KG.	NOTES
Yarn creel	G1930040	28	20	Standard version
Yarn creel	G1930041	28	20	Version with BTSR sensors



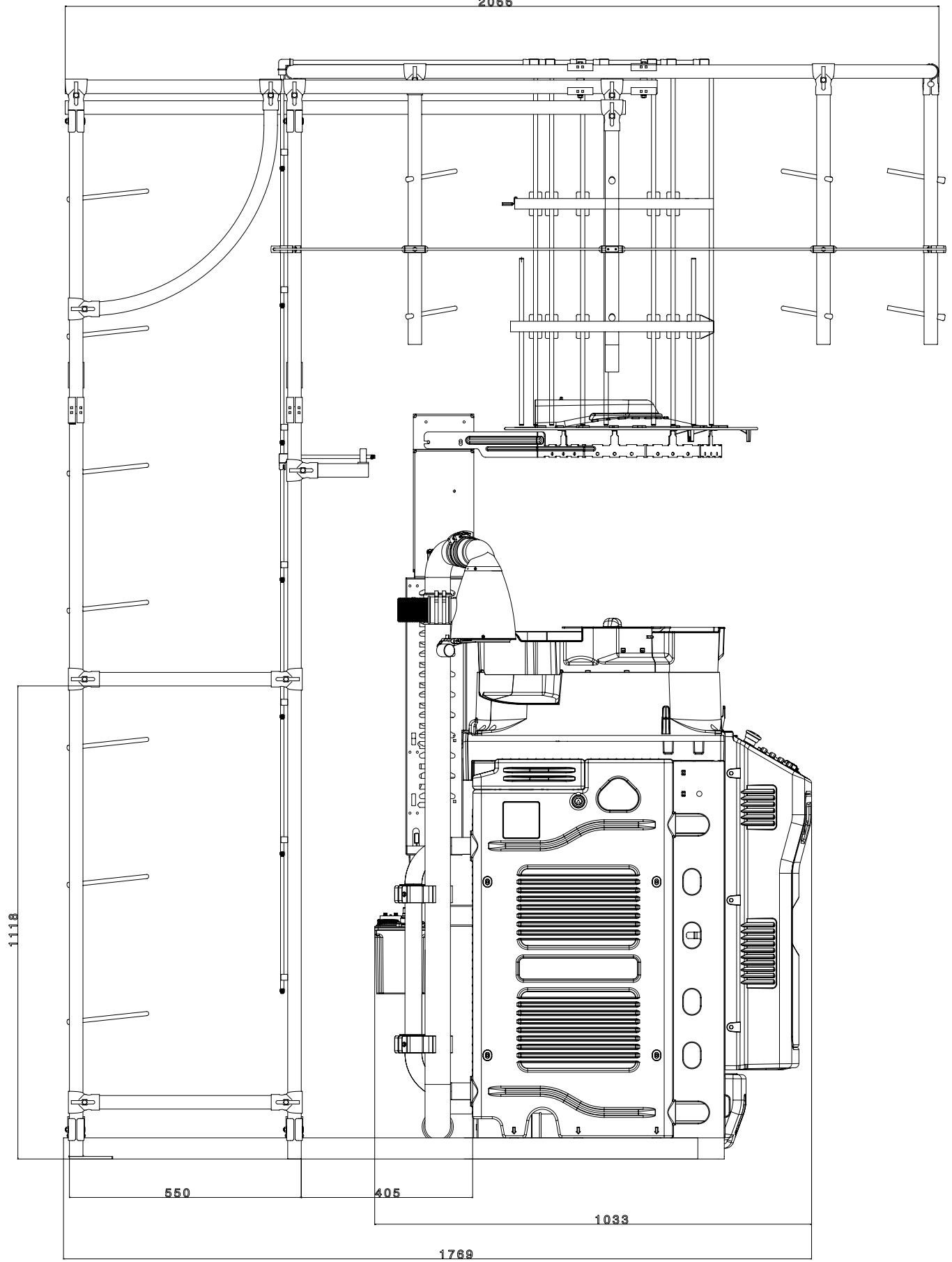
DESCRIPTION	CODE	NR. OF REELS	WEIGHT KG.	NOTES
Yarn creel	G3930061	28	51	Versione standard
Yarn creel	G3930062	28	51	Versione con anti strappo BTR



DESCRIPTION	CODE	NR. OF REELS	WEIGHT KG.	NOTES
Yarn creel	G3930061	28	51	Versione standard
Yarn creel	G3930062	28	51	Versione con antistrappo by BTSR



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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