

Atlas Copco

High-pressure piston booster systems

LB 300 booster 5.5-15 kW/7-20 hp



High pressure meets superior quality

High-pressure air and industrial gas applications require strong, dependable compression. The Atlas Copco LB 300 booster will reliably meet and exceed your performance requirements. Built to Atlas Copco standards with quality components, this heavy-duty booster is available in different power sizes with a capacity from 85 to 750 l/s.

Features & benefits



Silent

- Low-vibration operation thanks to separation of compression block and motor.
- Soundproof design.



Low total cost of ownership

- IE3 motor and self-tensioning V-belt provide high energy efficiency.
- No-wear piston rings and corrosion-proof cooler pipes ensure long service intervals.



Reliable performance

- Suitable for continuous operation.
- Integrated oil-water separators for high air and nitrogen quality.
- Automatic condensate drain minimizes pressure losses and noise level.

Reliable performance



Standalone & skid

The LB 300 comes as a standalone booster for air and nitrogen. The booster is also part of Atlas Copco's nitrogen skid, which produces high-pressure nitrogen for direct use or bottling.

Technical specifications

Model	Power		Intake pressure	Max. operating pressure	FAD	Stages	Speed	Noise pressure level (LpA)	Weight	Dimensions (l x w x h)
	hp	kW	bar	bar	l/min		rpm	dBa	kg	mm
LB 7-300	7	5.5	5-11	300	475	2	1230	70	380	1480x830x1520
LB 10-300	10	7.5	7-10	300	645	2	850	71	430	1480x830x1520
LB 15-300	15	11	7-10	300	750	2	1140	73	440	1480x830x1520
LB 20-300	20	15	2-4	300	830	3	1530	75	455	1480x830x1520

Booster dimensions

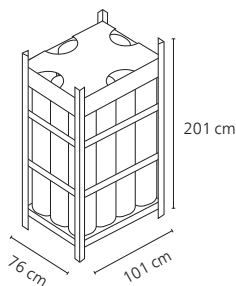


Bottle racks

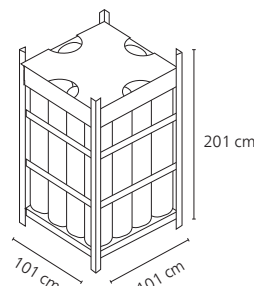
Models	Bottles	Volume	Maximum pressure		Normative	Weight	
	#	liters	bar	psi	type	kg	lbs
12-bottle rack	12	600	300	4350	TPED	1100	2425
16-bottle rack	16	800	300	4350	TPED	1320	2910

Bottle rack dimensions

12-bottle rack



16-bottle rack



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