

**L****E** series

WOMEN'S SINGLE CYLINDER  
LBE12P7 - LBE22P7



Lonati

# WOMEN'S SINGLE CYLINDER

LBE12P7 - LBE22P7





All images in this brochure are indicative and not binding.

## WOMEN'S SINGLE CYLINDER

### LBE12P7 - LBE22P7

Electropneumatic single cylinder, 4 feeds machine for stockings and pantyhose in plain knit, 1x1 and 3x1 fixed mesh on 4 feeds and T-Band, covered lycra plating, 4 feeds plating, size marks and pneumatic selection on all feeds. Single or double dial jacks. Electronic device to maintain size at any temperature on the machine.

- 4 feeds single cylinder machine
- 6 pliers suction unit
- 19 to 24 yarnfingers
- Motorized sinkers cap, 1 motor
- 4 pneumatic stitch cams
- 4 pneumatic selection units on feeds 1,2,3 and 4 for mesh

#### MACHINE DIMENSIONS



Length 60 cm + yarn creel 130 cm  
Depth 60 cm + yarn creel 130 cm  
Height 136 cm + yarn creel 250 cm

#### MACHINE WEIGHT



Machine 225 kg  
Yarn creel 28 kg

#### CERTIFICATION



Green  
Label

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### TECHNICAL DATA

| MODEL                       | CYLINDER DIAMETER | GAUGE | NEEDLE THICKNESS |
|-----------------------------|-------------------|-------|------------------|
| LBE12P7 (Needle latch 7 mm) | 4"                | 32    | 0.34 mm          |
| LBE22P7 (Needle latch 7 mm) | 4" 1/4            | 32    | 0.34 mm          |

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### STANDARD DEVICES

- 26 or 40 reels yarn creel
- Sock ejection hood
- Yarn waste filter
- Stepper motor controlled suction valve
- Rotary or fixed antitwist device
- 2 yarn sliding sensors

### OPTIONAL DEVICES

- DREAM or DREAM ONE device for stretching socks in ejection
- 1,1 Kw suction fan
- Nautilius software licence
- Dinema GRYF yarn feeder, 12 max
- Dinema Plus medical or bare elastomer yarn feeders, 4 max
- Yarn sensors, 24 max
- Motorized sinkers cap, 2 motors
- 4 motorized stitch cams

### SUITABLE YARNS

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

- Nylon;
- Elastomers (bare, single or double cover);
- Filanca;
- Stretch, for transparent items;

### POSSIBLE KNITTINGS

The standard machine can perform the following knittings

- Plain knit
- 1:1, 3:1, 5:1, 7:1, 1:3 fixed mesh
- 1:1 on reinforced bands
- Reinforced band
- Supp-hose on 2 or 4 feeds
- Plain knit plating on 2 or 4 feeds

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### PERFORMANCES

|                   | 4" CYLINDER DIAMETER (ON LBE12P7)                  | 4" 1/4 CYLINDER DIAMETER (ON LBE22P7)              |
|-------------------|----------------------------------------------------|----------------------------------------------------|
| GAUGE             | 32                                                 | 32                                                 |
| KNITTING FEATURES | 750 rpm with selectors working and 40° stitch cams | 600 rpm with running selectors and 40° stitch cams |
| MAXIMUM SPEED     | 850 RPM                                            | 700 RPM                                            |

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#### DISCLAIMER:

speed may need to be adjusted according to the inclination of the stitch cams, to the mechanical parts in use and to the yarn.  
N.B. All data in the brochure are for information only and subject to change without any prior notice from Lonati SpA.

### ALLOWED PERFORMANCES

| CHART OF MAXIMUM ALLOWED SPEED IN PLAIN KNIT IN RELATION TO THE INCLINATION TO THE STITCH CAMS m/c LBE12 |                                     |
|----------------------------------------------------------------------------------------------------------|-------------------------------------|
| Stitch cam inclination                                                                                   | Maximum allowed speed in plain knit |
| 40°                                                                                                      | 850                                 |
| 48°                                                                                                      | 750                                 |
| 55°                                                                                                      | 650                                 |

| CHART OF MAXIMUM ALLOWED SPEED IN PLAIN KNIT IN RELATION TO THE INCLINATION TO THE STITCH CAMS m/c LBE22P7 |     |
|------------------------------------------------------------------------------------------------------------|-----|
| 46°                                                                                                        | 700 |
| 55°                                                                                                        | 500 |

| AVAILABLE CYLINDERS FOR LBE12 |                                                                                   |
|-------------------------------|-----------------------------------------------------------------------------------|
| GG80-0,26                     | 440 - 480                                                                         |
| GG75-0,34                     | 320 - 336 - 340 - 342 - 352 - 360 - 368 - 380 - 382 - 384 - 400 - 402 - 432 - 434 |
| GG70-0,41                     | 240 - 280 - 288 - 300 - 320 - 336 - 360                                           |
| GG54-0,50                     | 176 - 208 - 240 - 256 - 320                                                       |

| AVAILABLE CYLINDERS FOR LBE22P7 |                 |
|---------------------------------|-----------------|
| GG80-0,26                       | 512             |
| GG75-0,34                       | 432 - 448 - 480 |
| GG70-0,41                       | 360             |
| GG54-0,50                       | 288             |

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#### DISCLAIMER:

All data related to maximum allowed mechanical speed may require to be reduced (to be adjusted according to functional tests on the machine) when using specific particular yarns and/or knitting features.

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

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## NOISE LEVEL

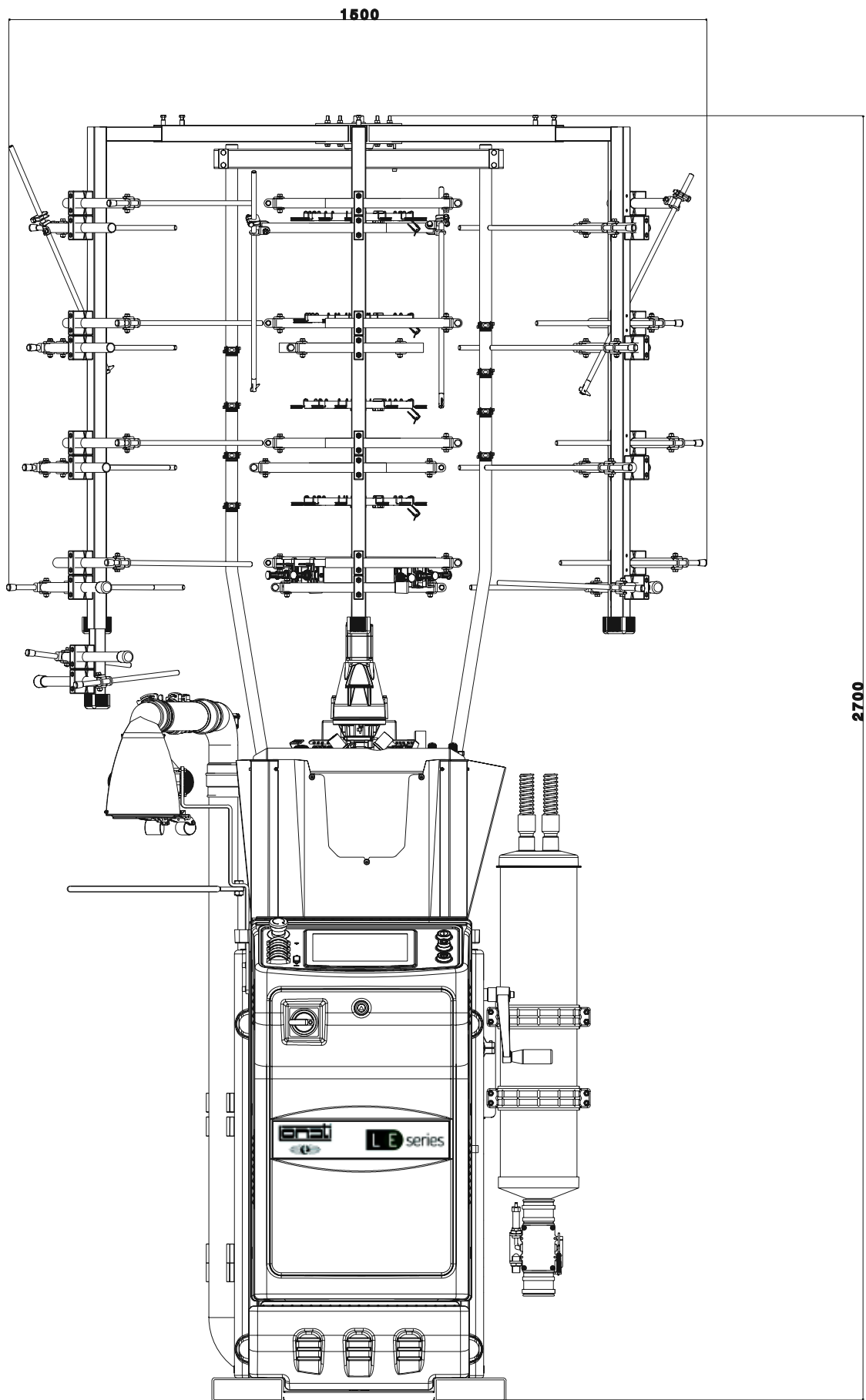
Machine average noise level, suction included  $L_{eqA}$  = 74dBA

## LUBRICANTS

Average consumption for 500/600 dozens: 1000 gr. - Lonati recommends: Fuchs Renolin Trax 14C - Kluber Tex Sintheso M32 - Esso Eil 0287

## GREASE

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



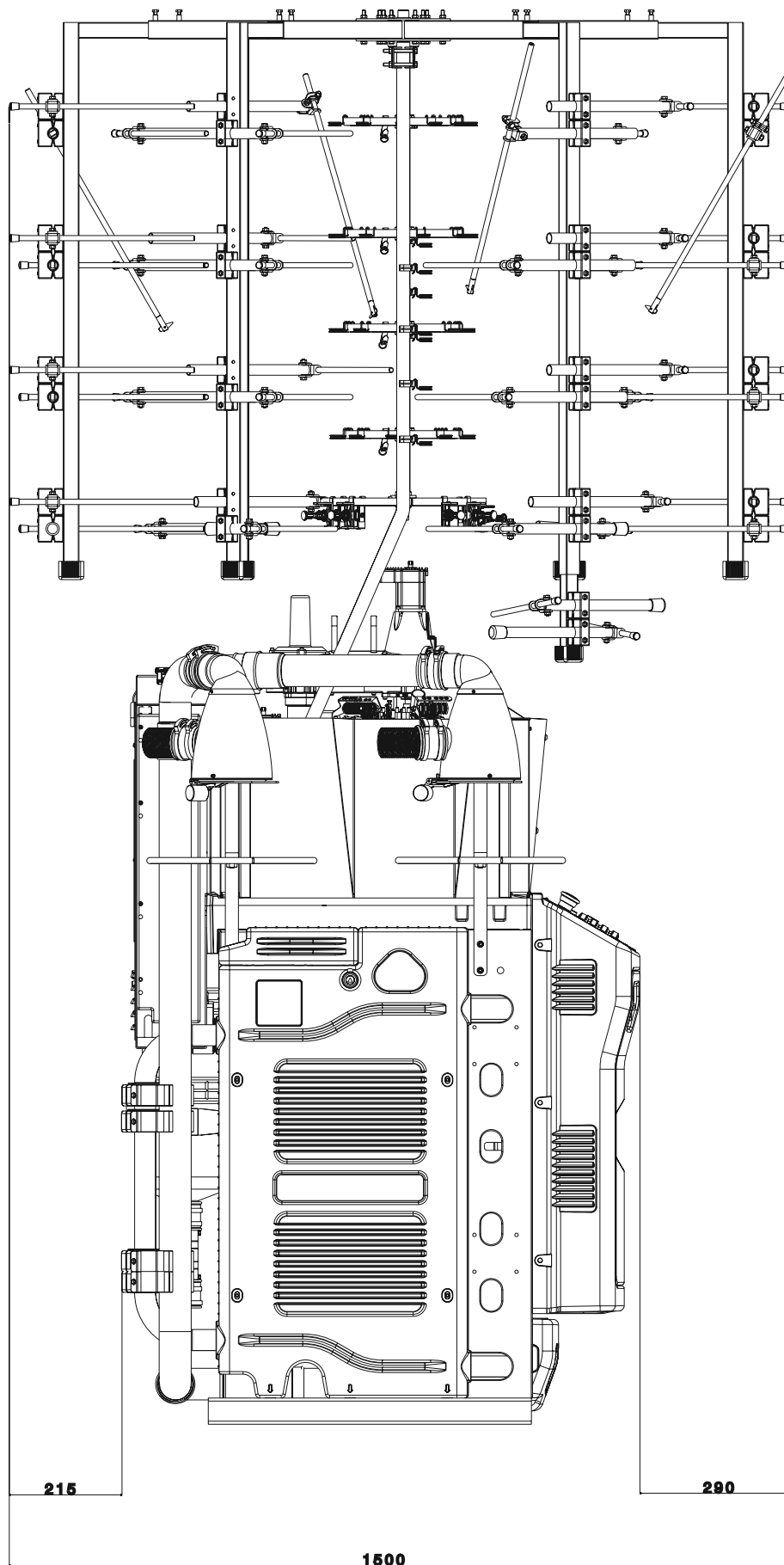
## FRONT VIEW

Machine dimensions with 40 reels yarn creel

## NOTE:

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





#### SIDE VIEW

Machine dimensions with 40 reels yarn creel

#### NOTE:

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



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