

# Get the CMF advantage.

Anything else is 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 Metalizing  
& Others

# CMF<sup>TM</sup> 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 compressors *from*  
ANEST IWATA MOTHERSON LTD

# air cooled Oil free air compressors

with  
**CMF**  
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.

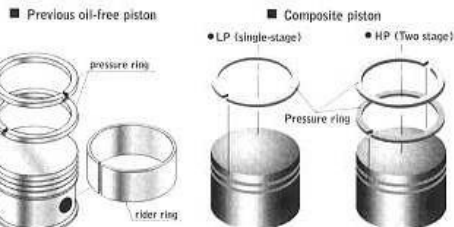


AIM's oil free compressors deploy patented and proven **CRITICAL MAINTENANCE FREE (CMF)** technology, the only of its kind in the world. The same reliable and durable technology is now available for your oil free needs, customised to your requirement. All products leave our plant after being individually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

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

## Our Technology

Our unique Seizure Free technology ensures that the compressors can withstand continuous use under high temperature (upto 300°C) and possess high resistance to extreme environments. 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



## 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

## Technical specifications

Model	No. of Stages	Motor Rating HP	No. of Cylinders	Piston Displacement		Operating Pressure		Tank Capacity Litres
				LPM	CFM	PSI	Kg/cm <sup>2</sup>	
TFS 05-7	1	0.5	1	88	3.1	100	7	20
TFS 10C-9	1	1	1	151	5.34	121	8.5	40
TFS 20C-9	1	2	1	267	9.44	121	8.5	90
TFS 30C-9	1	3	2	408	14.41	121	8.5	90
TFS 50C-9	1	5	2	649	22.93	121	8.5	180
TFT 75C-9	2	7.5	2	692	24.43	121	8.5	220
TFT 100C-9	2	10	3	1038	36.66	121	8.5	220
TFT 150C-9	2	15	3	1619	57.18	121	8.5	280/500
BFT 200C-9	2	10+10	3+3	2076	73.32	121	8.5	N/A*
BFT 250C-9	2	10+15	3+3	2657	93.84	121	8.5	N/A*
BFT 300C-9	2	15+15	3+3	3238	114.36	121	8.5	N/A*

## The AIM advantage

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

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

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

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

**We are closer than you think :** Anest Iwata Motherson Ltd has an extensive sales and service network spanning India, with sales and service centres in over 30 cities.

For details, please contact us at :

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- All performance parameters are as per JIS standards.
- Optional tank & base frame capacities are also available.
- As product development is a continuous process with us, specifications may change without notice.
- \* Vertical tanks are also available from 500ltrs. to 3000ltrs.

## Newly Launched

World Famous  
**IWATA SPRAY-GUNS**

now available in India.

Please contact us for more details.  
0-9818749992,



**ANEST IWATA MOTHERSON**

**ANEST IWATA MOTHERSON LIMITED**

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[www.aimcompressors.com](http://www.aimcompressors.com)  
[www.motherson.com](http://www.motherson.com)

Oil free and Lubricated air compressors

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**AUTHORISED DEALER**