

# Reciprocating Vacuum Pump



**Active** with Newest Technology

# 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



2022  
"ARID"  
Air Dryer Launched

2019  
Rotary Vane  
Vacuum Pump Launched

2018  
Screw Air Compressor  
Sales Started in India

2017  
Electric Bus  
Compressor Launched

2015  
MEGASY Series  
Medical Air & Vacuum Unit  
Launched

Second Facility in Greater Noida



2013  
Reciprocating Vacuum  
Pump Launched in India

2012  
Oil-Free Claw  
Air Compressor Launched

2005  
Braking Compressor for  
Indian Railways Launched

2010  
Second Facility Inaugurated  
in Greater Noida (India)

2000  
Anest Iwata Motherson  
Established



2004  
World's First Oil-Free  
Booster Compressor  
Launched



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

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

1928  
First Reciprocating  
Compressor  
Manufactured

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



1977  
Screw Air compressor  
Launched

1926  
Established  
In Japan



## 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**



# AIR ENERGY CORE TECHNOLOGY CENTER

## 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**

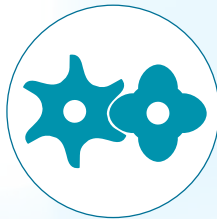


**Oil Free Scroll Vacuum Pump**

Anest Iwata  
Australia Pty  
Ltd.



**Reciprocating**



**Screw**



**Scroll**

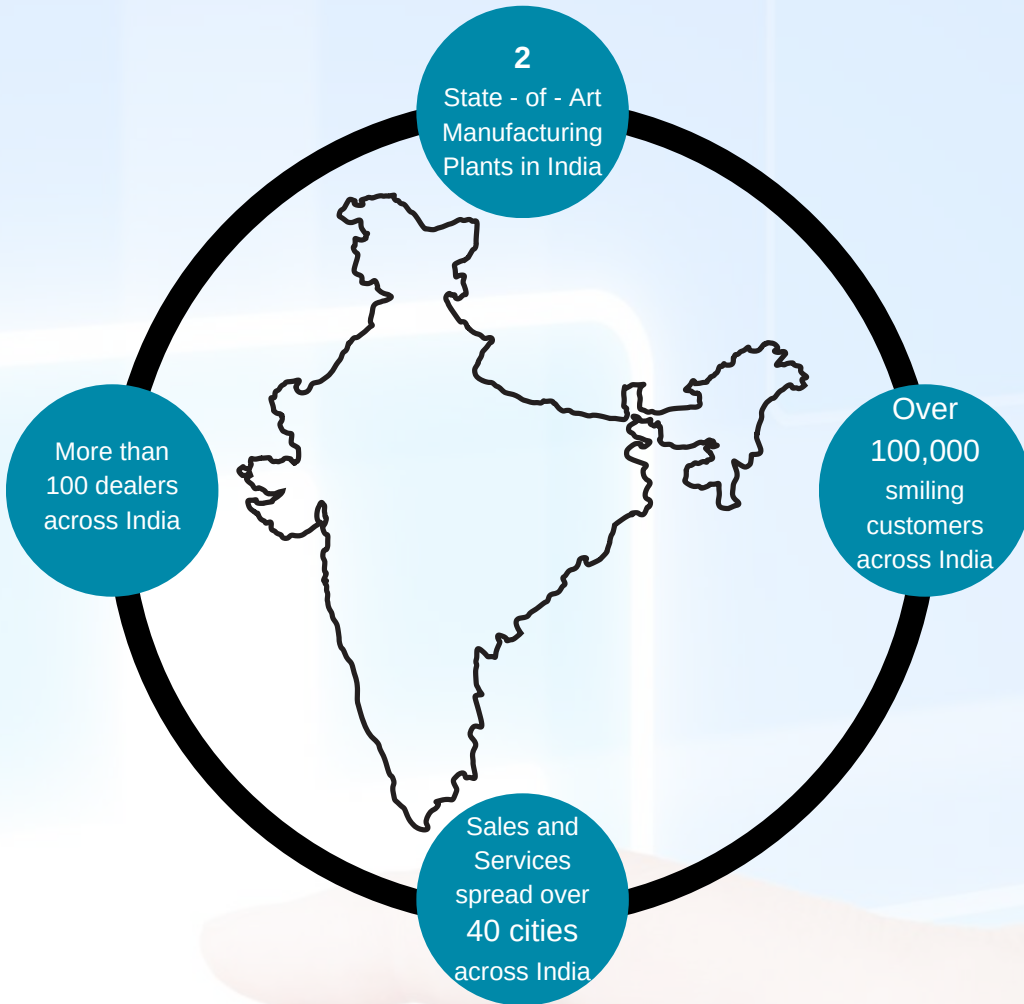


**Claw**

**Compressed Air Solutions in all Technologies**



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