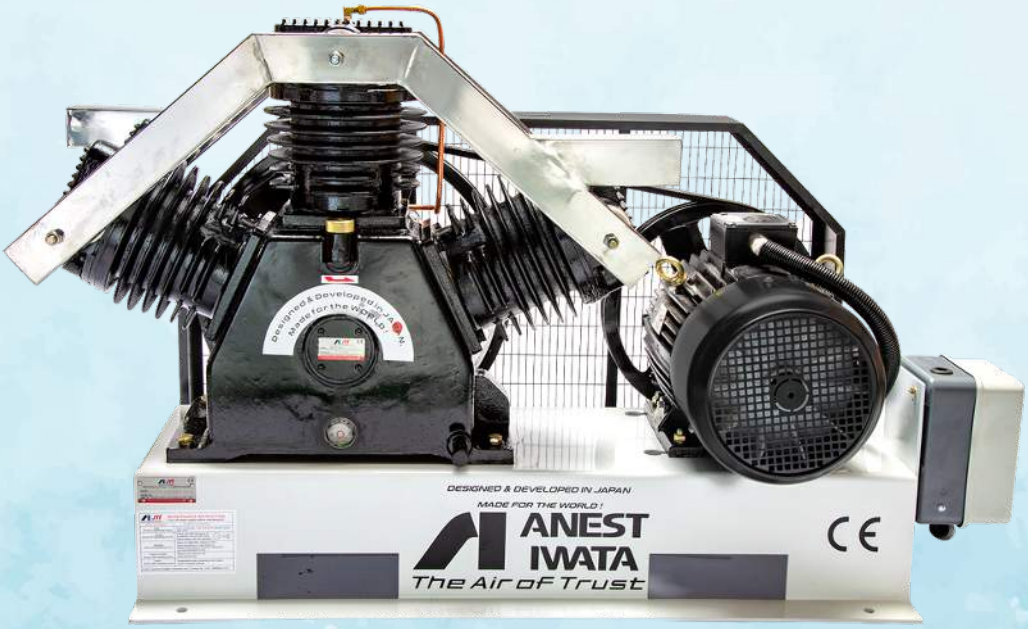
ANEST IWATA motherson

Reciprocating Vacuum Pump



Active with Newest Technology

Proud to be part of samvardhana motherson

Anest Iwata Motherson

Anest Iwata Motherson (AIM) is a joint venture between Anest 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 excellence.

Anest Iwata Motherson is committed to delighting its customers by ensuring the supply of the best quality products, supported with effective after-sales services at optimum value. The company has two state-of-the-art manufacturing facilities and a wide network of sales and service centers spread across India.

Anest Iwata Inspiring History

1926
Established In Japan

1928
First Reciprocating Compressor Manufactured

1977
Screw Air compressor Launched

1984
World's First Oil-Free Reciprocating Compressor with "Seize Free Technology" Launched



1991
World's First Oil-Free Scroll Air Compressor Launched



1993
World's First Oil-Free Scroll Vacuum Pump Launched

2000
Anest Iwata Motherson Established

2004
World's First Oil-Free Booster Compressor Launched

2005
Braking Compressor for Indian Railways Launched

2010
Second Facility Inaugurated in Greater Noida (India)

Second Facility in Greater Noida



2012
Oil-Free Claw Air Compressor Launched

2013
Reciprocating Vacuum Pump Launched in India

2015
MEGASY Series Medical Air & Vacuum Unit Launched

2017
Electric Bus Compressor Launched

2018
Screw Air Compressor Sales Started in India

2019
Rotary Vane Vacuum Pump Launched

2022
"ARID" Air Dryer Launched



Salient Features

- Cast iron design for durability and long life
- Specially designed Stainless Steel Manifold
- Low noise - Ideal for Hospital applications
- Higher efficiency resulting in power saving
- Low oil carryover and low maintenance cost
- Compact and easy to install - No foundation required
- Special honing of cylinders resulting in low friction between cylinders and pistons

Major Applications

Hospitals **Laboratories** **Food Processing**

Packaging **Dairy** **Dental** **Paper & Printing**













Technical Specifications





Base Mounted

Model	No. of Cylinders	Piston Displacement		Vacuum (Hg)		Power		Dimensions	Weight (Approx)	Outlet Size
		LPM	CFM	Inch	mm	HP	kW	L x W x H (mm)	Kg	(Inch)
BVLS 20DE (A)	2	984	35	29.4	745	2	1.5	1150 x 505 x 616	115	1"
BVLS 30DE (A)	2	1135	40	29.4	745	3	2.2	1150 x 505 x 616	125	1"
BVLS 50DE (A)	2	1707	60.3	29.4	745	5	3.7	1150 x 505 x 616	185	1"
BVLS 75DE (A)	2	3141	111	29.4	745	7.5	5.6	1275 x 605 x 702	220	1 - 1/2"
BVLS 100DE (A)	3	4320	152.6	29.4	745	10	7.4	1375 x 605 x 810	260	1 - 1/2"

Tank Mounted

Model	No. of Cylinders	Piston Displacement		Vacuum (Hg)		Power		Tank Size	Dimensions	Weight (Approx)	Outlet Size
		LPM	CFM	Inch	mm	HP	kW	Liters	L x W x H (mm)	Kg	(Inch)
TVLS 20D - 28E	2	984	35	29.4	745	2	1.5	280	1560 x 565 x 1115	260	1"
TVLS 20D - 50E	2	984	35	29.4	745	2	1.5	500	1860 x 670 x 1250	325	1"
TVLS 30D - 28E	2	1135	40	29.4	745	3	2.2	280	1560 x 565 x 1115	265	1"
TVLS 30D - 50E	2	1135	40	29.4	745	3	2.2	500	1860 x 670 x 1250	330	1"
TVLS 50D - 28E	2	1707	60.3	29.4	745	5	3.7	280	1560 x 565 x 1115	280	1"
TVLS 50D - 50E	2	1707	60.3	29.4	745	5	3.7	500	1860 x 670 x 1250	345	1"

Note:- All BVLS Models with (A) are special packages available with additional accessories (Silencer, Vacuum Switch, Vacuum gauge, Line Filter)

- **In a single-stage configuration, a 745mm (29"Hg) vacuum at sea level can be achieved**
- **Supply options: Complete functional unit with Base mounted and Tank-mounted options**
- **All performance parameters are as per JIS (Japanese Industrial Standards)**
- **Specifications may change without prior notice**

Disclaimer: - All pictures shown are for illustration purposes only. Actual products may vary due to continuous product enhancement.

Serving Your Needs
With Our Diverse Product Portfolio



Oil Free Reciprocating Air Compressor



Rotary Screw Air Compressor



Oil Free Claw Air Compressor



Oil Free Scroll Air Compressor



Medical Air plant



Oil Free Wobble Air Compressor



Rotary Vane Vacuum Pump



Dry Scroll Vacuum Pump



Medical Vacuum plant

Air Handling and Purification Accessories



Air Dryer



Air Receiver



Air Filter



Auto Drain



Air Regulator



Engineering Capabilities & Customised Solutions.

We at Anest Iwata Motherson (AIM) are committed to delighting our customers. Our state-of-the-art Air Energy Core Technology Centre located in Yokohama, Japan works relentlessly on innovations and technologies that add value to our products and make us ready to serve our customer's future needs. It is our customer's trust in us that we have developed many "World's First" products.

Always Ahead with Anest Iwata!

Innovation driven World's 1st products



Oil Free Reciprocating Compressor



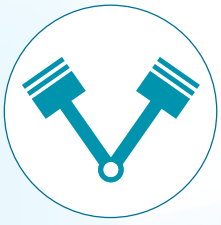
Oil Free Scroll Compressor



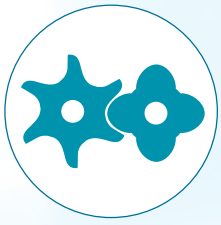
Oil Free Booster Compressor



Oil Free Scroll Vacuum Pump



Reciprocating



Screw



Scroll



Claw

Compressed Air Solutions in all Technologies

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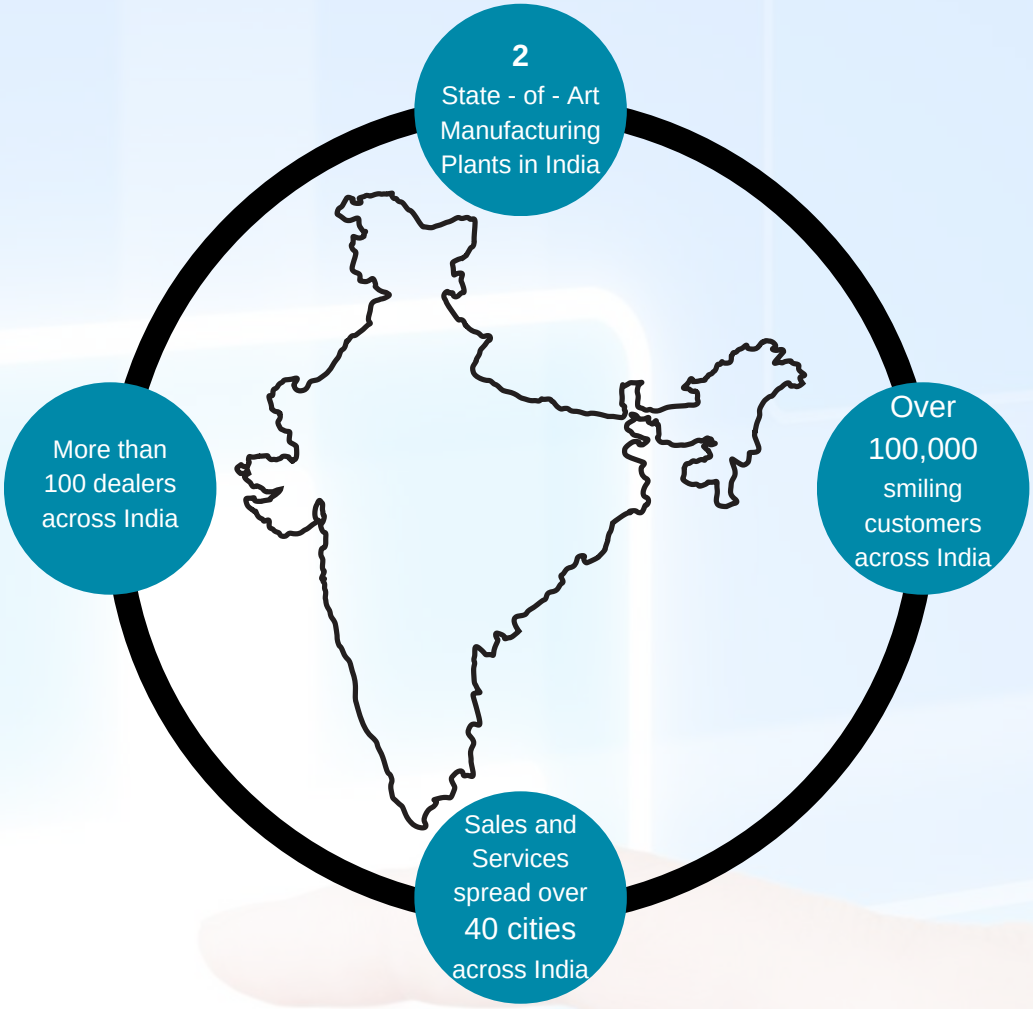

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