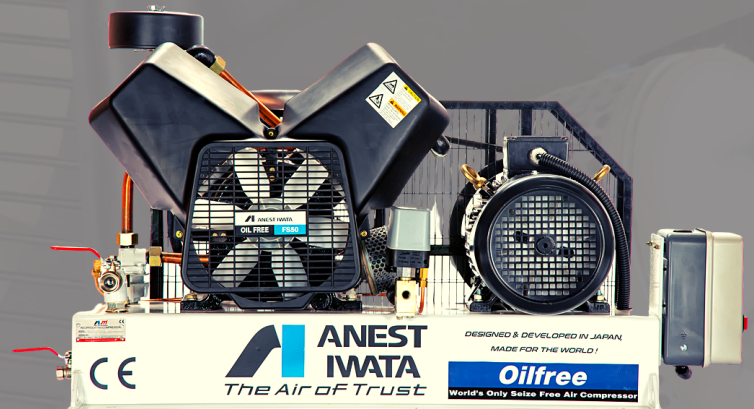


“DESIGNED AND DEVELOPED IN JAPAN  
MADE FOR THE WORLD”

# Oil Free Reciprocating Air Compressor

*The Air of Trust*

Anything else is a .....  
**COMPROMISE!**



## 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 delight its customers by ensuring 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 centres spread across India.

## Anest Iwata Inspiring History



**2000**  
Anest Iwata Motherson  
Established



**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

**2012**  
Oil Free Claw  
Air Compressor Launched

**2005**  
Braking Compressor for  
Indian Railways Launched

**2004**  
World's first Oil Free  
Booster Compressor  
Launched



**2010**  
Second Facility Inaugurated  
in Greater Noida (India)

**2015**  
MEGASY Series  
Medical Air & Vacuum Units Launched

**2013**  
Reciprocating Vacuum  
Pump Launched in India

**2018**  
Screw Air Compressor  
started selling in India

**2017**  
Electric Bus Braking  
System Compressor  
Launched

**2019**  
Rotary Vane  
Vacuum Pump Launched



# World's Only SEIZE FREE Air Compressor



Our unique Seize Free Technology ensures continuous functioning of the compressor, withstanding high temperatures (upto 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.

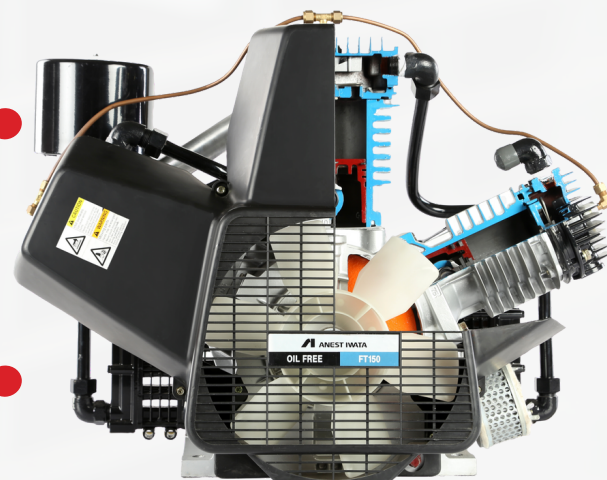


Heat resistant and Thermosetting composite resin piston



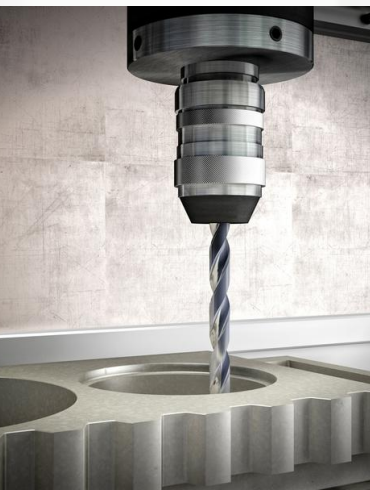
Critical Maintenance Free (CMF) technology is the only of its kind in the world that gives you combination of oil free air, continuous and heavy duty running and No risk of seizure. As a Patented technology of Anest Iwata, Japan, it brings in: - → Safety → Heavy Duty Operation → 100% oil Free Air

High temperature resistance  
(upto 300°C)



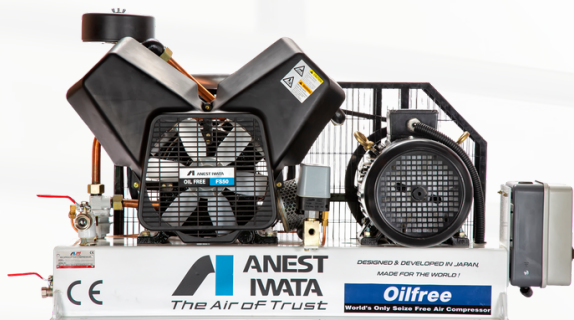
## Major Applications

- 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

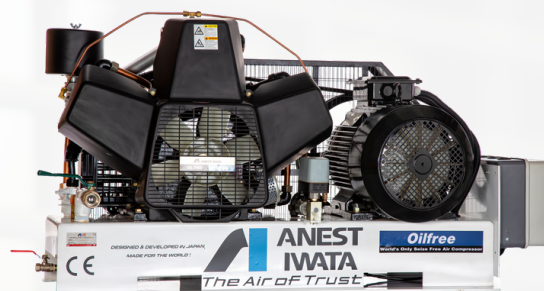


# 100% Oil Free Reciprocating Compressors

## Single Stage Oil Free Compressor Base Mounted



## Two Stage Oil Free Compressor Base Mounted



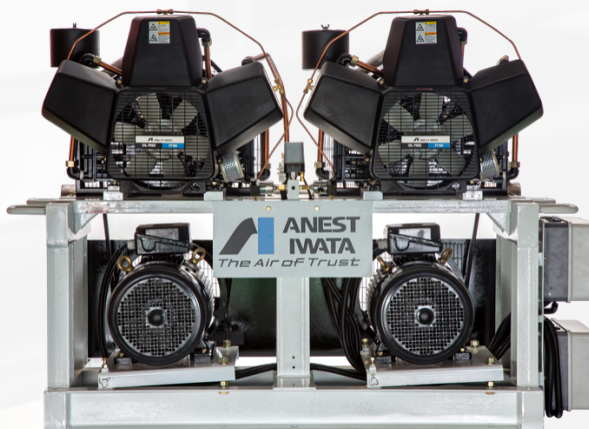
## Single Stage Oil Free Compressor Tank Mounted



## Two Stage Oil Free Compressor Tank Mounted



## Duplex Oil Free Compressor



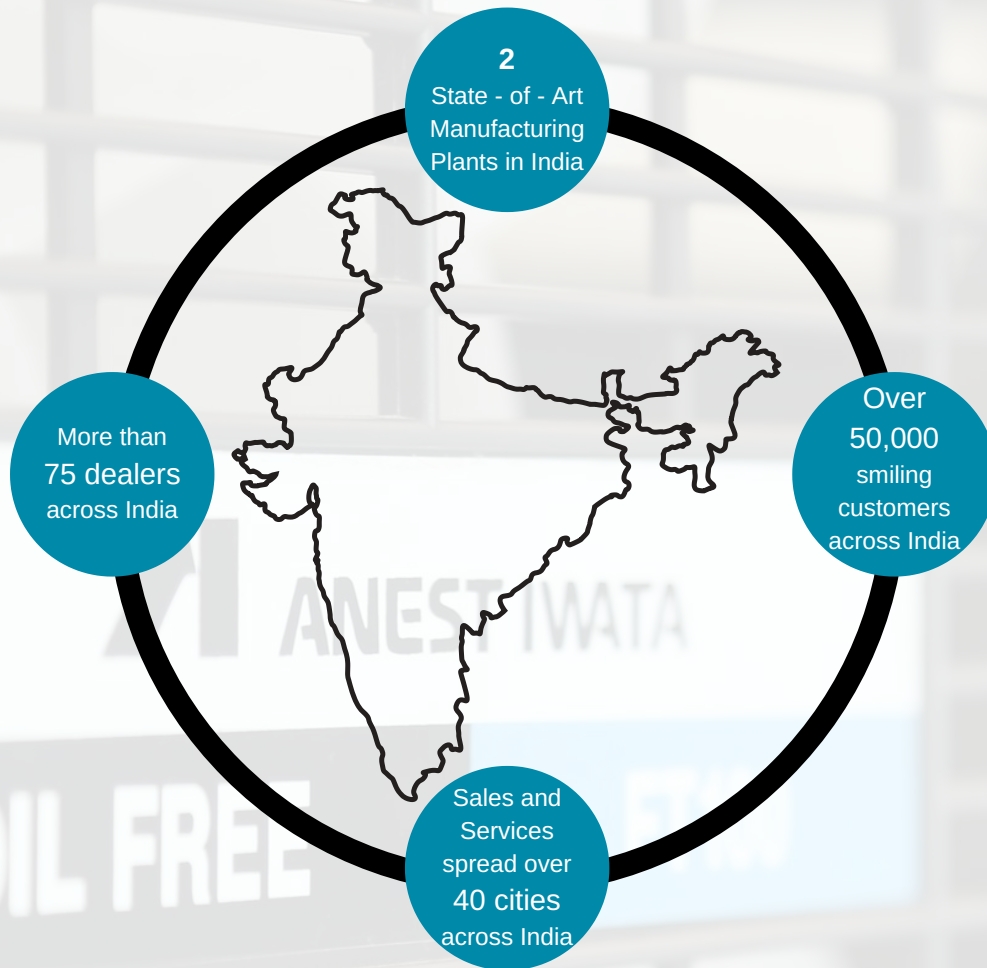
## Technical Specifications

<b><u>Tank Mounted</u></b>								
Model	Stage	Power	Piston Displacement	Operating Pressure	Tank Size	Dimenstions	Weight (Approx)	Outlet size
		HP	CFM	BAR	Liters	LxWxH (mm)	Kg	Inch
TFS05C-7-2E	Single	0.5	3.1	7	20	480x455x645	38	1/2"
TFS10C-9-4E	Single	1	5.3	8.5	40	880x355x660	70	1/2"
TFS10C-9-9E	Single	1	5.3	8.5	90	1305x385x705	80	1/2"
TFS20C-9-9E	Single	2	9.4	8.5	90	1305x380x830	100	1/2"
TFS20C-9-18E	Single	2	9.4	8.5	180	1580x455x925	130	1/2"
TFS30C-9-9E	Single	3	14.6	8.5	90	1305x440x855	125	1/2"
TFS30C-9-18E	Single	3	14.6	8.5	180	1580x475x1000	155	1/2"
TFS50C-9-18E	Single	5	22.9	8.5	180	1580x475x1005	170	1/2"
TFS50C-9-22E	Single	5	22.9	8.5	220	1590x515x1075	195	3/4"
TFS50C-9-28E	Single	5	22.9	8.5	280	1600x565x1120	225	3/4"
TFT75C-9-22E	Two	7.5	24.5	8.5	220	1590x530x1110	245	3/4"
TFT75C-9-28E	Two	7.5	24.5	8.5	280	1600x570x1155	275	3/4"
TFT75C-9-50E	Two	7.5	24.5	8.5	500	1910x670x1260	335	3/4"
TFT100C-9-22E	Two	10	36.7	8.5	220	1590x565x1105	275	3/4"
TFT100C-9-28E	Two	10	36.7	8.5	280	1600x600x1150	295	3/4"
TFT100C-9-50E	Two	10	36.7	8.5	500	1910x670x1255	365	3/4"
TFT150C-9-28E	Two	15	57.2	8.5	280	1600x770x1145	335	3/4"
TFT150C-9-50E	Two	15	57.2	8.5	500	1910x830x1245	400	3/4"
<b><u>Base Mounted</u></b>								
BFS 10D-9E	Single	1	5.3	8.5	N.A	1212x450x436	250	3/4"
BFS 20D-9E	Single	2	9.4	8.5	N.A	1012x450x554	250	3/4"
BFS 30D-9E	Single	3	14.6	8.5	N.A	1117x563x598	300	3/4"
BFS 50D-9E	Single	5	22.9	8.5	N.A	1117x563x658	320	3/4"
BFT 75D-9E	Two	7.5	24.5	8.5	N.A	1394x646x741	350	3/4"
BFT 100D-9E	Two	10	36.7	8.5	N.A	1398x646x727	400	3/4"
BFT 150D-9E	Two	15	57.2	8.5	N.A	1391x646x727	500	1"
<b><u>Vertical Base Mounted (DUPLEX)</u></b>								
BFS 100DV-9E	single	5+5	45.8	8.5	N.A	1300x609x1576	N.A	3/4"
BFT 150DV-9E	Two	7.5+7.5	49	8.5	N.A	1600x620x1660	N.A	3/4"
BFT 200DV-9E	Two	10+10	73.4	8.5	N.A	1800x810x1260	600	1-1/2"
BFT 300DV-9E	Two	15+15	114.4	8.5	N.A	1800x810x1260	650	1-1/2"

**Note:-**

- All models upto 3 HP also available with single phase motor
- Duplex compressors mounted on 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)

## We are closer than you think!



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