



Get the **CMF** advantage.

Anything else in a compromise

- some application areas :
All ISO 14001 Industries
Also, where 100% oil free air is critical :
- CNC Machines & Instrumentation
 - Colour Sorting
 - Electronic Hardware Manufacturing
 - Effluent Treatment Plants
 - Food & Beverage Processing
 - Garment Manufacturing
 - Glass Coating
 - Hospitals, Nursing Homes & Dental Clinics
 - Laboratories
 - Nitrogen Generators
 - Paper Manufacturing
 - Petroleum & Gas
 - Pharmaceuticals & Cosmetics Manufacturing
 - Premium Spray Painting
 - Printing Machines
 - Rubber & Leather Processing
 - Vacuum Metallizing & Others

CMFTM
TECHNOLOGY

Critical Maintenance Free (CMF) Technology is the only of its kind in the world which gives you a combination of 100% 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



Air Cooled
Oil free
Air Compressor from
ANEST IWATA MOTHERSON LTD.

Air Cooled
Oil free
Air Compressors
with **CMF**TM
TECHNOLOGY



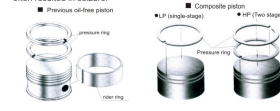
Anest Iwata Motherson Ltd (AIM) is a joint venture between Anest Iwata, Japan, a world leader in oil free & lubricated compressors and Sumi Motherson Group, an Indian conglomerate with presence in various sectors. Manufactured in a state-of-the-art plant in India, our products are specially engineered for tropical conditions and are exported the world over.

AIM's oil free compressors deploy patented and proven CRITICAL MAINTENANCE FREE (CMF) technology, the only of its kind in the world. The same reliable and durable technology in now available for your oil free needs, customised to your requirement. All products leave our plant after being individually tested.

What makes us different is our belief that we grow when we help our customers succeed. We subscribe long term relationship with clients and have a keen understanding of their processes, needs and objectives. We are innovative, flexible and committed to our customer's peace of mind.

Our Technology

Our unique Seizure Free technology ensures that the compressors can withstand continuous use under high temperature (up to 300 C) and possess high resistance to extreme environment. A heat resistant and thermosetting composite resin has replaced the conventional rider ring technology, which used to give inconsistent operation and often resulted in seizure.



Sectional View



Technical specifications

Model	Motor Rating HP	Piston Displacement LPM	Operating Pressure		Tank Capacity											
			PSI	kg/cm ²	20	40	90	180	220	280	500					
TFS 05-7	0.5	43	3.1	100	7	•										
TFS 10C-9	1	151	1.34	121	8.5	•	•									
TFS 20C-9	2	287	1.44	121	8.5	•	•	•								
TFS 30C-9	3	430	1.44	121	8.5	•	•	•	•							
TFS 50C-9	5	649	2.2/3.0	121	8.5	•	•	•	•	•						
Base Frame																
BFS 30C-6	3	430	11.41	121	8.5											
BFS 50C-6	5	649	22.85	121	8.5											

Model	Motor Rating HP	Piston Displacement LPM	Operating Pressure		Tank Capacity											
			PSI	kg/cm ²	20	40	90	180	220	280	500					
TFT 75C-9	1.5	162	2.43	121	8.5											
TFT 100C-9	10	1038	36.85	121	8.5											
TFT 150C-9	15	1619	57.18	121	8.5											
Base Frame																
BFT 75C-9	7.5	892	24.43	121	8.5											
BFT 100C-9	10	1038	36.85	121	8.5											
BFT 150C-9	15	1619	57.18	121	8.5											
BFT 200C-9	10+15	2076	17.33	121	8.5											
BFT 300C-9	10+15	2657	61.84	121	8.5											
BFT 300 C-4	15+15	3238	114.36	121	8.5											

The AIM advantage

Unique seizure free technology : Ensures heavy and continuous duty operation.

Tried and tested, the world over : Sold all over Europe, USA and Asia. Compressor blocks imported from Japan.

Air-cooled design eliminates : Need of cooling towers, water pumps, water pipelines and tedious maintenance.

World-class testing facilities ensure : Compliance with all national and international safety, quality and durability parameters.

Duplex Compressors

Duplex Compressors mounted on Base frame (20 HP, 25 HP & 30 HP)
• Low noise and vibration levels
• Easy installation
• Continuous and heavy duty operation
• Cost efficiency

- All performance parameters are as per JIS standards.
- As product development is a continuous process with us specifications may change without notice.
- Vertical tanks are also available from 500 ltrs. to 3000 ltrs.

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Oil free and Lubricated air compressors

ANEST IWATA MOTHERSON LTD. is a joint venture between ANEST IWATA MOTHERSON LTD. (Japan) and SUMI MOTHERSON GROUP (India). ANEST IWATA MOTHERSON LTD. is a public limited company registered in India. ANEST IWATA MOTHERSON LTD. is a public limited company registered in India.

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