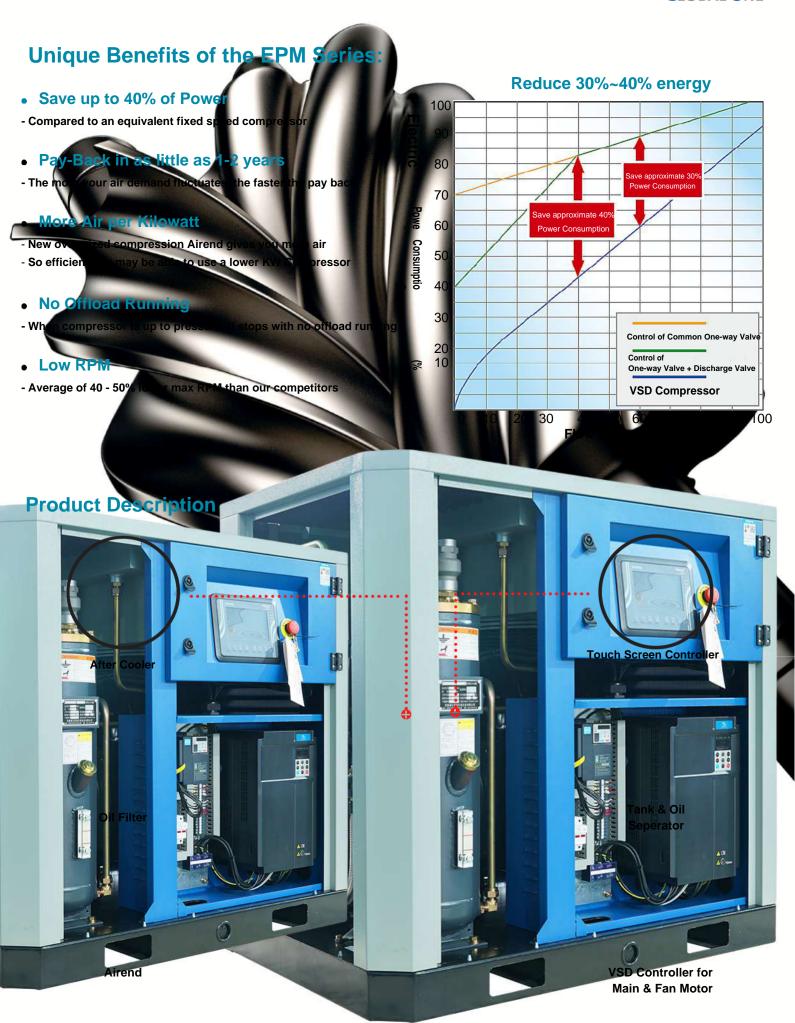


Anest Iwata Motherson Anest Iwata Motherson (AIM) is a joint venture b nest Iwata Corporation, Japan and Motherson Group, India. Anest Iwata Corporation is one of the global leaders in Air Compressors and Vacuum Pumps with more than 9 decades of inspiring history of technological excell Anest Iwata Motherson is committed t ight it s by ensuring supply of the best quality products, ces at opti ales serv supported with effective after The company has two state-of-the-art manufacturing ales and se wide network of vice ce across India. 2019 **Rotary Vane** um Pump Launched pressor Sale nest Iwata Inspiring History Reciprocating Va Pump Launched in India Second in Greater I













es Fermanent Magnet Drive Features Anest Iwata

Oversized High Efficiency Airend,

On average 40-50% lower max RPM than our

• competitors Increased efficiency by 5-10%

Large oversized rotors for low rotational speed

· Asymmetric rotor profile for increased sealing between

• Triple lip shaft seals

• Dual back to back taper rolling bearings

Oil seal leak recovery system

High Efficiency IPM Motor

- · Soft start on main and fan motor
- Variable range of 30-100%
- Can dramatically reduce running hours & power consumption
- Direct Drive (1:1 ratio) eliminates gearing or transmission losses

No off load running

Special Dual Housing Oil-Cooled Motor

The Airend lubricant also cools the motor in a design in which the two housings are incorporated into one, with space left for an oil channel between the inner & outer housing. This design helps cool the motor more

efficiently than the traditional air cooling fan system and reduces power consumption. The Airend and motor use a simple morse connection which is easy for installation and dismantlement

erior V

Variable Speed Drive (VSD) Inverter

The Advance inverter has a massive 30-100% variable range which converts AC to DC to control the new IPM motor. According to your air consumption the inverter will automatically adjust the IPM motor to suite your air demand while keeping a stable pressure of 0.1bar. The fan motor also has its own individual VSD feature which modulates the fan speed to keep a constant temperature.



h colour screen with button and touch panel

peration screen readings for pressure/ temperature/ power/ frequency/ run hours/compressor status

• Day time scheduling on/off and pressure (4 different times/pressure allowed per day) to maximize savings

Master slave operation (Maximum of 16 compressors)

Stop start remote

vice intervals/ alarm

and Time

story alarms

DBUS RTU protocol



Resistant



Trust

-flow, leak-proof design.

el piping (with high-flow characteristics) pil pressure losses and the risk of loss through the normal ageing of

rubber hoses

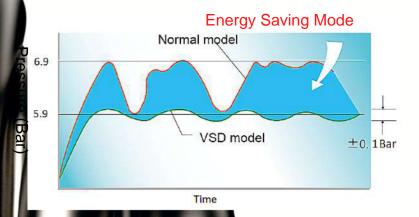
bses employ a combination of compression rings to offer a leaktion free operation.

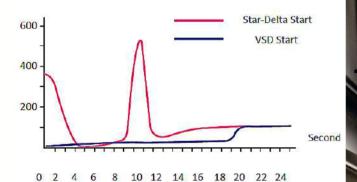


Advantages of EPM Series Screw Compressor

Keeps Constant Air Supply

- The compressor keeps constant pressure of air supply under the required pressure.
- With big air demand, the pressure keeps contained by rotating peed complements to a sure air demand
- With male air idemand, the press is keeps constant and the conting speed decreases to constant sufficient air demand





Tarable spied soft start, less imposite the power grid

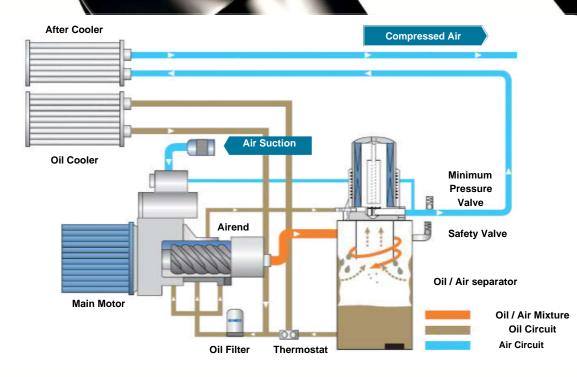
Tarable spied soft start eliminates appeak current when
the ing; a smooth start can led to the power apply,
the ment costs, as well as the least on the least of the least

VSD-Permane. Efficiency

• The Interior Permanent societ (IPM) motor uses DC power via the compressor to match our air demands. Once up to pressuinduction motors found on most VFD compressors are limited the and therefore, cannot match the efficient of the IPM motor. The which can dramatically resuse both total society and power.

speed up and slow down in no offload running. AC nor they can structart, having distart-sop anility

System diagram





Technical Specifications

					A				
Model	Po	wer	Capacity		Pressure	Dimensions	Weight	Noise level	Outlet
	Kw	HP	m3/min	CFM	Bar	mm	Kg	at 1m	Size
AIM 25 EPM-7			0.98 - 3.7	35 - 131	7				
AIM 25 EPM-8	18.5	25	0.93 - 3.5	33 - 124	8	1200 x 800 x 1100	480	68 ± 3dB	R 1
AIM 25 EPM-10			0.73 - 2.9	26- 102	10		!		'
AIM 30 EPM-7			1.2 - 4.1	42- 145	7				
AIM 30 EPM-8	22	30	1.2 - 4.0	42 - 141	8	1200 x 800 x 1100	560	66 ± 3dB	R 1
AIM 30 EPM-10			1.1 - 3.5	39 - 124	10		<u> </u> !	 '	
AIM 40 EPM-7			1.86 - 6.2	66- 219	7				
AIM 40 EPM-8	30	40	1.83 - 6.1	65- 215	8	1300 x 950 x 1370	830	68 ± 3dB	R1 1/2
AIM 40 EPM-10	1!		1.3 - 5.2	46- 184	10		1!	1'	
AIM 50 EPM-7			2.2 - 7.3	78 - 258	7				
AIM 50 EPM-8	37	50	2.16 - 7.2	76 - 254	8	1300 x 950 x 1370	850	69 ± 3dB	R1 1/2
AIM 50 EPM-10	1!	l	1.58 - 6.3	56 - 222	10		1!	 '	
AIM 60 EPM-7			2.35 - 9.4	82 - 332	7				
AIM 60 EPM-8	45	60	2.33 - 9.3	82 - 328	8	1300 x 1030 x 1520	890	70 ± 3dB	R1 1/2
AIM 60 EPM-10	1 _'		2 - 8	71 - 283	10		1!	1'	1
AIM 75 EPM-7			3.4 - 11.3	120 - 399	7				
AIM 75 EPM-8	55	75	3.3 - 11	117 -388	8	2300 x 1350 x 1500	1300	76 ± 3dB	RC 2
AIM 75 EPM-10	1!	[_J	2.63 - 10.5	93 - 371	10	!	1!	'	1
AIM 90 EPM-7			3.81 - 12.7	135- 449	7				
AIM 90 EPM-8	63	90	3.75 - 12.5	132 - 441	8	2300 x 1350 x 1500	1800	76 ± 3dB	RC 2
AIM 90 EPM-10	1!	[_J	3.01 - 12.3	106 - 434	10		1!	'	
AIM 110 EPM-7			4.86 - 16.3	172 - 576	7				
AIM 110 EPM-8	75	100	4.8 - 16	170 -565	8	2900 x 1620 x 1692	2800	75 ± 3dB	DN65
AIM 110 EPM-10	1!	[_J	4.1 - 13.7	145 - 484	10		1!	'	
AIM 125 EPM-7			5.45 - 20.6	192 - 727	7	1			
AIM 125 EPM-8	90	125		173 - 692	8	2900 x 1620 x 1692	2900	77 ± 3dB	DN65
AIM 125 EPM-10	1 1	1 1	4.72 - 17.1	167- 604	10	1			
AIM 150 EPM-7			7.2 - 24	254 -848	7		3250		
AIM 150 EPM-8	110	150		318 - 812	8	2800 x 1750 x 1692		77 ± 3dB	DN65
AIM 150 EPM-10	1 1	1 1	6-20	212 - 706	10		1	1	

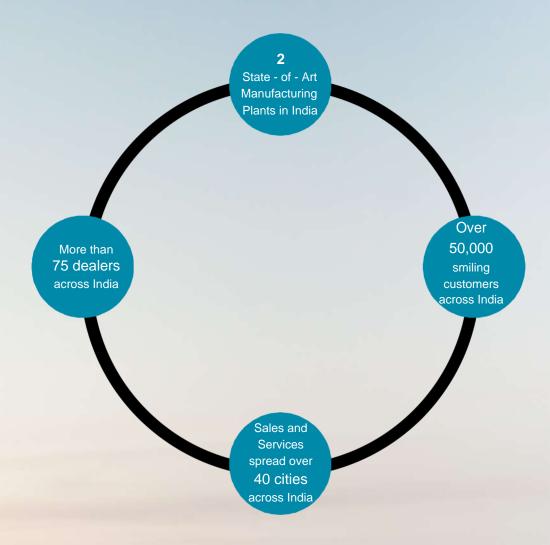
Note:

- Standard Voltage is 400V/50Hz
- Free Air Delivery (FAD) is measured as per ISO 1217 Annexure C
- All performance parameters are as per JIS (Japanese Industrial Standards)
- All standard models are air-cooled
- Vertical Air Tanks are available from 500 to 5000 liters
- Standalone Refrigerated Air Dryers, Heatless Air Dryers, Oil Removal Filters, Auto Drain Valves are also available





We are closer than you think!





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Email: ggn.anestiwata@outlook.com





ISO-9001

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