100% Oil Free Reciprocating Air Compressor

The Air of Trust

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.

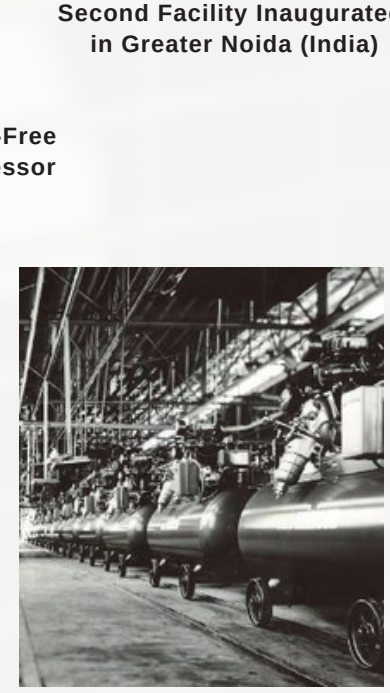
Anest Iwata Inspiring History

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

World's Only SEIZE FREE Air Compressor

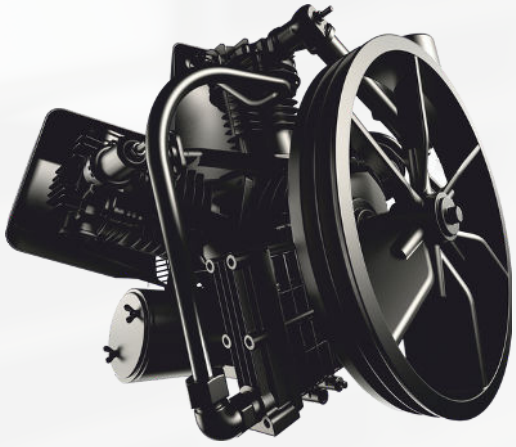
CMF™ TECHNOLOGY

Our unique Seize Free Technology ensures continuous functioning of the compressor, withstanding high temperatures (up to 300°c) and high resistance to extreme environments. To eliminate inconsistent operation, a heat resistant and thermosetting composite resin piston is used in place of conventional rider ring technology to provide seize free functioning.

Heat resistant and Thermosetting composite resin piston

Critical Maintenance Free (CMF) technology is the only of its kind in the world that gives you a combination of oil-free air, continuous and heavy-duty running and No risk of seizure. As a Patented technology of Anest Iwata, Japan, it brings in: - → Safety → Heavy Duty Operation →100% oil Free Air

High temperature resistance (upto 300°c)



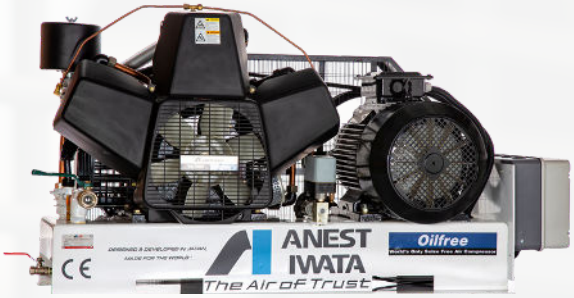
Major Applications

- All ISO 14001 Industries for 100% Oil Free Air
- Nitrogen Generators
- Hospitals and Dental Clinics
- Oxygen Generation
- Analytics &Labs
- Hardware Manufacturing
- Breathing Air
- Premium Spray Painting
- Electronic Industries
- Oil and Gas
- CNC Machines and Instruments

100% Oil Free Reciprocating Compressors

Single Stage Oil Free Compressor Base Mounted

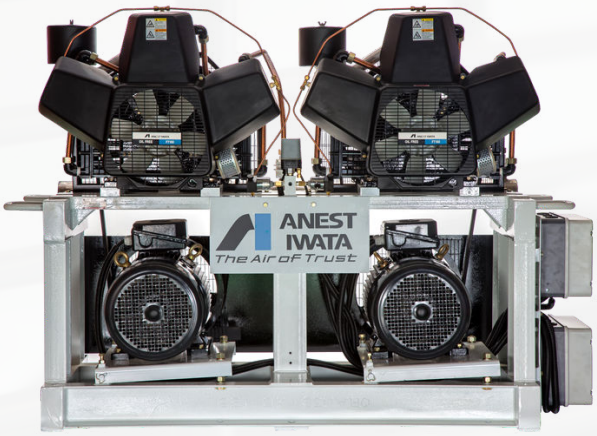
Two Stage Oil Free Compressor Base Mounted



Single Stage Oil Free Compressor Tank Mounted

Two Stage Oil Free Compressor Tank Mounted

Duplex Oil Free Compressor



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

Technical Specifications

Model	Stage	Power	Piston Displacement	Operating Pressure	Tank Size	Dimensions	Weight (Approx)	Outlet size
		HP	CFM	BAR	Liters	LxWxH (mm)	Kg	Inch
Tank Mounted								
TFS 10C-9-4E	Single	1	5.3	8.5	40	880 x 355 x 660	70	1/2"
TFS 10C-9-9E	Single	1	5.3	8.5	90	1305 x 380 x 705	80	1/2"
TFS 20C-9-9E	Single	2	9.4	8.5	90	1305 x 380 x 830	100	1/2"
TFS 20C-9-18E	Single	2	9.4	8.5	180	1580 x 455 x 925	130	1/2"
TFS 30C-9-9E	Single	3	14.6	8.5	90	1305 x 440 x 855	125	1/2"
TFS 30C-9-18E	Single	3	14.6	8.5	180	1580 x 475 x 1000	155	1/2"
TFS 50C-9-18E	Single	5	22.9	8.5	180	1580 x 475 x 1005	170	1/2"
TFS 50C-9-22E	Single	5	22.9	8.5	220	1590 x 515 x 1075	195	3/4"
TFS 50C-9-28E	Single	5	22.9	8.5	280	1600 x 565 x 1120	225	3/4"
TFT 75C-9-22E	Two	7.5	24.4	8.5	220	1590 x 530 x 1110	245	3/4"
TFT 75C-9-28E	Two	7.5	24.4	8.5	280	1600 x 570 x 1155	275	3/4"
TFT 75C-9-50E	Two	7.5	24.4	8.5	500	1910 x 670 x 1260	335	3/4"
TFT 100C-9-22E	Two	10	36.6	8.5	220	1590 x 565 x 1105	275	3/4"
TFT 100C-9-28E	Two	10	36.6	8.5	280	1600 x 600 x 1150	295	3/4"
TFT 100C-9-50E	Two	10	36.6	8.5	500	1910 x 670 x 1255	365	3/4"
TFT 150C-9-28E	Two	15	57.1	8.5	280	1600 x 770 x 1145	335	3/4"
TFT 150C-9-50E	Two	15	57.1	8.5	500	1910 x 830 x 1245	400	3/4"
Base Mounted								
BFS 10D-9E	Single	1	5.3	8.5	N.A	1212 x 450 x 438	60	3/4"
BFS 20D-9E	Single	2	9.4	8.5	N.A	1012 x 450 x 554	70	3/4"
BFS 30D-9E	Single	3	14.6	8.5	N.A	1117 x 563 x 598	80	3/4"
BFS 50D-9E	Single	5	22.9	8.5	N.A	1117 x 563 x 658	90	3/4"
BFT 75D-9E	Two	7.5	24.4	8.5	N.A	1396 x 646 x 741	180	3/4"
BFT 100D-9E	Two	10	36.7	8.5	N.A	1398 x 646 x 727	200	3/4"
BFT 150D-9E	Two	15	57.2	8.5	N.A	1391 x 646 x 727	290	1"
Vertical Base Mounted (DUPLEX)								
BFS 100DV-9E	Single	5 + 5	46	8.5	N.A	1300 x 610 x 1580	200	3/4"
BFT 200DV-9E	Two	10 + 10	73.4	8.5	N.A	1800 x 810 x 1260	600	1 - 1/2"
BFT 300DV-9E	Two	15 + 15	114.4	8.5	N.A	1770 x 850 x 1280	600	1 - 1/2"

Note:-

- All models up to 3 HP also available with single phase motor
- Free Air Delivery (FAD) is measured as per ISO 1217: 2009 - Annex C
- Mean noise level measured at a distance of 1 m according to ISO 2151: 2004 using ISO 9614/2 (sound intensity method); tolerance 3 dB(A)
- Duplex compressors mounted on the base frame (10 hp to 30 hp)
- Vertical tanks are also available from 500 to 5000 liters
- All performance parameters are as per JIS (Japanese Industrial Standards)
- Specifications may change without prior notice

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

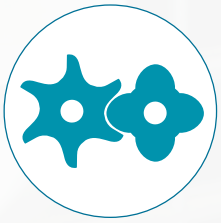
Oil Free Reciprocating Compressor

Oil Free Scroll Compressor

Oil Free Booster Compressor

Oil Free Scroll Vacuum Pump

Reciprocating



Screw

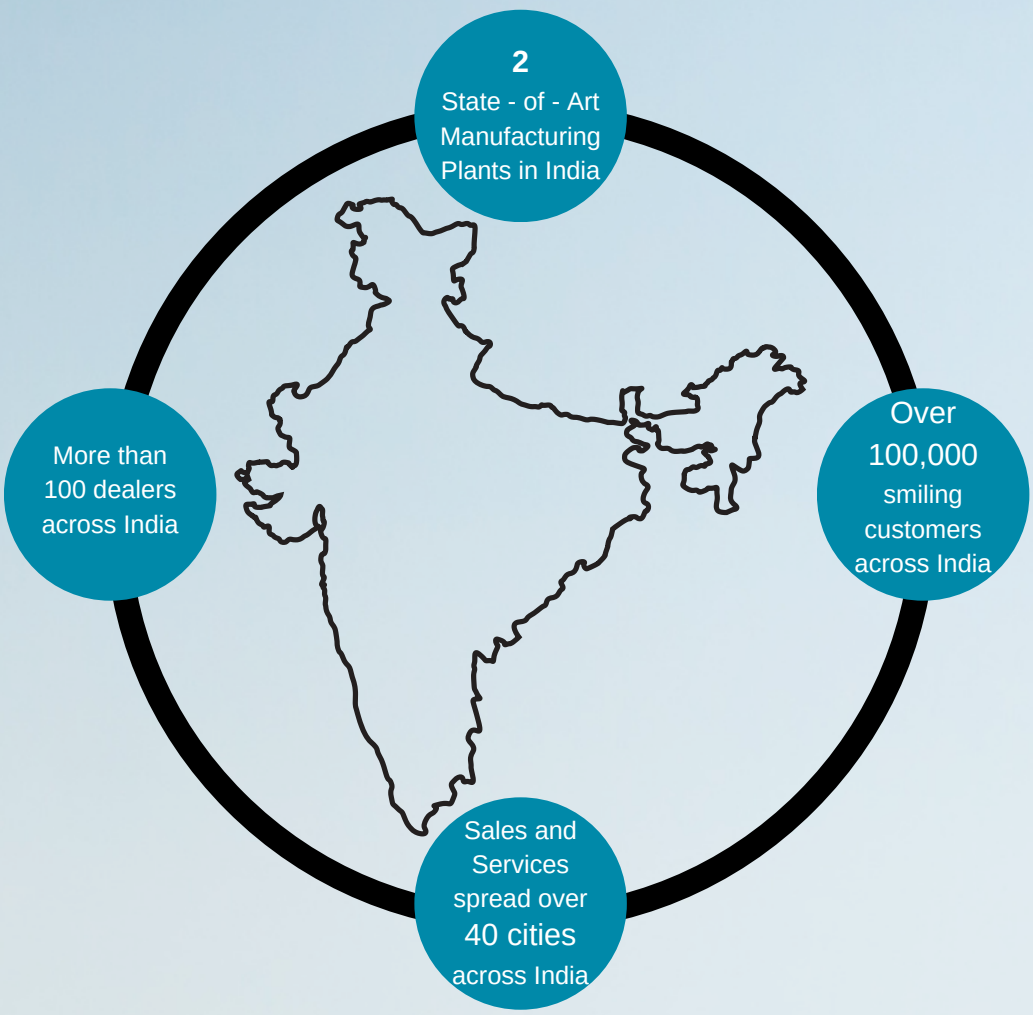
Scroll

Claw

Compressed Air Solutions in all Technologies

ANEST IWATA motherson

Active with Newest Technology



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