

UNVEILING 100% OIL FREE



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 scizure. As a patented technology of Anest Iwata, Japan, It brings in:

· Heavydutyoperation Safety

100% oil free air

· Noriskofseizure

Anything else is a compromise

major Applications

All ISO 14001 Industries for 100% oil free air

CNC Machines & Instrumentation,

Hospitals, Nursing Homes & Dental Clinics

Laboratories

Color Sorting

Electronic Industries

Hardware Manufacturing

Nitrogen Generators

Petroleum & Gas



Air Cooled, Oil Free Reciprocating Air Compressor



Air Cooled 100% Oil Free Reciprocating Air Compressor



Anest Iwata Motherson (AIM) is a joint venture between Anest Iwata, Japan, a world leader in oil free as well as lubricated compressors and Samvardhna Motherson Group, an Indian conglomerate with presence in various manufacturing sectors. Manufactured in state-of-thearts plants 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 oil free compressed air applications, customized to your requirement. All products leave our plant only after passing stringent quality checks.

What makes us different is our belief that we grow when we help our customers succeed. We subscribe to 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

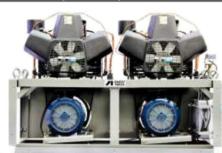
Our unique Seizure Free technology ensures that the compressors can withstand continuous use under high temperature (upto 300°C) and possess high resistance to extreme environments. A heat resistant and thermosetting composite resin has replaced the conventional rider ring technology, which used to give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



Aluminium Piston

Composite Resin Pistor

Duplex Compressor



Technical Specifications

SINGLE STAGE													TWO STAGE												
Model	Motor Rating	Piston Displacement		Operating Pressure		Tank Capacity						Model	Motor Rating	Piston Displacement		Operating Pressure		Tank Capacity							
		LPM CFM PSI Kg/cm ²				Liters							HP	LPM	CFM	PSI	Kg/cm ²	Liters							
													Tank Mounted	k Mounted_					20	40	90	180	220	280	500
Tank Mounted					20	40	90	180	220	280	500	TFT 75C-9	7.5	692	24.43	121	8.5					•	•	•	
TFS 05-7	0.5	88	3.1	100	7	•		L		1			TFT 100C-9	10	1038	36.66	121	8.5					•	•	•
TFS 10C-9	1	151	5.34	121	8.5		•	•					TFT 150C-9	15	1619	57.18	121	8.5						•	•
TFS 20C-9	2	267	9.44	121	8.5			•	•				Base Frame												
TFS 30C-9	3	408	14.41	121	8.5				•				BFT 75C-9	7.5	692	24.43	121	8.5		T					
TFS 50C-9	5	649	22.93	121	8.5				•	•	•		BFT 100C-9	10	1038	36.66	121	8.5							
Base Frame											7	-	BFT 150C-9	15	1619	57.18	121	8.5		1					
BFS 30C -9 3 408 14.41 121 8.5												BFT 200C-9	10+10	2076	73.32	121	8.5		1				-		
BFS 50C-9	5	649	22.93	121	8.5				N/A				BFT 300C-9	15+15	3238	114.36	121	8.5		1				-	-

The AIM Advantage

Unique seizure free technology:

Ensures heavy and continuous duty operation with no risk of seizure

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

Air-cooled design eliminates: Need fof 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.

We are closer than you think:

Anest Iwata Motherson has an extensive sales and service network pan India, with more than 70 channel partners.

Duplex Compressors

Duplex Compressors mounted on Base frame (20 HP & 30 HP)

- · Low noise and vibration levels · Easy installation · Continuous and heavy duty operation · Cost efficiency ·
- · Vertical tanks are also available from 500 liters. to 3000 liters.

All performance parameters are as per JIS standards -As product development is a continuous process with us specifications may change without notice.