SALES BROCHURE

S 220 PM

SCREW COMPRESSOR 22 KW PERMANENT MAGNET

Permanent magnet motor, 10 bar: the industrial machine of the range.

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



22 kW	10 bar	3.2 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**, 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: 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, with an oil content in the compressed air of 3 ppm maximum at the compressor outlet.
- Every machine is checked and tested before shipping.
- Standard wear parts (filters, oil, separator): maintenance stays simple and affordable.

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 220 PM, 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?

- Industry / production
- Food processing
- Plastics processing
- CNC machining
- Foundry and forge
- Construction and precast concrete
- Recycling and waste sorting
- Powder coating
- Sawmill and timber industry
- Metal fabrication

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	**22 kW**
Technology	**Screw compressor, permanent magnet motor, direct drive, variable speed**
Maximum pressure	**10 bar**
Air flow (ISO 1217)	**3.2 m³/min at 10 bar (3.8 at 7 bar; 3.6 at 8 bar; 2.9 at 12.5 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 1"**
Dimensions	**1100 × 850 × 1000 mm (L × W × H)**
Weight	**310 kg**
Service intervals	**500 hours, then every 1,500 hours (reminder shown by the controller)**

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