

Atlas Copco

Oil-lubricated piston compressors

LT 10 (1.5-7.5 kW/2-10 hp)



The flexible, reliable industrial piston compressor

If you are in the market for an industrial compressor up to 10 bar, our oil-lubricated LT 10 series ticks all your boxes, from superior reliability, high air quality to low cost of ownership. Choose from different power (2-10 hp) and pressure (2-10 bar) models to meet your exact needs. Block, Power Pack and Full Feature versions, base or tank-mounted, and a range of options are available for advanced customization.



Ease of use

- All components and service points are easily accessible.
- Compact footprint ensures smooth integration in small spaces.
- Single electrical connection for plug-and-play installation.



Premium reliability

- Robust design and quality materials ensure a long life.
- Patented stainless steel inlet/outlet pump valves.
- Fan designed for optimal cooling of the air flow also balances the compressor for reduced vibration.
- Long lifetime of 20,000 hours.



Low operational costs

- Start-stop system instead of load-unload.
- IE3 efficiency motor reduces energy consumption and costs.
- Use of highly durable components for improved performance.
- Very low maintenance costs.

Industry-leading piston technology

1

Automotive style cylinders made of aluminum alloy with low tolerance finishing for extremely low clearance and minimized friction.

2

Direct drive-coupled motor (IE3) eliminates transmission losses and decreases footprint.

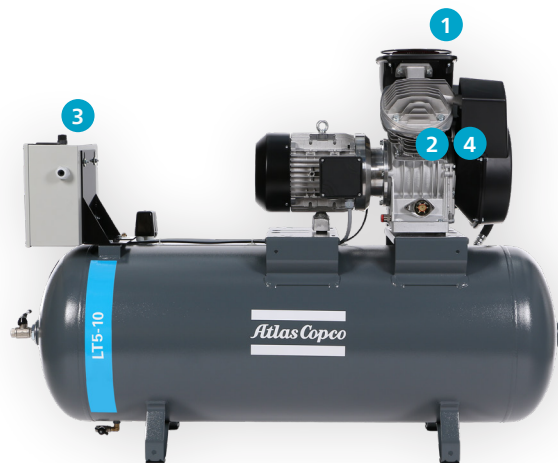
3

Industrial unloader valve and star delta start cubicle with integrated soft start on models from 5 hp reduce starting torque and increase lifetime and efficiency.

4

In-house designed block with the highest quality components:

- Coated aluminum pistons and cast-iron rings ensure highest efficiency.
- Die-cast aluminum crankcase and finned cylinder heads with high cooling characteristics, for long lifetime and efficient operation.



LTs 10: your premium piston compressor

The Atlas Copco LTs 10 adds low noise and extensive controls to the traditional piston benefits of robustness, low maintenance and energy efficiency. Simply the most complete industrial piston compressor on the market today, the LTs 10 meets your most advanced compressed air needs.

Technical specifications

Available for different supplies and models: B, PP, BM, TM and FF

Compressor type	Max. working pressure		FAD @ 50 hz			FAD @ 60 hz			Installed motor power		Noise level
	bar	psig	l/min	m³/h	cfm	l/min	m³/h	cfm	kW	hp	
LT 2-10	10	145	204	12.2	7.2	234	13.8	8.3	1.5	2	78
LT 3-10	10	145	264	15.8	9.3	306	18.6	10.8	2.2	3	79
LT 4-10	10	145	354	21.2	12.5	407	24.4	14.4	3	4	79
LT 5-10	10	145	504	30.2	17.8	582	34.8	20.6	4	5.5	79
LT 7-10	10	145	702	42.1	24.8	816	49.2	28.2	5.5	7.5	80
LT 10-10	10	145	942	56.5	33.3	1092	62.4	38.6	7.5	10	81

Compressor type	Max. working pressure		FAD @ 50 hz			FAD @ 60 hz			Installed motor power		Noise level
	bar	psig	l/s	m³/min	cfm	l/s	m³/min	cfm	kW	hp	
LTs 5-10	10	145	8.4	0.5	17.8	9.7	0.58	20.5	4	5.5	68
LTs 7-10	10	145	11.7	0.7	24.8	13.6	0.82	28.8	5.5	7.5	72
LTs 10-10	10	145	15.7	0.94	33.3	18.2	1.09	38.6	7.5	10	74
LTs 15-10	10	145	23.4	1.4	49.6	27.2	1.6	57.6	11	15	75
LTs 20-10	10	145	31.4	1.88	66.5	36.4	2.18	77.1	15	20	77

Notes:

- Comes with a choice of refrigerant, desiccant or membrane dryer technology and appropriate filters.
- Unit performance measured according to ISO 1217, Ed.4, Annex C-2009.
- Mean noise level measured according to ISO 2151/Pneurop/Cagi PN8NTC2 test code; tolerance 3 dB(A).
- B: Block, PP: Power Pack, BM: Base mounted, TM: Tank mounted, FF: Full Feature

Options

- Silenced hood
- Receiver upgrade
- Vertical receiver
- Timer drain
- Oil-level switch
- CD dryer
- Heavy-duty inlet filter
- Wheelset
- Low duty cycle option



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