SALES BROCHURE

S 150

SCREW COMPRESSOR 15 KW

For production workshops and truck workshops with high air consumption.

Supplied without air receiver or dryer, to be connected to your compressed air network.



15 kW	8 · 10 · 13 bar	2.2 m³/min	68 to 72 ± 2 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** in **direct drive** from a **rare-earth permanent magnet motor** (insulation class F). It starts through a **variable frequency drive**: no current surge on your electrical installation. 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: thanks to **variable speed**, the motor adjusts its speed to your air consumption to hold that pressure, and stops on its own when nothing is drawing air.

- Air-cooled; compressed air at most 15 °C above ambient temperature, oil content 3 to 5 ppm.
- Standard wear parts (filters, oil, separator): maintenance stays simple and affordable.
- Compact: 1050 × 700 × 1000 mm, 220 kg.
- Every machine is checked and tested before shipping.

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.

	S 150, 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?

Body shop · Paint booth · Truck workshop · Joinery · Metal fabrication · CNC machining · Agricultural machinery · Plastics processing · Printing and packaging · Industry / production

2 YEARS

2-YEAR WARRANTY

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

COMPLETE THE INSTALLATION

Tank, refrigerated dryer, filters, hoses and fittings: we advise you on the right setup for your tools and your work pace.

SPECIFICATIONS

Power	**15 kW**
Technology	**Screw compressor, permanent magnet motor, direct drive, variable speed**
Maximum pressure	**8, 10 or 13 bar, your choice**
Air flow (ISO 1217)	**2.2 m³/min at 8 bar; 2.0 m³/min at 10 bar; 1.6 m³/min at 13 bar**
Air receiver	**No air receiver**
Power supply	**380 V three-phase / 50 Hz**
Cooling	**Air-cooled**
Noise level	**68 to 72 ± 2 dB(A)**
Outlet connection	**G 3/4"**
Dimensions	**1050 × 700 × 1000 mm (L × W × H)**
Weight	**220 kg**
Service intervals	**500 hours, then every 1,500 hours (reminder shown by the controller)**

CONTACT US
www.airstahl.com
+33 4 82 53 40 02
contact@airstahl.com