



**HM Series 4-15kW/ 5-20 HP**  
ROTARY SCREW AIR COMPRESSORS  
0.58 to 2.62 m<sup>3</sup>/min  
7 to 10 bar



The HM Series from HASMAG comprises a range of rotary screw air compressor sets that are integrated, tank-mounted packages supplied ready for use.

Each model has been developed using innovative design concepts to achieve a compact layout and upgraded with heavy-duty components to satisfy the demands of Indian operating conditions.

Ideally suited for small-to-medium industrial applications with continuous air demand, the fully-featured HASMAG HM Series sets a new affordability benchmark for electric screw compressors without sacrificing performance, quality and reliability.

## → Features and Benefits

- **Compact turn-key compressor package** offers a simple plug-and-play solution with minimum installation cost and space requirements.
- **Soundproofed cabinet** with anti-vibration mounting of rotating components enables the unit to be installed directly within the working environment.
- **Precision technology rotary screw air-end** with advanced rotor profile and slow rotor speed ensures 24/7 reliability, high airflow output, low energy consumption and long service life.
- **High efficiency, MEPS compliant electric motor** also directly reduces energy consumption and carbon footprint.
- **7, 8 and 10 bar (102, 116 and 145 psi) outlet pressure capability** that is suitable for a broad range of compressed air applications.
- **Fan-forced after-cooling** minimizes water carry-over in the discharge air and increases the efficiency of any downstream air treatment equipment such as dryers and filters.
- **Star-delta motor starter** reduces both peak energy demand and shock-loading of the compressor's mechanical and electrical systems.
- **Multi-function electronic controller** with LED display serves as a user-friendly interface for compressor operation, system monitoring and protection, and maintenance scheduling.
- **Oversized twin receiver tanks** provide ample air storage capacity to prevent excessive system pressure fluctuations and facilitate more effective condensate removal.
- **Lift-off cabinet panels** are easily removable for maintenance access. **Spin-on oil filter and air/oil separator elements** minimize service downtime.
- **User configurable into separate compressor and air tank modules** for special purpose applications or restricted installation spaces.

## → Customer and Product Support

- **100-point pre-delivery inspection and full-load testing** carried out in India at our assembly plant
- **India-wide dealer network** offering sales, installation, service and genuine spare parts backup.
- **12-months parts and labour factory-backed warranty.**

## → Accessories

A full range of matching refrigerant dryers, in-line filters and other compressed air system components is available for HASMAG HM compressors. Please consult your local HASMAG dealer for application specific advice.



**Unitary Tank-Mounted Configuration (as supplied)**

## → User Configured Option



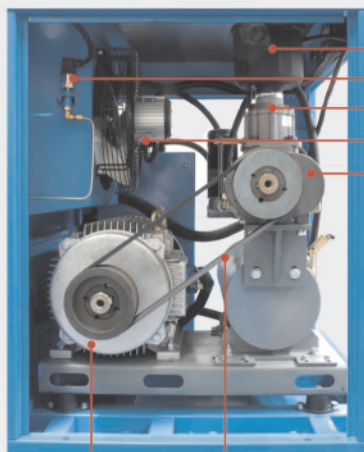
*Compressor*

*Air Tanks*

**Two-Piece Configuration**



## Equipment Design Details



High Efficiency Electric Motor V-Belt Drive

*Left side view with V-belt drive safety guard removed*



Oil Level Gauge Oil Drain Valve Electrical Cabinet

*Right side view*



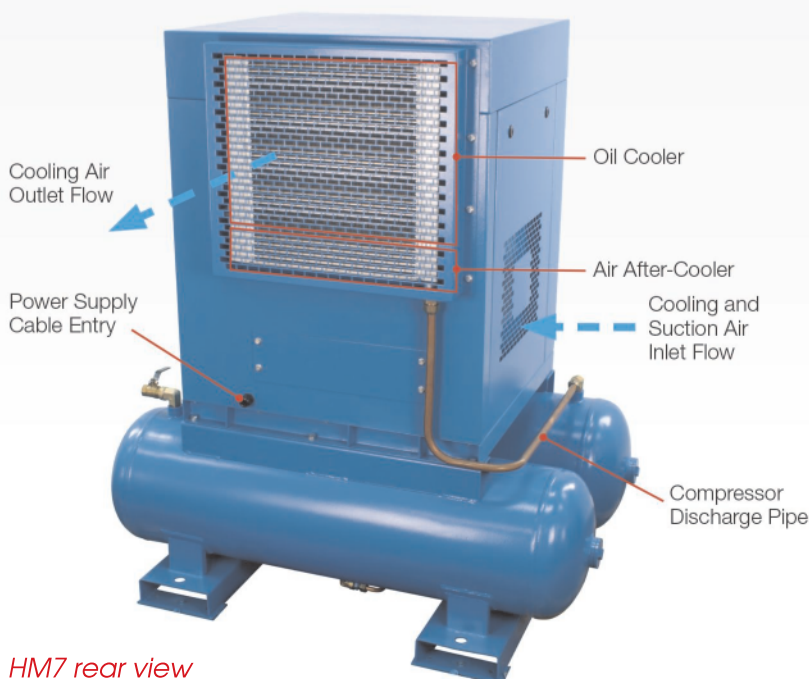
*HM15 shown with front and side panels removed*

## Multi-Function Electronic Controller



The electronic controller automatically monitors and controls the compressor's air, oil and electrical systems. It also tracks scheduled maintenance tasks for key components.

Sophisticated, yet with an intuitive and easy-to-use interface, the controller offers a full range of functions to optimize the compressor's efficiency, performance and reliability.



*HM7 rear view*

# Technical Data

Model	Pressure (kg/cm <sup>2</sup> G)	Capacity HP	Capacity kW	Free Air Delivery Cu. m/min	Free Air Delivery CFM	Noise dB (A) @ 1m	Air outlet (BSP)	Weight (kg)	L x W x H (cm)
HM 5/7	7	5	4	0.58	20.47	62			
HM 5/8	8	5	4	0.51	18.00	62	1/2"	362	133 x 94 x 143
HM 5/10	10	5	4	0.42	14.83	62			
HM 7/7	7	7.5	5.5	0.89	31.42	67			
HM 7/8	8	7.5	5.5	0.82	28.95	67	3/4"	376	133 x 94 x 143
HM 7/10	10	7.5	5.5	0.70	24.71	67			
HM 10/7	7	10	7.5	1.20	42.37	67			
HM 10/8	8	10	7.5	1.10	38.84	67	3/4"	381	133 x 94 x 143
HM 10/10	10	10	7.5	0.97	34.25	67			
HM 15/7	7	15	11	1.70	60.02	70			
HM 15/8	8	15	11	1.60	56.49	70	1"	507	151 x 103 x 155
HM 15/10	10	15	11	1.43	50.49	70			
HM 20/7	7	20	15	2.62	92.51	70			
HM 20/8	8	20	15	2.45	86.50	70	1"	535	151 x 103 x 155
HM 20/10	10	20	15	2.17	76.62	70			



Complete Set



Compressor



Air Tanks

Authorized Hasmag Dealer



Specifications are subject to change without notice