



Born for High Pressure Applications!



MSS 15-22 TMDD

High Pressure Variable Speed Permanent Magnet Screw Air
Compressor Package: Total Solution

iPM VSD Direct Drive Compressors

Why Energy Efficiency?

Energy costs represent about 70% of the total operating cost of your compressor over a 5-year period.

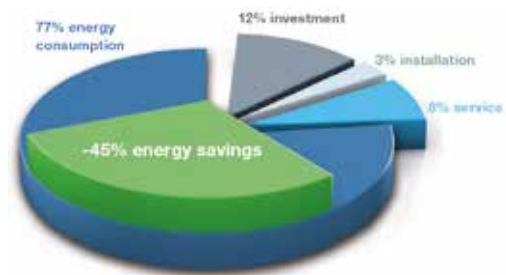
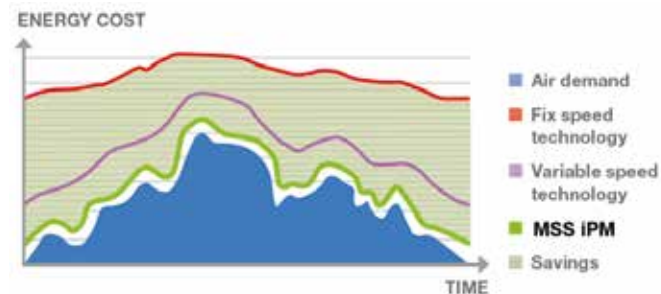
That is why efficiency, reducing the energy consumption of your compressed air installation should be a major focus.

Why Variable Speed?

As a majority of customers have a variable demand for compressed air, a variable speed compressor is superior vs. a fixed speed compressor in terms of energy savings by perfectly matching air supply to air demand and avoiding unload losses.

Why MARK iPM?

The MARK iPM range combines our variable speed technology with our new and highly efficient drive train with iPM motor technology and evolved the energy efficiency of variable speed compressors to new level, resulting in energy saving of up to 45%.



iPM Technology Can Save upto 45% of Energy If Chosen Wisely

Innovative design offers additional benefits











- 1 Controller :**
 - Variable speed control to match demand
 - 7" touch controller with flow diagram guaranteeing lowest electricity bill
- 2 iPM Screw air compressor :**
 - High efficiency screw profile - IE4, PM motor with direct drive guaranteeing more capacity at lowest power
- 3 Pre, Fine and Carbon Filter :**
 - Effectively removes oil and oil vapor from compressed air Protects lens and lens head
- 4 Refrigerated Dryer:**
 - Effectively removes moisture to avoid corrosion for improved product finish
- 5 Water Separator :**
 - Reduces load on Dryer hence minimizing drying cost
- 6 Tank Mounted Design :**
 - All in one solution offers compact, convenient and cost effective design

Smart Plug & Play Solution for Productivity & Energy Saving:

1. All-in-one high pressure air solution designed for plug and play
2. iPM-VSD technology promises enhanced energy saving
3. Moisture free and technically Oil Free air, guarantees quality high pressure applications
4. Compact and Tank Mount Design ensures lowest pressure loss
5. Silent, Simple and Safe operation for increased productivity



Technical Data

Model	Working pressure	Motor Power		Capacity			Noise Level dB(A)	Weight	Connection	Dimension	Tank
											
	Mpa	HP	kW	l/s	cfm	m³/min	50Hz	kg		LxWxH(mm)	L
MSS15-15 PM	1.5	20	15	8.6 - 22.8	18 - 48	0.5 - 1.4	70	240	R3/4"	905x740x1011	
MSS22-15 PM	1.5	30	22	11.0 - 35.7	23 - 76	0.7 - 2.1	70	260	R1"	1005x895x1279	
MSS15-15 PM TMDD	1.5	20	15	8.6 - 22.8	18 - 48	0.5 - 1.4	70	515	G1"	1875X900X1651	270
MSS22-15 PM TMDD	1.5	30	22	11.0 - 35.7	23 - 76	0.7 - 2.1	70	585	G1"	1875X920X1918	270

Power supply: 400V/3 phase/50 Hz.

Unit performance measured according to ISO1217, Annex C, latest edition and ISO 2151

Unparalleled Expertise



Availability



Reliability



Partnership



Safety



Serviceability



Simplicity

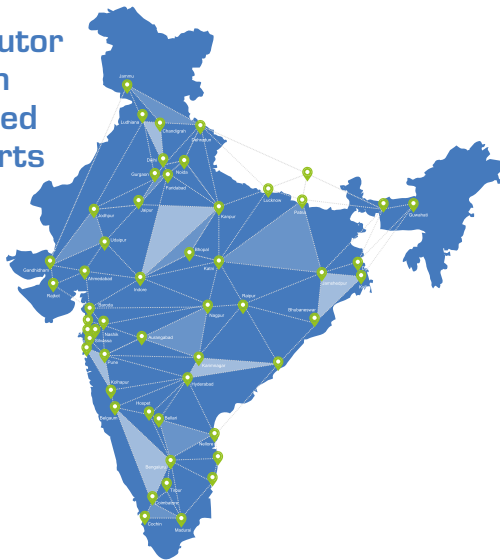


Quality



More Savings

Wide Distributor
Network with
Factory-trained
Service Experts



Care. Trust. Efficiency.



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Contact your local sales representative now!