

# DC88X

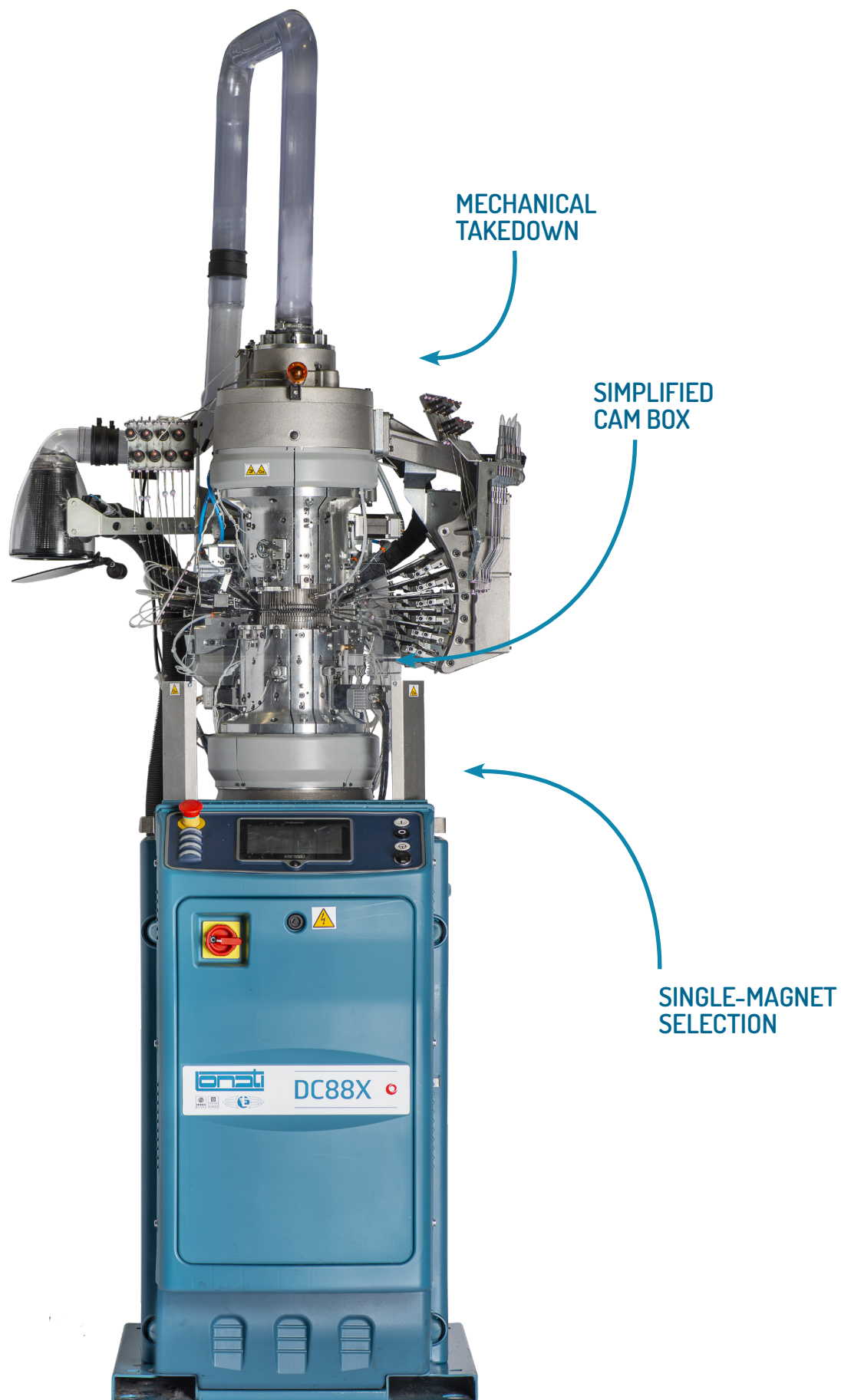
## DOUBLE CYLINDER

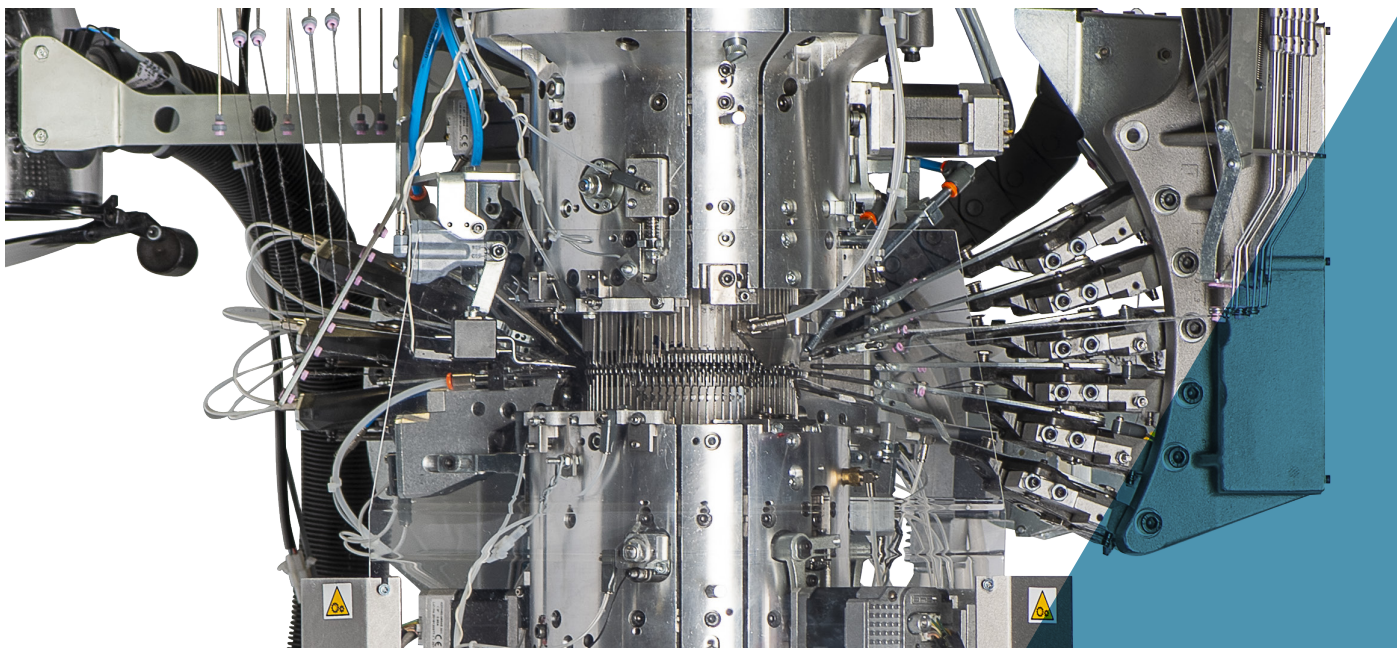
### E1630X



# DOUBLE CYLINDER

E1630X





All images in this brochure are indicative and not binding.

## DOUBLE CYLINDER E1630X

Double cylinder 2 feeds machine for the production of men's, women's and children's socks in ribs, plain knit, Links and Links Jacquard. Needle-needle single-magnet actuator selection for several rib, Links and Links Jacquard patterns. Brushless motor incorporated in the column with variable heel and toe reciprocating motion. 2 selection points instead of pickers and needle droppers. Articles, sizes and knit designs are programmable by using a Personal Computer and the powerful Software Digraph 3+ package. Graphic display keyboard for the selection of articles and additional operations. Possibility of connection to the NAUTILUS for the production data detection and for a real-time monitoring of the knitting room. A available in 4" ½ diameter and gauges from 5 to 8.

- Needle-needle single-magnet actuator selection instead of pickers and needle droppers and links drums for different rib and links patterns
- Easier sinkers maintenance thanks to the rotating knitting head in standby position
- Stitch cams with independent stepper motors
- Mechanical takedown
- Simplified cam box

### MACHINE DIMENSIONS



Length 90 cm + yarn creel 40 cm  
Depth 104 cm + yarn creel 13 cm  
Height 243 cm + yarn creel 13 cm

### MACHINE WEIGHT



Machine ca. 350 Kg  
Yarn creel ca. 30 Kg

#### NOTE:

All data relating to outer appearance, performance, dimensions and weight are just as an indication.

# DOUBLE CYLINDER

## E1630X

### TECHNICAL DATA

MODEL	CYLINDER DIAMETER	GAUGE	NEEDLE THICKNESS
E1630X	4 ½	from 5 to 8	1.10 mm

Above data are indicative and not binding.

### STANDARD DEVICES

- Single-magnet actuator electronic selection system
- Mechanical take-down
- Multi-stiffening by means of stepper motors
- High heel
- Sinkers cap with internal lubrication
- 6 pneumatic yarnfingers on first feed and 3 on second feed
- Suction valve controlled with stepper motor
- USB port
- Yarn-rack

### MAIN OPTIONAL DEVICES

- LGL ECO POWER feeders
- Dinema YoYo positive feeder
- Dinema ISPY yarn-sliding sensors
- Cassefils mechanical sensors
- Anti-pulling sensors
- Ethernet board
- Shadow rib
- Suction fan

### SUITABLE YARNS

The machine is designed to be used with the following yarns:

- Natural fibers
- Syntetic yarn
- Elastic yarn

### POSSIBLE KNITTING

The standard machine can perform the following knittings

- Plain knit
- Rib
- Links
- Links Jacquard
- 1st feed tuck stitch
- Open work (optional)
- Shadow rib (optional)

# DOUBLE CYLINDER

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### NUMBER OF COLORS

Number of colors	Up to 5 colors on first feed Up to 3 colors on second feed
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### PERFORMANCES

4 ½ CYLINDER DIAMETER	
GAUGE	5 - 6 - 7 - 8 (needle thickness 1,10mm)
KNITTING FEATURES	LINKS = 200 Rpm
	Rib and plain knit = 200 Rpm
	Tuck stitch = 200 Rpm
	Reciprocated motion = 200 Rpm
	Jacquard = 200 Rpm

Above data are indicative and not binding.

### GAUGE

GAUGE					
Model	Ø	5	6	7	8
E1630X	4 ½	72 76	80 84 88	92 96 100 104	108 112 116 120
Needle thickness 1.10					

Above data are indicative and not binding.

#### DISCLAIMER:

For gauges lower or higher than those in the chart, their maximum speed must be reduced by 10-15%.  
Should you use staple fiber, maximum speed has to be detected each time according to the yarn and the item to be produced.

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

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### NOISE LEVEL

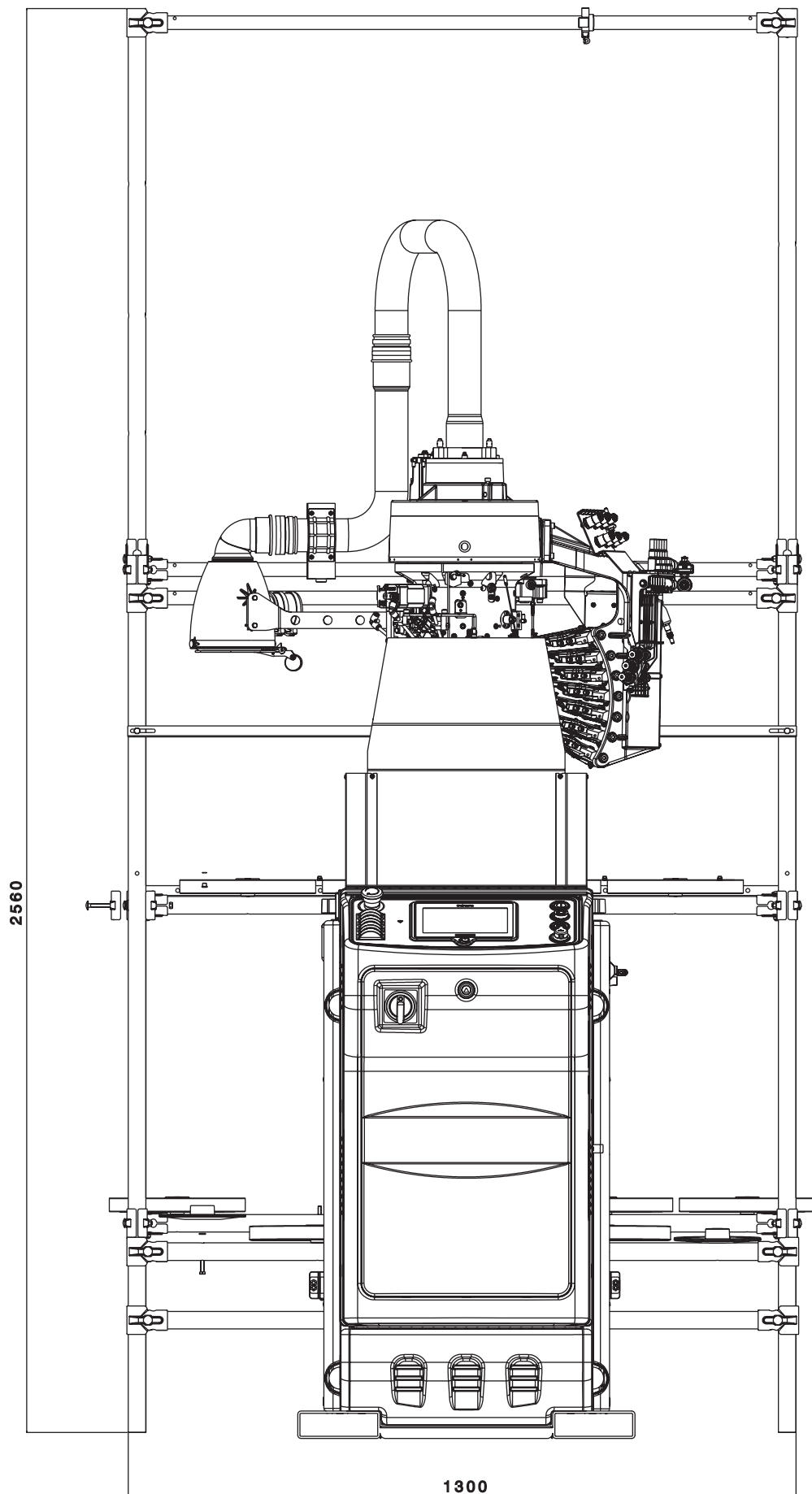
Machine average noise level, suction included n.d.

### LUBRICANTS

Average consumption for 100 dozens= 330 gr. Lonati recommends: Kluber Madol 183 Supreme

### GREASE

For seals, bearing etc Lonati recommends: Damping grease Nyogel 774F

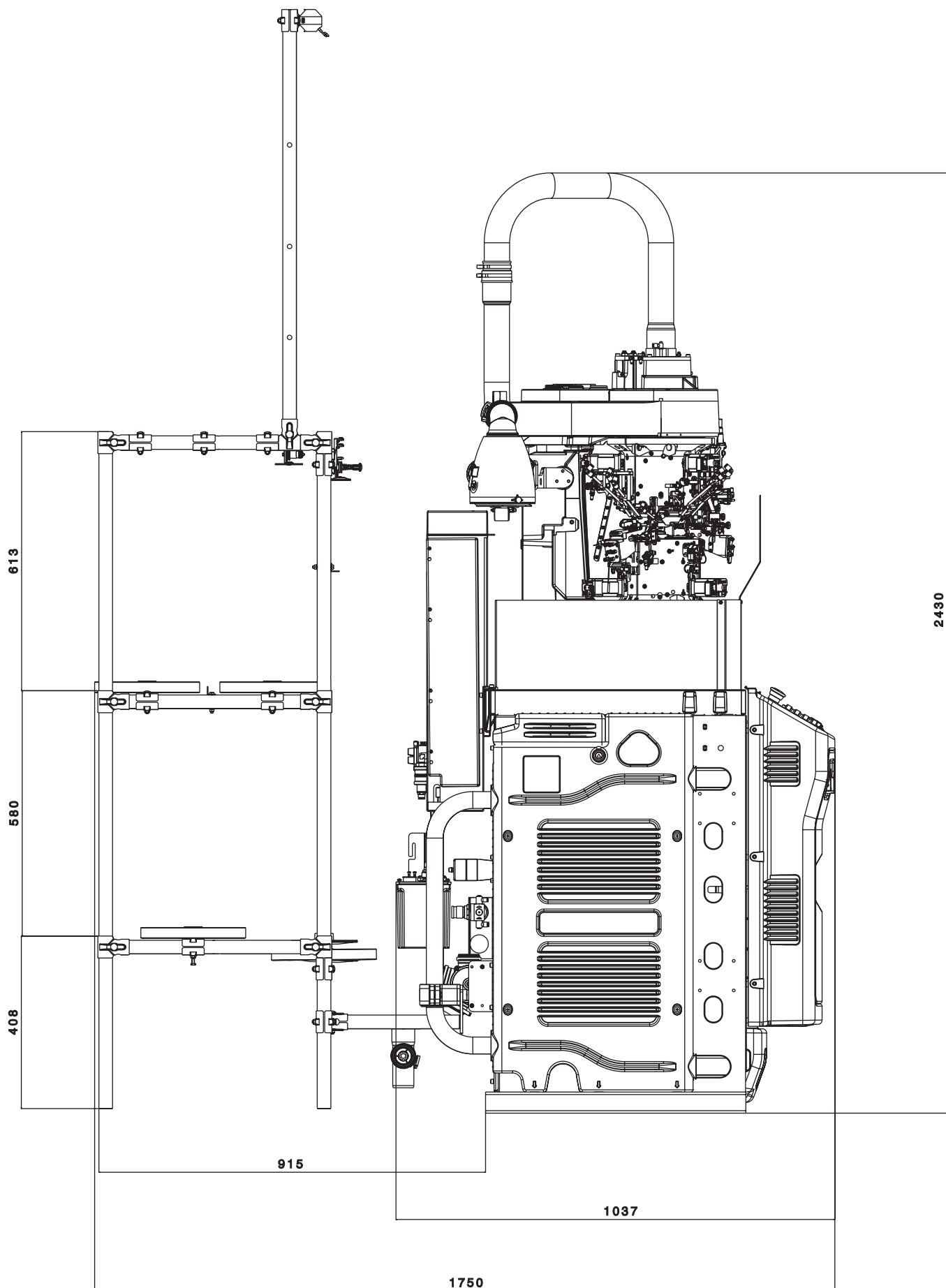


#### FRONT VIEW

Machine dimensions + 16 positions yarn creel.

#### NOTE:

The picture may show fittings and equipment that are supplied on demand and not.



## SIDE VIEW

Machine dimensions + 16 positions yarn creel.

## NOTE:

The picture may show fittings and equipment that are supplied on demand and not.







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