PISTON BOOSTER SYSTEMS 300 BAR

LB air & nitrogen high-pressure booster range (7 hp / 5.5 kW)

Features and Benefits

Quality performance
• European-manufactured components.
• Custom-developed, advanced control panel.
• Integrated drain.
• Sound insulated frame.
• Wing-shaped fan blades ensure low sound pressure and efficient ventilation.

Cost savings
• IE3-standard energy efficient motor.
• Unique automatic condensate drain design reduces pressure losses by 80%.

Outstanding reliability
• Compressor block made of light alloys with high thermal efficiency.
• Integrated filter removes all oil particles.
• Frame panels designed to work in harsh conditions.
• Long service intervals.

High pressure meets superior quality

High-pressure air and nitrogen applications require strong, dependable compression. Enter the 300-bar Atlas Copco LB. Developed and built in Europe, this heavy-duty booster meets and exceeds your performance standards. Two available models offer the choice between a 140 and 550 l/min capacity to meet your specific needs.
AIR AND NITROGEN APPLICATIONS

airplane tire filling  
laser cutting  
PET bottling  
autoclave

ATLAS COPCO NITROGEN SKIDS

The LB 7-300 come as standalone boosters, but can also be delivered as part of the Atlas Copco nitrogen generation skids. These all-in-one skids produce high-pressure nitrogen for direct use or bottling.

TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Models</th>
<th>Input pressure</th>
<th>Stages</th>
<th>Revolution</th>
<th>Power</th>
<th>Noise</th>
<th>Weight</th>
<th>Filling time</th>
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<tbody>
<tr>
<td></td>
<td>bar/psi</td>
<td>#</td>
<td>RPM</td>
<td>hp</td>
<td>dB</td>
<td>kg</td>
<td>lbs</td>
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OPERATIONAL SPECIFICATIONS

BOTTLE RACKS

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<tr>
<th>Models</th>
<th>Bottles</th>
<th>Volume</th>
<th>Maximum pressure</th>
<th>Normative</th>
<th>Weight</th>
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<td># liters</td>
<td>bar</td>
<td>psi</td>
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<td>1100</td>
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</tbody>
</table>

Booster dimensions

LB 7-300

140 cm

106 cm

75 cm

Bottle rack dimensions

2-bottle rack

185 cm

72 cm

68 cm

12-bottle rack

101 cm

101 cm

16-bottle rack

201 cm

201 cm