



MSM 5.5 - 15 kW

Oil-injected screw  
Compressors  
Belt driven

The perfect solution for  
the small businesses.





## MSM 5.5 - 15 kW

Compressed air drives most of the businesses, consequently choosing the right compressor is one of the most important decisions your company can make. Our MSM range is a robust and reliable belt driven oil-injected screw compressor - a first-class product that can be easily equipped with an air receiver, a refrigerant dryer, pre and post filters, offering you a compact and complete solution for your business.

The MSM legendary reputation was built throughout the years based on MARK's constant investment in new technologies and quality improvement, being today a safe choice that you will never regret.

Bring fresh air into your company and enjoy the performance, simplicity and the reliability that only MARK can offer.

## User benefits

### A Complete Solution

- Very compact all in one design
  - Base mounted unit requires less than a square meter
  - Available on air receiver
  - Also with dryer and filters if needed
- Full protected for transport
- No special foundation required
- Very low vibration and noise level
  - Easily installed inside the workshop, very close to the air usage point

### Legendary reliability

- Robust and reliable design
- Built with first-class components
- New generation of rotary screw element allows you to work on 100% continuous duty cycles and very hard working conditions
- An oversized ventilation ensures low internal temperatures, making your compressor live better and longer
- The complete unit is designed to operate at ambient temperatures up to 46° C/115 ° F

### Easy Maintenance and Accessibility

- All service components located at the front of the machine for excellent accessibility
- All service components strategically located for excellent accessibility
- Oil-level sight glass at the front, visible without removing any panel
- Easy and quick check thanks to the controller
- Service and cleaning is a one person job

### Cost Efficiency

- Reliable design
- Low maintenance costs
- Long service intervals
- Low energy consumption, thanks to reputed IE3 Motors and advanced screw compressor element
- High performing lubrication and cooling systems



### Optional and standard features

DESCRIPTION	Factory	Sales
OIL 8000H	✓	✗
FOOD GRADE OIL10	✓	✗
270L AIR RECEIVER	✓	✗
500L AIR RECEIVER	✓	✗
270L AIR RECEIVER + REFRIGERANT DRYER	✓	✗
500L AIR RECEIVER + REFRIGERANT DRYER	✓	✗
270L AIR RECEIVER + REFRIGERANT DRYER + PRE AND POST FILTERS	✓	✗
500L AIR RECEIVER + REFRIGERANT DRYER + PRE AND POST FILTERS	✓	✗
TIMER DRAIN ON AIR RECEIVER	✓	✗
STIRRUPS FOR TRANSPORT	✓	✗
WOODEN CRATE	✓	✗

✓ = available ✗ = not available



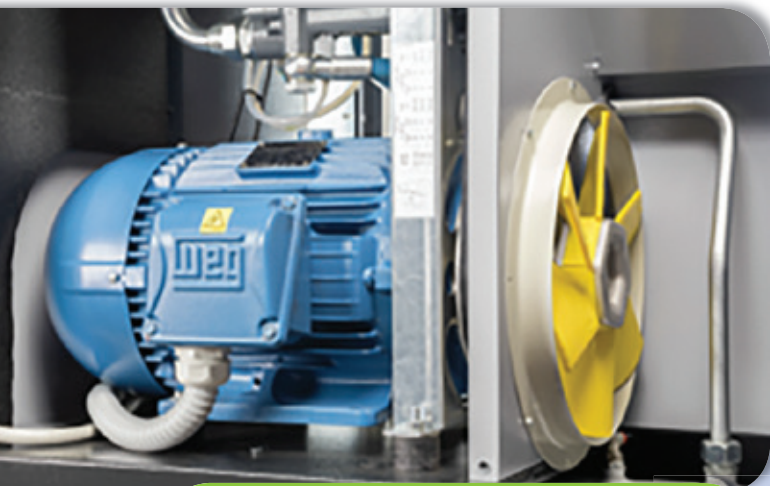


## SMART TECHNICAL ADVANTAGES



### A COMPLETE SOLUTION

- Save space and money with tank mounted installations including dryer and filters.
- The complete solution not only saves costs on installation, but also reduces the risk of air leakages in your workshop.



### TOTAL RELIABILITY

- Built for 100% continuous duty cycle.
- The complete unit is designed to operate at ambient temperatures up to 46° C/115° F.
- An oversized ventilation ensures low internal temperatures, making your compressor live better and longer.



### ROBUST AND EFFICIENT COMPRESSOR ELEMENTS

A new generation of compressor elements, provides top performance allied to low energy consumption and a very long lifetime for your investment.



### HIGH QUALITY AIR DELIVERY

- Units built on an air receiver can be equipped with a air treatment package composed by a refrigerant dryer, pre and post filters.
- This air treatment package guarantees dry and very clean air, perfect for the most demanding applications.

# THE PERFECT SOLUTION FOR THE SMALL BUSINESSES

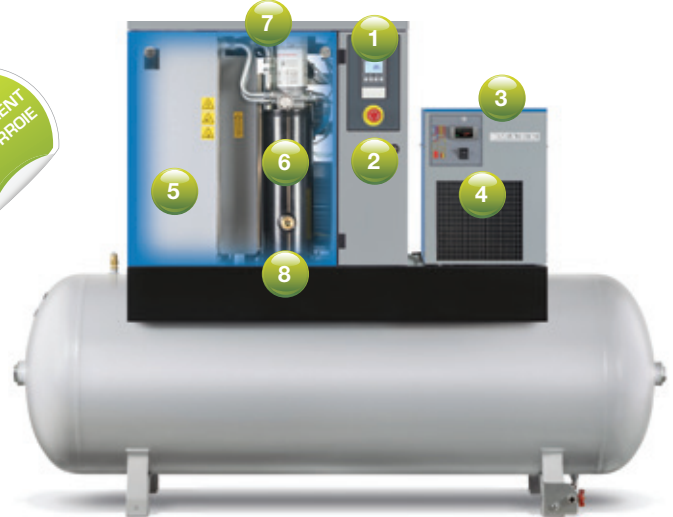
## »»» MSM 5.5 - 15 kW

Easy to use, efficient and reliable, the MSM range meets the compressed air demands of tire shops, paint shops, car dealers, maintenance shops, small industries in general.

Quiet by design, the MSM can be installed almost anywhere in the workshop, without disturbing your working environment. Base mounted or tank mounted, with or without dryer and filters, the MSM is a complete solution for your business.



## »»» Components



- 1 Controller
- 2 Emergency stop
- 3 PDP controller
- 4 Dryer switch

- 5 Oil cooler
- 6 Oil separator vessel
- 7 Oil filter and oil separator
- 8 Oil level sight glass
- 9 Electric motor

- 10 Belt drive system
- 11 Compressor element
- 12 Refrigerant dryer
- 13 Pre and post line filters
- 14 Safety valve



## »»» Intelligent monitoring, control and protection

The ES 4000 Basic Controller offers advanced monitoring and simple day-to-day configuration and control for your operation.

- Icon-based display with pressure and temperature readings
- Running hours, load hours
- Maintenance warnings
- Failure alarms
- Fast pressure setting directly on the controller
- Remote start-stop
- Automatic restart after power failure

# MSM 5.5 - 15 kW



## Technical data

Model	Max. Working Pressure	Reference Working Pressure	Motor Power		Free Air Delivery @ reference conditions *			Noise Level **	Weight			
	Bar	Bar	kW	hp	m <sup>3</sup> /h	l/s	cfm	dB(A)	Base Mounted	270L Tank	270L Tank Dryer	270L Tank Dryer and Filters
MSM 5.5	8	7,5	5,5	7,5	50,8	14,1	29,9	64	160	207	242	247
	10	9,5			41,8	11,6	24,6					
MSM 7.5	8	7,5	7,5	10	68,4	19,0	40,3	65	170	217	250	255
	10	9,5			59,8	16,6	35,2					
	13	12,5			46,8	13,0	27,5					
MSM 11	8	7,5	11	15	97,2	27,0	57,2	69	185	232	265	270
	10	9,5			85,0	23,6	50,0					
	13	12,5			69,1	19,2	40,7					
MSM 15	8	7,5	15	20	111,6	31,0	65,7	71	200	247	280	285
	10	9,5			100,8	28,0	59,3					
	13	12,5			79,9	22,2	47,0					

\* Unit performance measured according to ISO 1217, Annex C, latest edition

\*\* Noise level measured according to ISO 2151:2004 using ISO 9614/2

500L Tank mounted variants. Weight = 50kg extra.

All Air Outlet Connections = G 3/4



## Dimensions

	Length mm	Width mm	Height mm
BASE	850	720	980
270L	1543	720	1337
500L	1945	720	1468



Oil injected  
screw compressors,  
belt driven - MSM

**MARK**



- A high quality product offering you **technology you can trust**.
- Our products are **easy to use** and guarantee high **reliability**.
- Distributors are always nearby ensuring **availability** of both products and support.
- Choosing our high performance products entails a **partnership** that will boost your business.
- Safeguarding long-term productivity through optimal **serviceability** and use of original parts.



Care. Trust. Efficiency.

#### Care.

Care is what service is all about: professional service by knowledgeable people, using high-quality original parts.

#### Trust.

Trust is earned by delivering on our promises of reliable, uninterrupted performance and long equipment lifetime.

#### Efficiency.

Equipment efficiency is ensured by regular maintenance. Efficiency of the service organization is how Original Parts and Service make the difference.

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