DOUBLE CYLINDER
E1530XS

MECHANICAL TAKEDOWN

SIMPLIFIED SHELL

SINGLE-MAGNET SELECTION
DOUBLE CYLINDER
E1530XS


- Needle-needle single-magnet selection instead of pickers and needle droppers and links drums for different rib and links patterns.
- Simplified shell/skirt with less mobile cams
- Mechanical takedown
- Stitch cams with independent stepper motors
- Easier sinkers maintenance thanks to the rotating knitting head.
- Electronic full control of yarnfingers and of all functions.

MACHINE DIMENSIONS
Length cm 90 + yarn creel cm 32
Depth cm 104 + yarn creel cm 69
Height cm 260

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
E1530XS

TECHNICAL DATA

<table>
<thead>
<tr>
<th>MODEL</th>
<th>CYLINDER DIAMETER</th>
<th>GAUGE</th>
<th>NEEDLE THICKNESS</th>
</tr>
</thead>
<tbody>
<tr>
<td>E1530XS</td>
<td>4&quot;</td>
<td>from 8 to 11</td>
<td>0.9 mm</td>
</tr>
</tbody>
</table>

Above data are indicative and not binding.

STANDARD DEVICES

- Needle-needle single-magnet electronic selection system;
- Mechanical fabric take down;
- Multi-stiffening by means of stepper motor;
- High heel by means of single-magnetic selection;
- Sinker cap with internal lubrication;
- 6 pneumatic yarn fingers;
- 6-rod take-up device;
- Suction valve controlled with stepper motor;

OPTIONAL DEVICES

- Split device
- Pneumatic yarn finger number 7
- First yarn finger positioning at feeds 5, 6 and 7
- Second yarn finger positioning at feeds 2, 3 and 4
- Prearrangement for YoYo feeders
- YoYo feeders
- Prearrangement for LGL Ecopower feeders
- LGL Ecopower feeders
- ISPY sensors
- Cassefils mechanical sensors
- Second elastic feeder
- Knots control
- Ethernet board
- Patterned shadow stripe knit
- Open-work

SUITABLE YARNS

The machine is designed to be used with the following yarns

- Natural fibers
- Synthetic yarn
- Elastic yarn

POSSIBLE KNITTING

The standard machine can perform the following knittings

- Plain knit
- Rib
- Links
- Links Jacquard
DISCLAIMER:
For gauges lower or higher then 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. For jacquard and Links jacquard, maximum speed has to be detected each time according to the pattern.

NUMBER OF COLORS

In jacquard 2 colors on the same course
Up to 5 colors on first feed
Up to 3 colors on second feed

PERFORMANCES

<table>
<thead>
<tr>
<th>GAUGE</th>
<th>4” CYLINDER DIAMETER</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>LINKS = 120 Rpm</td>
</tr>
<tr>
<td></td>
<td>Rib and plain knit = 120 Rpm</td>
</tr>
<tr>
<td></td>
<td>Reciprocated motion = 120 Rpm</td>
</tr>
<tr>
<td></td>
<td>Jacquard = 120 Rpm</td>
</tr>
</tbody>
</table>

Above data are indicative and not binding.

GAUGES

<table>
<thead>
<tr>
<th>GAUGE</th>
<th>1530XS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model</td>
<td>ø 8 9 10 11</td>
</tr>
<tr>
<td></td>
<td>96 108 120 132 144</td>
</tr>
<tr>
<td>Needle thickness</td>
<td>0.9</td>
</tr>
</tbody>
</table>
DOUBLE CYLINDER E1530XS

ELECTRIC POWER CONSUMPTION

With program for medium length shoe upper.

<table>
<thead>
<tr>
<th>MACHINE MODEL</th>
<th>CONSUMPTION kWh</th>
</tr>
</thead>
<tbody>
<tr>
<td>E1530XS</td>
<td>0.54</td>
</tr>
</tbody>
</table>

COMPRESSED AIR CONSUMPTION

Gauge pressure 6.5 bar, humidity 0% and dryer outlet temperature 18°C-21°C.

<table>
<thead>
<tr>
<th>MACHINE MODEL</th>
<th>CYCLE TIME</th>
<th>CONSUMPTION FOR SHOE UPPER</th>
</tr>
</thead>
<tbody>
<tr>
<td>E1530XS</td>
<td>3’13”</td>
<td>NL 120 - ft³ 4.2</td>
</tr>
</tbody>
</table>

SUCTION

Depression = Cylinder = 800 - 850 mm/H2O - Flow = 2 m³/min

NOISE LEVEL

Machine average noise level, suction included LpA=81.9 dB LwA=99 dB

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 + 18 positions yarn creel.

NOTE:
The picture may show fittings and equipment that are supplied on demand and not.
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SIDE VIEW
Machine dimensions + 18 positions yarn creel.