



Scan for Technical
Data Sheet

TECHNICAL DATA SHEET

SCREW AIR COMPRESSORS

10 HP SINGLE-PHASE LINE AND 25 HP THREE-PHASE LINE

**THE MOST RELIABLE AND EFFICIENT SCREW AIR COMPRESSOR IN ITS CATEGORY,
DESIGNED FOR CONTINUOUS AIR SUPPLY IN WORKSHOPS AND
HIGH-CONSUMPTION INDUSTRIAL ENVIRONMENTS.**

DC Industrial screw air compressors are single-stage, air-cooled, oil-injected units designed for continuous operation.

The package includes: screw compressor unit, main motor, air and oil system, filters, cooler, cooling fan, and control system.

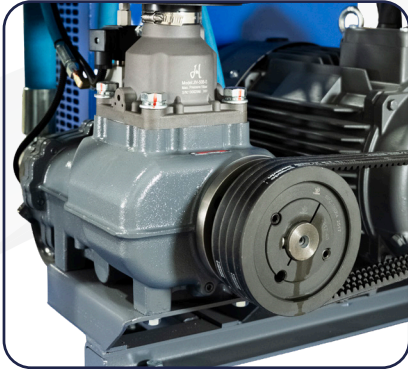
All models are fully assembled inside an acoustic enclosure for noise reduction. Their compact design requires minimal space and ensures extremely low noise levels, making installation easy in any workshop.

GENERAL FEATURES

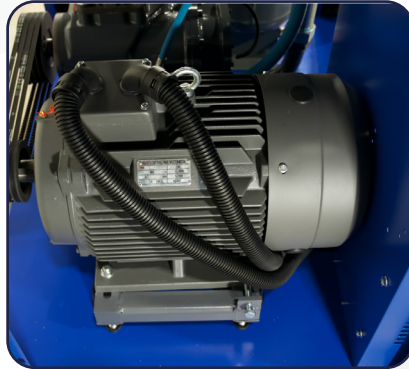


- **Single-stage, oil-lubricated, air-cooled screw air compressors.**
- **Designed for continuous operation in industrial applications.**
- **Available in 10 HP single-phase and 10–25 HP three-phase versions.**
- **High-efficiency air/oil separation system.**
- **High-efficiency electric motor.**
- **Oversized cooling system for high ambient temperatures.**
- **High-performance air and oil filters, resistant to humidity and pressure.**
- **Acoustic enclosure with high-density sound-insulating materials.**
- **Easy access for maintenance and oil drainage.**
- **Compliance with international safety and quality standards.**

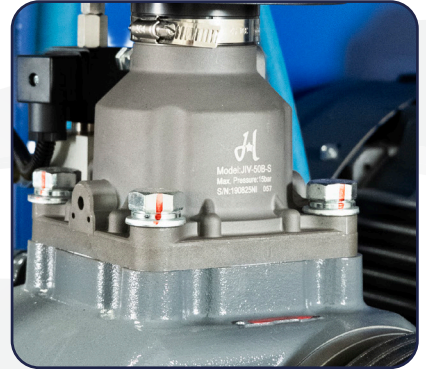
GENERAL FEATURES



Screw Compressor Unit:
High-efficiency male and female rotors, oil-lubricated during the compression process.



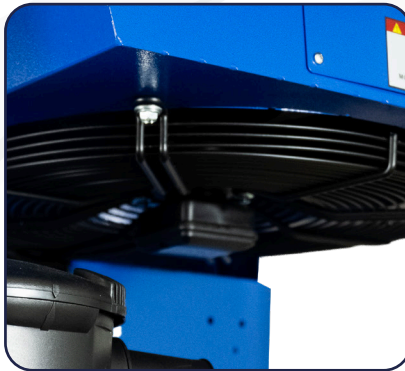
Electric Motor:
High-efficiency motor, single-phase or three-phase depending on the model, with IP54 protection.



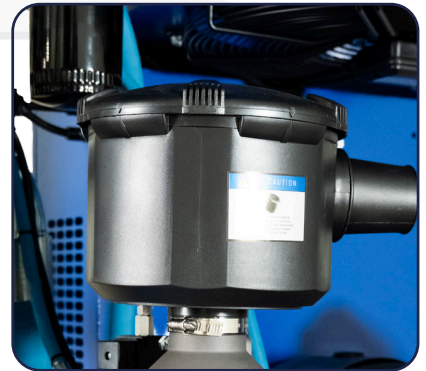
Automatic Intake Valve:
Dual-control system that optimizes compressed air demand.



Air/Oil Separation System:
Multi-stage separator with integrated tank and oil level sight glass.



Cooling System:
Aluminum oil cooler with fins and dedicated cooling fan.



Filtration System:
High-technology air and oil filters, resistant to humidity, pressure, and temperature.

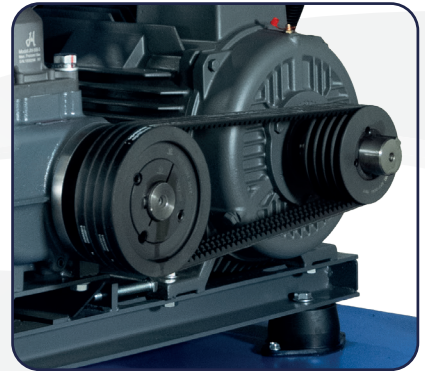
GENERAL FEATURES



Acoustic Enclosure:
Cold-rolled steel panels with anti-corrosion coating and acoustic insulation.



Electronic Control Panel:
Smart system that displays faults and preventive maintenance codes.



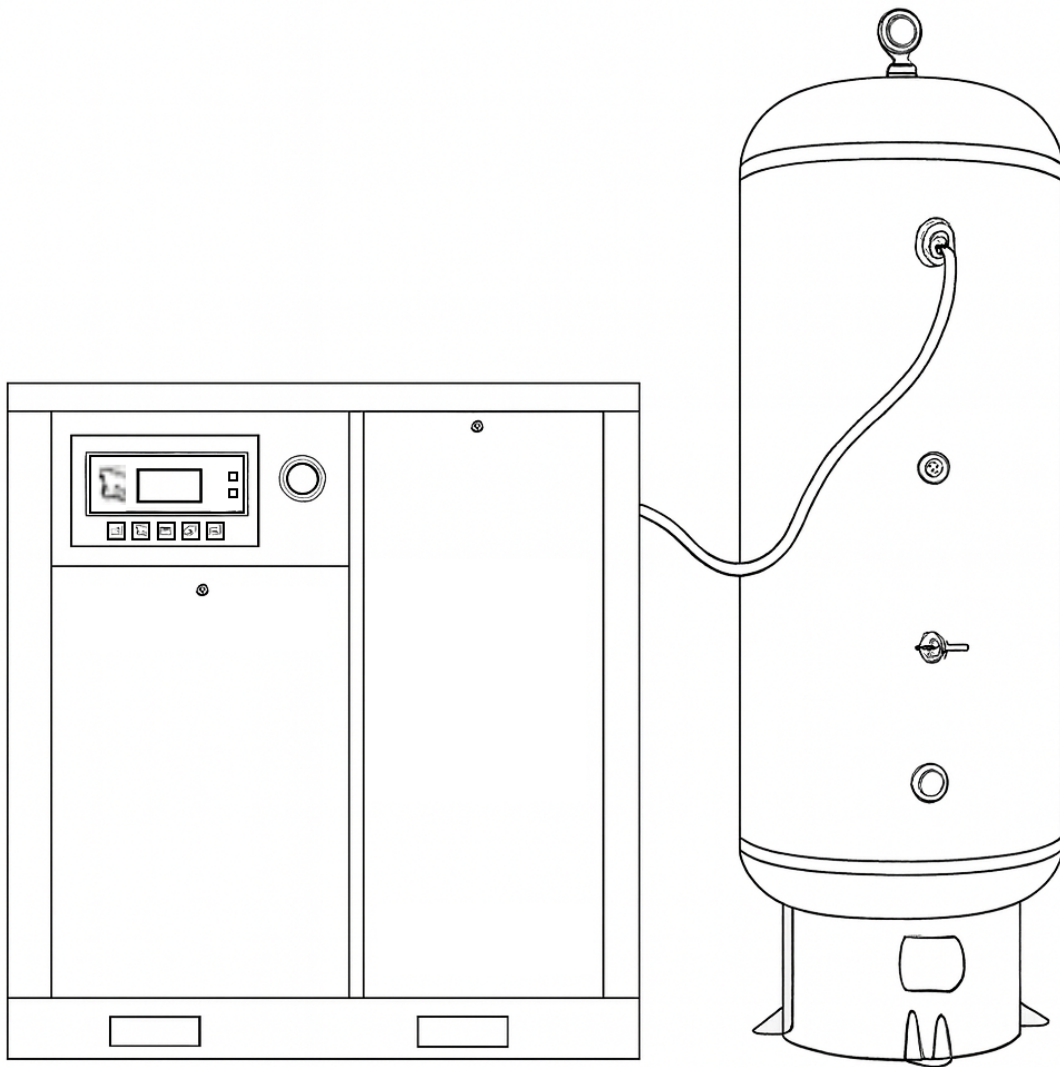
Transmission System:
International-standard pulleys and V-belts with easy-to-adjust tensioning system.



TECHNICAL SPECIFICATIONS

SPECIFICATION	DETAIL			
Model	10 HP (Single-Phase)		25 HP (Three-Phase)	
Power Supply	220 VAC / 60Hz / 50A		220 VAC / 60 Hz / 68A	
Motor Power (HP)	10		25	
Método de inicio	VSD		Y-▲ Star-Delta Start)	
Free Air Delivery – Supply Pressure (m³/min/Mpa)	(m³/min/bar)		(m³/min/bar)	
	1,2	7	1,2	7
	1,1	8	1,1	8
	0,9	10	0,9	10
Free Air Delivery – Discharge Pressure	(CFM/PSI)		(CFM/PSI)	
	42	102	113	102
	39	116	102	116
	32	145	92	145
Ambient Temperature	-5-+45 °C		-5-+45 °C	
Cooling Method	Air cooling		Air cooling	
Discharge Temperature	Ambient + 15 °C		Ambient + 15 °C	
Lubricant (gal)	1		4	
Noise Level (dB)	70±2		73±2	
Drive Method	Belt drive		Belt drive	
Dimensions (L x W x H)	34" x 30" x 38" (L x A x A)		48" x 38" x 46" (L x A x A)	
Net Weight	430 Lbs		882 Lbs	
Air Outlet Diameter	1/2"		1"	

LAYOUT **SCREW AIR COMPRESSORS** **10 HP SINGLE-PHASE LINE AND** **25 HP THREE-PHASE LINE**



Contact Us — We Speak Your Language. We're Here to Help You Grow.

☎ +1 (239) 245-1039

📍 11205 NW 131 St, Medley Fl, 33178. Unit 11225