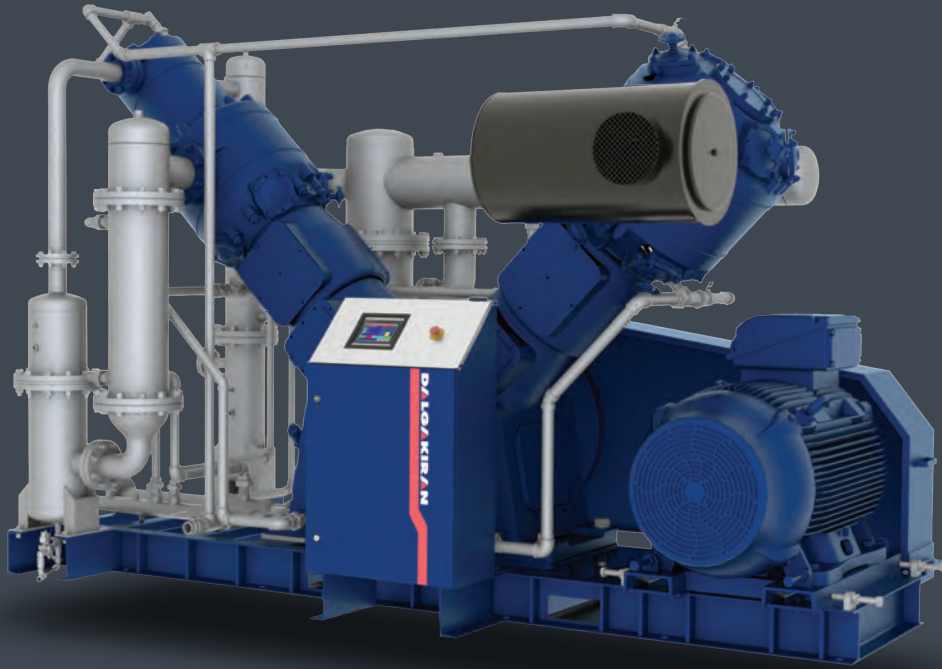


DALGAKIRAN



PET MASTER OIL-FREE RECIPROCATING COMPRESSORS



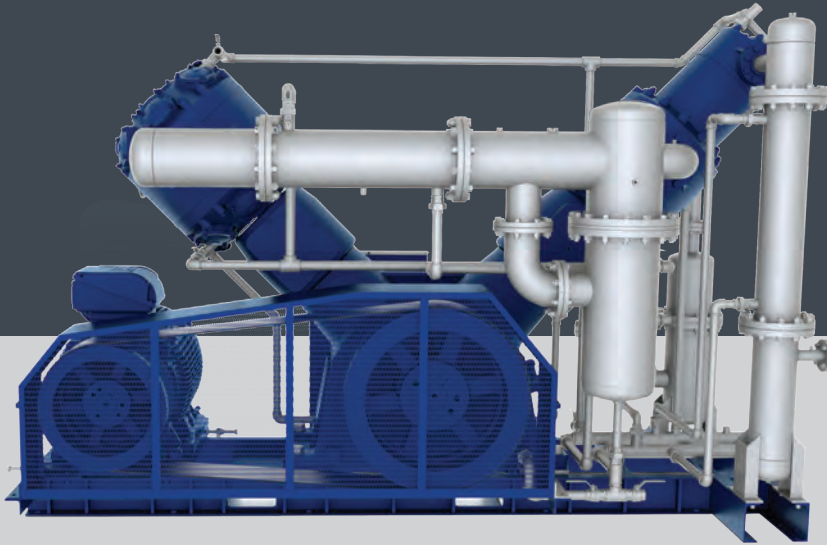
STANDARD EQUIPMENT

High quality components such as IP55 electric motors with the IE3 efficiency class, star-delta motor starter system, electrical materials selected according to IEC, UL/cUL, CE standards as per the market requirements, durable compressor blocks are provided as standart in all our products.



ADVANTAGES

DALGAKIRAN PET MASTER Series are reliable and high performance oil free reciprocating air compressors used in the pet bottling, food and health industries. Pet Master Compressors provide 100% oil-free pressurized air as no oil is used in the compression chamber. They operate between 0 and 40 Bar. As they have an integrated structure, they occupy less space and provide ease of installation.



MAIN MOTOR AND DRIVE SYSTEM

- High efficiency 400V/3 phase/50Hz IE3 IP55 electric motor
- Special loadless start system and automatic discharge system for loadless start



CONTROLLER*

- Advanced, high-definition, userfriendly 7" color touchscreen
- High speed, industrial type PLC infrastructure with robust construction
- Encrypted Access Protection system with various levels of authorization.
- Display of relevant data on the screen clearly, trend graph recording and active monitoring
- Alarm History Record for the last 100 alarms
- Ethernet / ModBus communication functions as standard
- Remote monitoring and control feature / Compliance with GSM, internet and Industry 4.0
- Flexible programmable/expandable Input /Output structure



*Only on Pet Plus and Wave reciprocating models with high pressure

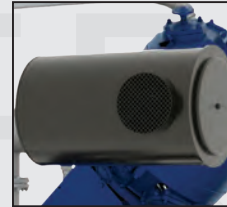


PET MASTER Oil-Free Reciprocating Compressors

DALGAKIRAN PET MASTER Series are reliable and high performance oil free reciprocating air compressors used in the pet bottling, food and health industries.

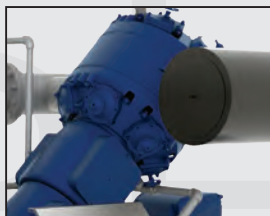
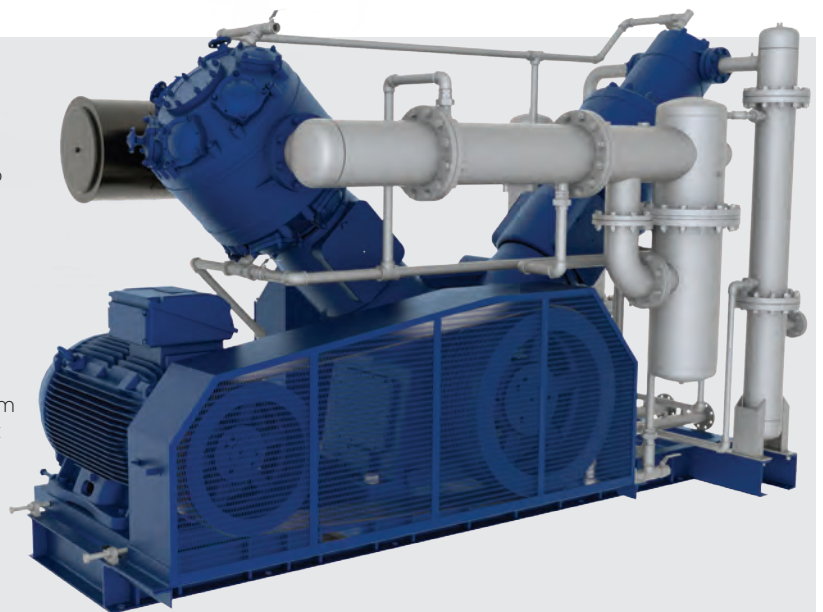
ADVANTAGES

- Pet Master Compressors provide 100% oil-free pressurized air as no oil is used in the compression chamber.
- They operate between 0 and 40 Bar. As they have an integrated structure, they occupy less space and provide ease of installation.



GENERAL SPECIFICATION

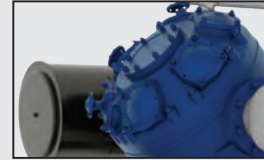
- For intercoolers and aftercoolers, stainless steel pipe is used which is more efficient in terms of heat transfer and more resistant to corrosion.
- The structure of the coolers is designed to transfer air through the pipe and water through the body wall. Thanks to their compact design, pipe-type coolers are easy-to-maintain and their cooling efficiency is high.
- Compressor provides energy saving by operating with Load / Unload control system within maximum and minimum pressure set values determined according to system requirements.
- Its large body and low speed operation feature reduce the workload of the compressor.
- The integrated electrical system provides user-friendly operation.





CONTROLLER

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TECHNICAL DATA

MODEL	Pressure	R.P.M	Capacity	MOTOR POWER kW/HP	DIMENSIONS mm			WEIGHT kg
	Bar				m ³ /min	Width	Length	
PET MASTER 50	40	300	3,6	37/50	1811	3533	2403	4800
PET MASTER 75	40	455	5,5	55/75	1811	3533	2403	4900
PET MASTER 100	40	385	7,4	75/100	1812	3550	2431	6300
PET MASTER 125	40	455	9,10	90/125	1812	3550	2431	6400
PET MASTER 150	40	380	11,6	110/150	1975	4168	2814	7350
PET MASTER 180	40	460	13,5	132/180	1975	4168	2814	7450
PET MASTER 220	40	460	16,4	160/220	1975	4168	2814	7850
PET MASTER 270	40	405	21,3	200/270	2212	4223	2840	9100
PET MASTER 300	40	450	23,0	220/300	2212	4223	2840	9200

* DALGAKIRAN compressors reserves the right to make changes on its products without prior notice.

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