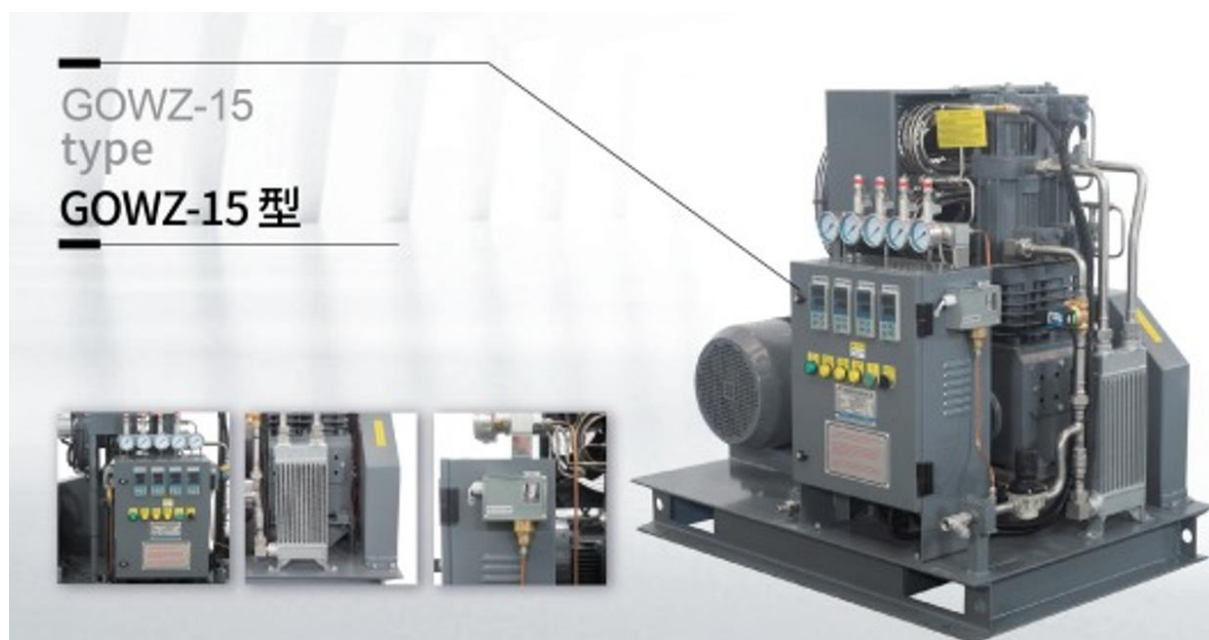


SUMER OXYGEN FILLING PLANT

BOOSTER (BAILIAN GOWZ-20/4-150, OIL FREE BOOSTER FOR MEDICAL OXYGEN, 150 BAR)



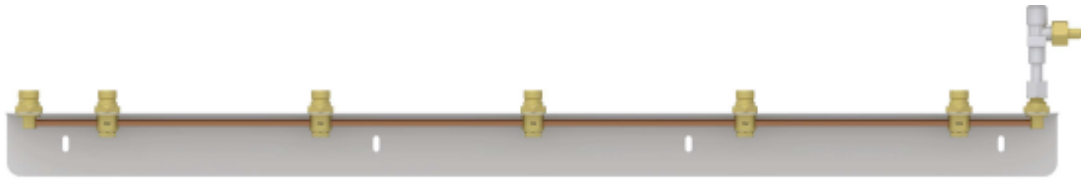
- Completely oil-free lubrication design, no pollution to the compressed medium - oxygen, and the oxygen purity at the inlet and outlet of the compressor is consistent.
- The entire machine does not use lubricating oil and avoids the possibility of oil coming into contact with high pressure and high-purity oxygen, ensuring the safety of machine use;
- Stainless steel cylinder adopts vertical four stage compression, with low temperature between compression stages, reasonable pressure ratio distribution, and low speed operation, effectively ensuring long-term stable operation of compression. The inlet is equipped with low inlet pressure protection, the exhaust end is equipped with high exhaust pressure protection, and there is also high exhaust temperature protection. If the temperature exceeds the pressure, the system will alarm and shut down to ensure safe operation.

机型技术参数 / Model technical parameters /

| Model 型号 | Working medium 工作介质 | suction pressure 进气压力 (Mpa,Psig) | Discharge pressure 排气压力 (Mpa,Psig) | Motor.kW 电机功率 | pressure stage 压缩级数 | cylinder num 气缸数 | shaft speed 主机转速 | Flow rate Nm3/hr 流量 | Voltage 电源电压 | Cooling way 冷却方式 | weight 净重 | dimension 尺寸 mm |
|---------------|---------------------------|---|---|------------------|---------------------------|------------------------|------------------------|---------------------------|---------------------------------|------------------------|--------------|--------------------|
| GOWZ-15/4-150 | oxygen | 0.2-0.4, 50-60 | 15,2150 | 7.5 | 4 | 4 | <300rpm | 15 | 220V/380V/415V J440V 50/60HZ | Air cooling | 400kgs | 1000×810×1200 |
| GOWZ-20/4-150 | oxygen | 0.2-0.4, 50-60 | 15,2150 | 7.5 | 4 | 4 | <300rpm | 20 | 220V/380V/415V J440V 50/60HZ | Air cooling | 400kgs | 1000×810×1200 |

- ✓ GOWZ-20/4-150 is compatible with any kind of oxygen generator found in the market.
- ✓ Specifically it is also fully compatible with the Oxygen production station model IM-GO 300

BOOSTER FILLING RAMP (MEGASAN, 3 X MG-KOLO5)



Technical Specifications

Product Code : MG-KOLxy "x:O (Oxygen), A (N₂O), SA (Pure Nitrogen) ,K (Carbon dioxide), H (Dry Air), "
 Product Name : Cylinder Supply Unit Collector
 Packaging Type : Wrapped Package

| Product Code | Number of Cylinders | Package Sizes |
|--------------|---------------------|---------------|
| MG-KOLx2 | 2 | 60x30x20 cm |
| MG-KOLx3 | 3 | 90x30x20 cm |
| MG-KOLx4 | 4 | 120x30x20 cm |
| MG-KOLx5 | 5 | 150x30x20 cm |

- ✓ Booster output will be connected to a ramp with $2 \times 5 = 10$ cylinders of 40 liters each (reservoir) and 1 x 5 ramp will be allocated as free ports for connecting powered cylinders.

20 FEET SEA TYPE (MARITIME) CONTAINER WITH INSULATION



GOWZ-20/4-150 and 3 X MG-KOLO5 manifolds will be installed in a 20" maritime, ISO type container as seen in the picture give above.

Technical Specifications of the Container

- ✓ Maritime type container
- ✓ Transportable
- ✓ Complies with European noise standards
- ✓ Allows handling with a forklift.
- ✓ Turnkey solution – Plug & Play
- ✓ Thermal insulation (5 cm thick)
- ✓ 1 x AC (12.000 BTU) for summer cooling (up to 40 degrees)
- ✓ 4 kW heating unit for winter warming (down to -20 degrees)
- ✓ 1 x motorized and automatic hot air discharge grill for the booster.
- ✓ 1 x motorized and automatic fresh air intake grill for the booster.

- ✓ 2 x PT-100 to measure inside and outside temperatures for automatic control
- ✓ 2 x Automatic Fans to remove hot air from the top
- ✓ 2 x Automatic Fans to remove oxygen from the bottom
- ✓ 1 x Electrical panel for the whole plant with emergency stop button
- ✓ 1 x All necessary pneumatic piping and electrical connection
- ✓ 1 x Smoke detector with auto-shut electricity system
- ✓ 1 x Side door
- ✓ 12 months warranty against manufacturing defects
- ✓ CE marking
- ✓ User and Service Manual