

100% Oil Free Reciprocating Air Compressor



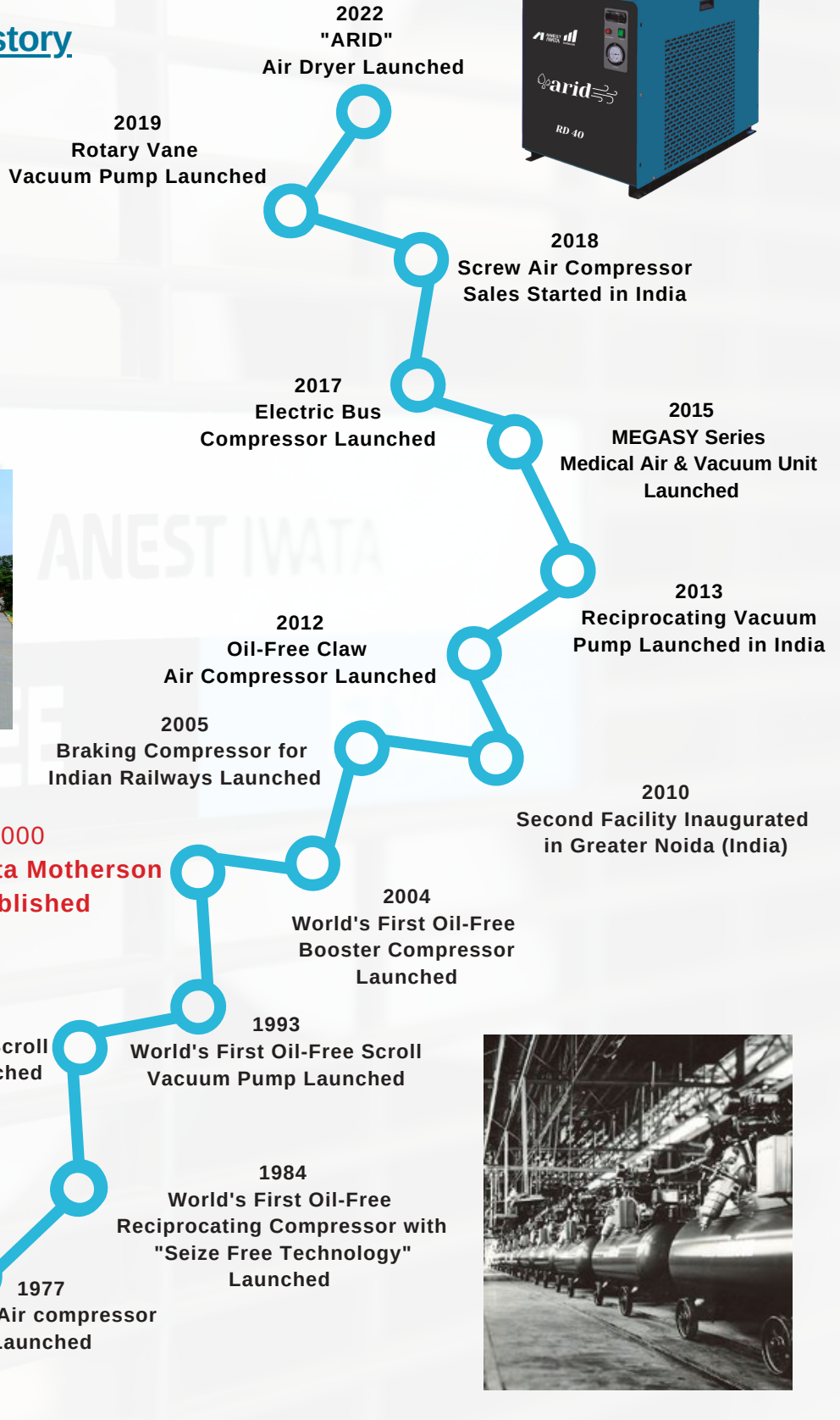
The Air of Trust

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



Second Facility in Greater Noida



World's Only SEIZE FREE Air Compressor



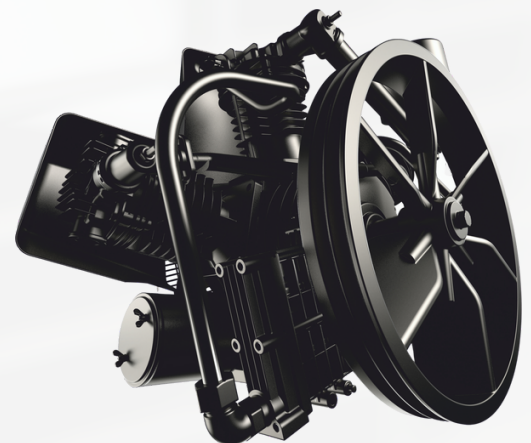
Our unique Seize Free Technology ensures continuous functioning of the compressor, withstanding high temperatures (up to 300°C) and high resistance to extreme environments. To eliminate inconsistent operation, a heat resistant and thermosetting composite resin piston is used in place of conventional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



Heat resistant and Thermosetting composite resin piston

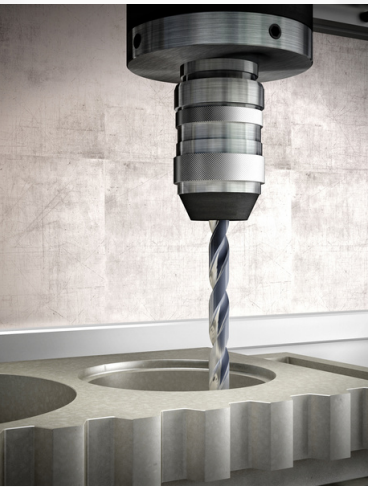
Critical Maintenance Free (CMF) technology is the only of its kind in the world that gives you a combination of oil-free air, continuous and heavy-duty running and No risk of seizure. As a Patented technology of Anest Iwata, Japan, it brings in: - → Safety → Heavy Duty Operation → 100% oil Free Air

High temperature resistance
(upto 300°C)



Major Applications

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

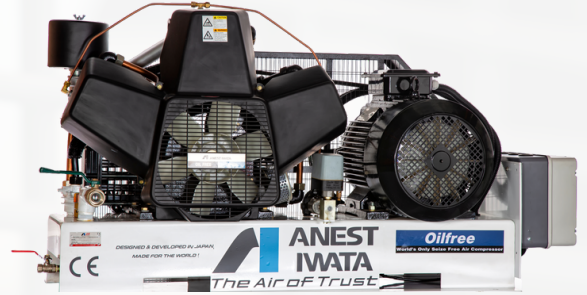


100% Oil Free Reciprocating Compressors

Single Stage Oil Free Compressor
Base Mounted



Two Stage Oil Free Compressor
Base Mounted



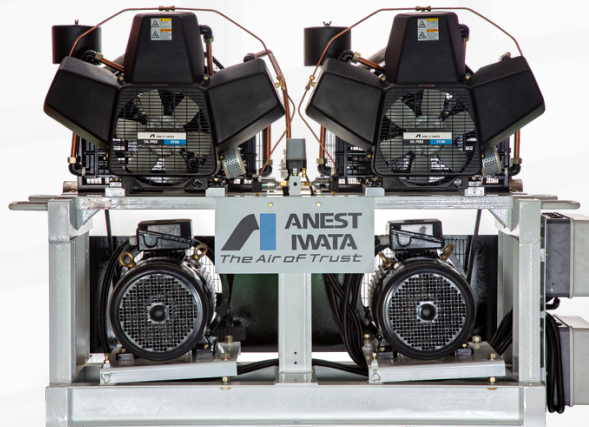
Single Stage Oil Free Compressor
Tank Mounted



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

<u>Tank Mounted</u>								
Model	Stage	Power	Piston Displacement	Operating Pressure	Tank Size	Dimensions	Weight (Approx)	Outlet size
		HP	CFM	BAR	Liters	LxWxH (mm)	Kg	Inch
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"
<u>Base Mounted</u>								
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"
<u>Vertical Base Mounted (DUPLEX)</u>								
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



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



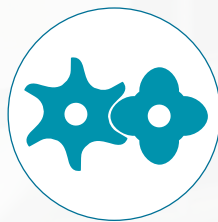
Oil Free Booster Compressor



Oil Free Scroll Vacuum Pump



Reciprocating



Screw



Scroll



Claw

Compressed Air Solutions in all Technologies