



MARUTITM
PNEUMATICS



EBCP GAS BOOSTER COMPRESSOR SERIES

EBCP Series is a multistage, Liquid cooled high pressure piston type Gas compressor. It is used for compressing and storing gas and gas mixtures between 0.1 to 5 barg. EBCP series high pressure gas compressors are used to fill cylinders with gas up to 350 bar pressures provided that gas is fed to the suction inlet at 0-5 barg pressure. The desired filling pressure can be adjusted between 5 barg and 350 barg. When the desired upper pressure is reached, the compressor stops automatically and goes into standby mode.

It is driven by cranks with 100% oil free compressor head that suppresses gas in 3 stages. The heads are cooled with liquid at every stage.

Heat exchanger is a special combined heat exchanger. In the first heat exchanger, the existing gas is cooled with air, while in the second heat exchanger, the liquid that cools the cylinders is cooled with air.



REFERENCE MODEL – EBCP 30

The image shows a complex industrial assembly, likely a gas booster system. It features several cylindrical components, some with ribbed exteriors, connected by a network of pipes and hoses. Two prominent pressure gauges with white faces and black markings are visible, along with two grey pneumatic actuators labeled 'MORIN PNEUMATIC ACTUATOR'. The entire scene is overlaid with a semi-transparent teal filter. The text 'Oil-Free Gas Boosters' is centered in the lower half of the image.

Oil-Free Gas Boosters

What do We Boost?

- Oxygen Gas
- Compressed Air
- Ozone Gas
- Nitrogen Gas
- CO2 Gas
- Natural Gas
- Methane Gas

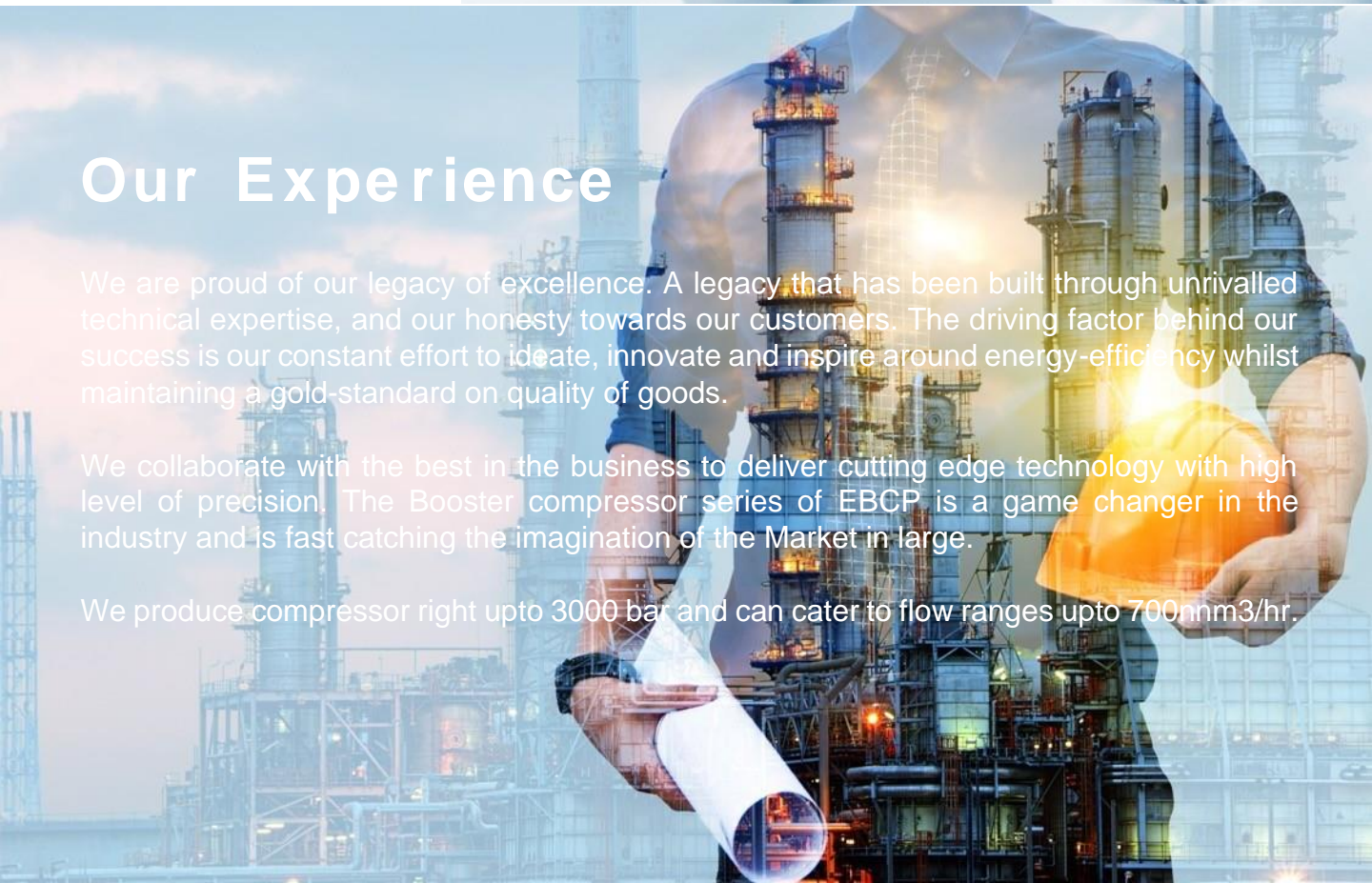


Our Experience

We are proud of our legacy of excellence. A legacy that has been built through unrivalled technical expertise, and our honesty towards our customers. The driving factor behind our success is our constant effort to ideate, innovate and inspire around energy-efficiency whilst maintaining a gold-standard on quality of goods.

We collaborate with the best in the business to deliver cutting edge technology with high level of precision. The Booster compressor series of EBCP is a game changer in the industry and is fast catching the imagination of the Market in large.

We produce compressor right upto 3000 bar and can cater to flow ranges upto 700nm³/hr.

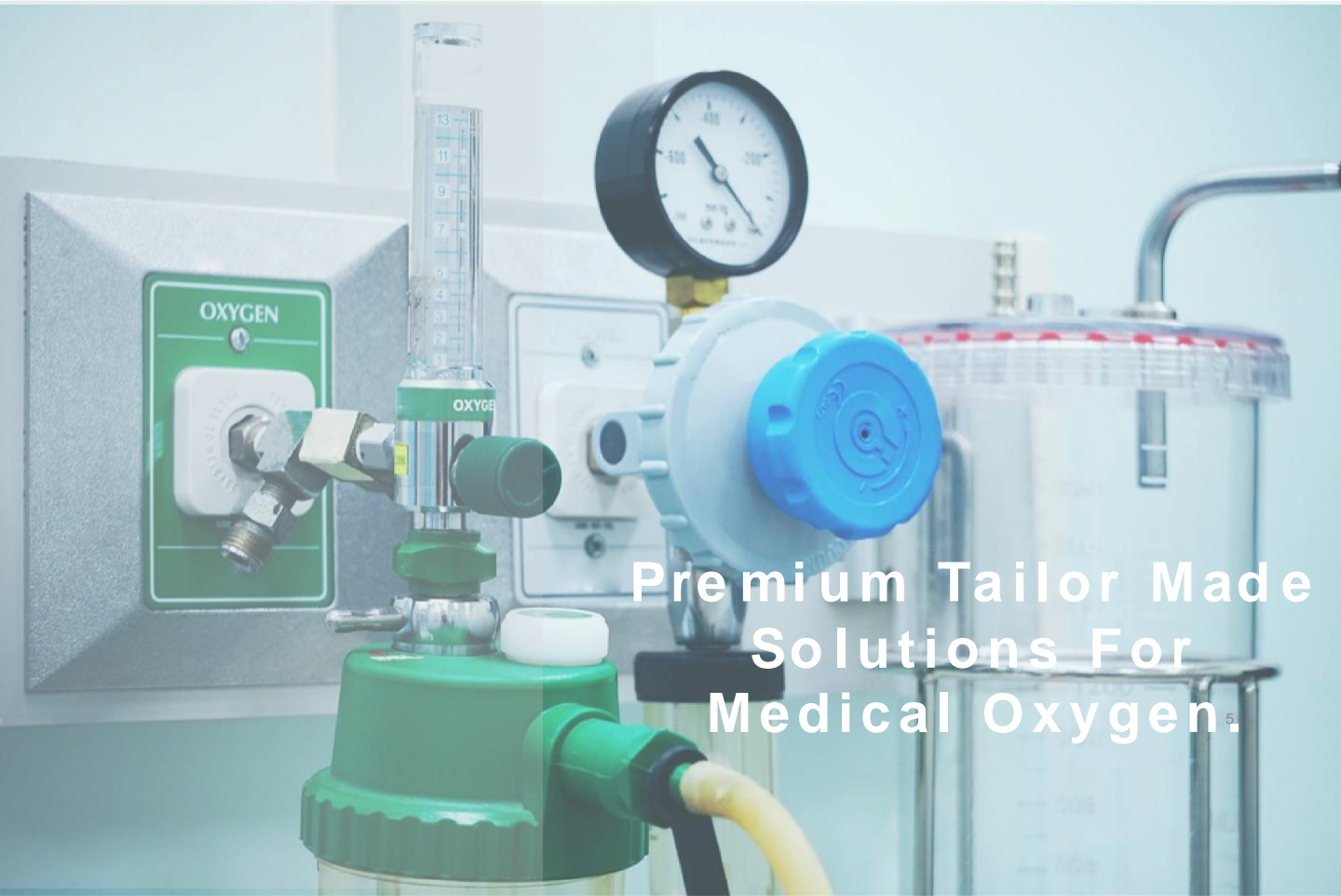


Ideal Applications.

- PSA Oxygen Plants
- Laboratories
- Hospitals
- Industries

Pressure Range 0.1–350 bar.

Flow Rates 6-700nm³/hr

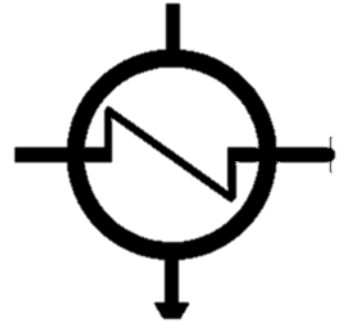


Premium Tailor Made
Solutions For
Medical Oxygen.



Key Features:

- 100% Oil Free Compression
- Air / Water-cooled
- Premium Motors IE3/IE4
- High precision sealing
- Very Low RPM of 300
- Noise Level 75-80 db
- Handcrafted & Machines
- Compressor service protocol as per OSHA1910.147



LIQUID COOLING TECHNOLOGY



Serving
Clients
Passionately

TECHNICAL SPECIFICATION

Model	Booster Capacity		Pressure	Kw	Gas Handled
	Nm3/Hr	LPM			
EBCP-10	10	165	100-300 Bar	7.5	O2, N2, Inert gases
EBCP-15	15	250	100-300 Bar	11	O2, N2, Inert gases
EBCP-18	18	300	100-300 Bar	15	O2, N2, Inert gases
EBCP-20	20	330	100-300 Bar	18.5	O2, N2, Inert gases
EBCP-30	30	500	100-300 Bar	22	O2, N2, Inert gases
EBCP-50	50	830	100-300 Bar	30	O2, N2, Inert gases
EBCP-60	60	1000	100-300 Bar	37	O2, N2, Inert gases
EBCP-90	90	1500	100-300 Bar	65	O2, N2, Inert gases

MARUTI PNEUMSTICS

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