SALES BROCHURE

L 110

16 BAR ALL-IN-ONE LASER CUTTING COMPRESSOR 11 KW

Compressor, 16 bar tank, dryer and fine filtration on one frame: the clean, dry air a laser cutter needs.

All-in-one version: compressor, 16 bar tank, refrigerated dryer and precision filtration built in.



11 kW	8 · 16 bar	0.8 m³/min	72 ± 3 dB	380 V
MOTOR POWER	PRESSURE	AIR FLOW	NOISE LEVEL	POWER SUPPLY THREE-PHASE / 50 HZ

KEY FEATURES

At the heart of the machine is a **high-efficiency screw air-end**, driven by an **IP55-protected motor** (insulation class F). An **electronic controller with display** constantly monitors pressure, temperature and running hours, and protects the machine if anything goes wrong. You set the working pressure: the compressor builds up to that value, stops on its own, then restarts automatically as soon as the pressure drops below the set threshold.

- Air-cooled, with an oil content in the compressed air of 3 ppm maximum at the compressor outlet.
- Standard wear parts (filters, oil, separator): maintenance stays simple and affordable.
- Every machine is checked and tested before shipping.

On the L Series, the compressor reaches **16 bar** and includes a 16 bar tank, a **refrigerated dryer** and **precision filtration** (particles down to 0.01 µm, residual oil 0.001 ppm, dew point 3 to 10 °C): the air reaches the cutting head clean and dry.

WHY CHOOSE A SCREW COMPRESSOR?

A piston compressor is made for occasional use. As soon as compressed air is needed several hours a day, a screw compressor takes over: it runs all day long, more quietly.

	L 110, SCREW COMPRESSOR	PISTON COMPRESSOR
Duty	**Continuous operation, all day long**	Intermittent use, needs rest periods
Noise	**Quiet: it can stay in the workshop**	Much louder, often moved outside
Air	**Steady flow, no surges or pulsations**	Saw-tooth pressure between starts
Wear	**High-efficiency screw block, standard wear parts**	Valves, rings and belts stressed at every cycle
Energy use	**Variable speed: the motor follows demand and stops when nothing is using air**	On/off operation at full power

WHICH TRADES IS IT FOR?

Metal fabrication · Plasma cutting · CNC machining · Industry / production · Aluminium and PVC window fabrication · Powder coating

2 YEARS

2-YEAR WARRANTY

- Every machine is checked and tested before shipping
- Documentation and maintenance logbook supplied
- Spare parts available for 15 years

SPECIFICATIONS

Power	**11 kW**
Technology	**16 bar all-in-one screw compressor, permanent-magnet variable speed**
Maximum pressure	**8 to 16 bar**
Air flow (ISO 1217)	**0.8 m³/min**
Air receiver	**340 L, 16 bar**
Drying and filtration	**Refrigerated dryer (dew point 3 to 10 °C) + precision filtration (particles 0.01 µm, oil 0.001 ppm)**
Power supply	**380 V three-phase / 50 Hz**
Cooling	**Air-cooled**
Noise level	**72 ± 3 dB(A)**
Outlet connection	**DN15**
Dimensions	**1750 × 700 × 1610 mm (L × W × H)**
Weight	**480 kg**
Service intervals	**500 hours, then every 1,500 hours (reminder shown by the controller)**

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