

FIXED SPEED SPECIFICATIONS

MODEL	POWER		AIR FLOW m ³ /min			AIR OUTLET BSP	NOISE LEVEL dB(A)	Dimensions mm (L x l x H)	Weight kg
	kW	HP	7,5 bar	10 bar	13 bar				
MSD 45	45	60	8,5	7,1	5,9	1 1/2"	74	2000 x 1200 x 1810	1370
MSD 55	55	75	9,8	8,7	7,0	1 1/2"	76	2000 x 1200 x 1810	1520
MSD 75	75	100	12,6	10,5	9,2	1 1/2"	78	2000 x 1200 x 1810	1670
MSD 75P	75	100	14,1	11,5	9,6	2"	78	2500 x 1400 x 2037	2200
MSD 90	90	125	16,2	13,7	11,2	2"	79	2500 x 1400 x 2037	2240
MSD 110	110	150	19,5	17,9	NA	2"	79	2500 x 1400 x 2037	2640
MSD 132	132	180	23,4	20,0	16,5	2 1/2"	79	2750 x 1750 x 2000	2970
MSD 160	160	220	28,0	23,5	20,0	2 1/2"	79	2750 x 1750 x 2000	3080
MSD 200	200	270	37,0	30,8	24,5	NW100	79	3250 x 2250 x 2400	4920
MSD 250	250	340	45,0	38,6	32,6	NW100	79	3250 x 2250 x 2400	5600
MSD 315	315	430	53,0	45,5	39,5	NW125	79	3250 x 2250 x 2400	5920

VARIABLE SPEED SPECIFICATIONS

MODEL	POWER		AIR FLOW RANGE m ³ /min			AIR OUTLET BSP	NOISE LEVEL dB(A)	Dimensions mm (L x l x H)	Weight kg
	kW	HP	7,5 bar	10 bar	13 bar				
MSD-V 50	50	67	1,5 - 9,0	1,5 - 7,5	1,5 - 6,3	1 1/2"	74	2000 x 1200 x 1810	1200
MSD-V 60	60	80	1,9 - 10,6	2,0 - 8,9	2,0 - 7,4	1 1/2"	76	2000 x 1200 x 1810	1385
MSD-V 75	75	100	1,9 - 12,8	2,1 - 10,8	NA	1 1/2"	78	2000 x 1200 x 1810	1450
MSD-V 75P	75	100	3,0 - 14,3	3,0 - 10,5	NA	2"	78	2500 x 1400 x 2037	1900
MSD-V 90	90	125	3,0 - 16,5	3,3 - 14,0	NA	2"	79	2500 x 1400 x 2037	2020
MSD-V 125	125	170	3,3 - 21,5	3,3 - 18,0	3,3 - 15,2	2"	79	2500 x 1400 x 2037	2380
MSD-V 150	150	200	3,5 - 26,0	3,5 - 21,3	3,5 - 18,6	2 1/2"	79	2750 x 1750 x 2000	2875
MSD-V 180	180	240	5,0 - 30,2	5,5 - 25,3	5,5 - 22,0	2 1/2"	79	2750 x 1750 x 2000	3080
MSD-V 220	220	295	5,5 - 40,4	5,5 - 33,2	NA	NW100	79	3250 x 2250 x 2400	4920
MSD-V 275	275	370	6,0 - 49,0	6,0 - 41,0	6,0 - 36,0	NW125	79	3250 x 2250 x 2400	5920



www.mac3.fr



Equipment complying
with EU regulation
in force.
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Your distributor:



MSD

45 to 315 kW



Rotary screw compressors
Direct drive

- Economy
- Ergonomics
- Efficiency
- Reliability

MSD range

POWERFUL AND RELIABLE

HIGH-PERFORMANCE SOLUTION TAILORED TO YOUR COMPRESSED AIR NEEDS

Easily removable canopy panels allowing quick access to all components
Soundproof canopy with fireproof insulating material

Centrifugal condensate separator integrated for a better quality of compressed air

Oversized inlet valve guarantees efficient operation and optimum performances

The whole set is mounted on anti-vibration pads

- to reduce noise level
- to absorb vibrations

3-level separation system
Long-life filter element ensures oil carryover lower than 3ppm

Solid frame

- easy forklift handling
- small footprint

High-performance airend reliable and widely renowned

Electronic, intuitive and ergonomical controller

- alarms and faults
- preventive maintenance
- remote control



Renowned electrical components

- phase control relay as a standard
- integrated short-circuit breaker



Air cooling system

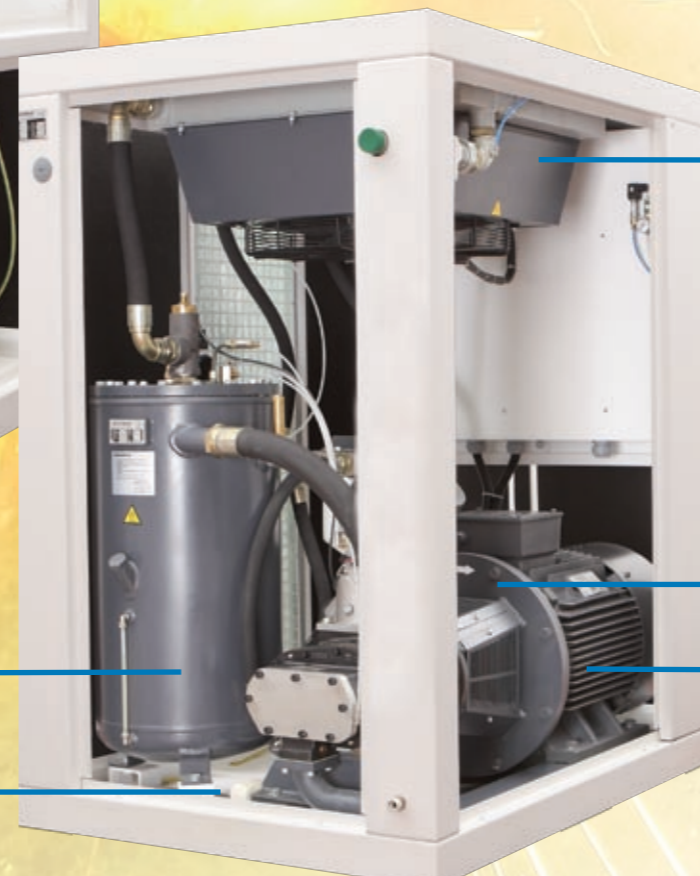
- Oil cooler and aftercooler oversized
- Fluid temperature controlled by thermostatic valve
- Temperature regulated cooling fan

Direct drive:

- gears integrated in the airend
- flexible coupling
- bell housing coupling protection

High-efficiency electrical motor

- IP55 class F insulation
- Y-Δ starter



EXTENDED WARRANTIES AS A STANDARD

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The quality of our products allows us to offer 5-year* extended warranties on:

- Air end
- Main motor
- Separator
- Cooler
- Controller

* Extended warranties are contractual, available through our distribution network.

ADVANTAGES

- Optimum specific power
- Operating up to 43°C ambient temperature
- Supplying high quality air with oil carryover lower than 3 ppm
- Renowned quality components
- Efficient electronic controller
- High performance thanks to direct drive
- Wide range of variable speed models

ERGONOMICS

- Quick start-up
- Simple use
- Easy servicing
- Electronic controller
- Preventive maintenance

VARIABLE SPEED OPTION

Variable speed technology is particularly well adapted to installations with significant variations in compressed air consumption.

It allows to adapt automatically compressed air supply to requirements, guaranteeing a constant network pressure in the same time.

Up to 35% energy savings = quick payback!

Fixed speed compressor



- Energy consumption
- Maintenance
- Investment
- Savings up to 35%

Variable speed compressor



FROM 50 kW TO 275 kW

Numerous advantages for users:

- Wide regulation range
- Significant energy savings at part load
- Low locked rotor amps, soft starting
- Elimination of unload phases
- Compressed air supply with constant pressure
- High-performance electronic controller

