



we know
what we do



Contact

Amec Industries

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About Us

Pure Gas, Pure Engineering

AMEC INDUSTRIES is a manufacturer & contractor of oil free gas booster, on site PSA oxygen and nitrogen generation systems.

AMEC INDUSTRIES is a company with dynamic, innovative, reliable, technological and high quality service understanding and operating according to the commercial laws of the countries.

Our team of highly skilled professionals with the appropriate oil free gas booster, nitrogen and oxygen generators to our clients develop, design and produce a solution by taking into account all the special needs that are required to we are here.

AMEC INDUSTRIES's team has been working with international companies having the international quality standards.



Capabilities

We produce air separation and high-pressure gas compressors with the power we receive from science and experience.

01 Technical Capabilities

AMEC INDUSTRIES is specialized on;

- Design & manufacturing of Oil Free Oxygen Booster
- Design & manufacturing of PSA Oxygen Generators
- Design, engineering and manufacturing of skid, containerized and on site dry air & gas generator packages
- Manufacturing of power distribution panels, automation, remote controller, PLC programming (Siemens)

02 Engineering Capabilities

- Preparing MDB and technical documentations
- Maintenance and service manuals
- System block diagram & installation drawings
- Piping and instrument diagram
- Electrical and control wiring drawings
- Piping material list
- Operation manuals
- Mechanical and instrument data sheets
- Piping drawings
- Equipment / General arrangement drawings
- Dimensional drawing



Factory 1

**1.800 m2
Land**



**1.000 m2
Manufacturing Area**



**300 m2
Offices**

Factory 2

**4.800 m2
Land**

**2.400 m2
Manufacturing Area**

**450 m2
Offices**

Factory 3

**18.000 m2
Land**

**10.000 m2
Manufacturing Area**

**2.000 m2
Offices**

What We Offer to Customers

As an Amec Industries, we have always preferred to be an organization that takes into account the wishes and opinions of its customers, rather than just creating a fixed production line. We have always included our imagination in this work to turn our engineering into designs that our customers will like in order to make our production in accordance with the requirements of the region where customers will use our products. In this way, we have added customer satisfaction to our production.

We know that solving for customer needs and exceeding expectations along the way is how to drive healthy business growth and foster good relationships with the people your company serves.

In order to maintain this relationship at all times and to keep it at the highest level, our customer service works 24/7 to communicate all the problems, opinions and requests of our customers to us.

Sectors

Oxygen Sector

- Healthcare Systems
- Water Treatment
- Fish Farming
- Glass Industry
- Mining
- Metal Industry

Nitrogen Sector

- Oil & Gases
- Food and Beverage
- Packaging
- Mechanical Industry
- Metal Industry
- Wine Industry

Where We Are

Peru
Bolivia

Algeria
Tunisia
Libya
Tanzania
Ghana
Jamaica

Niger
Nigeria
Angola
Cameroon
Uganda

Georgia
Turkmenistan
Kazakhstan
Iraq
India

Pakistan
Philippines

Ukraine



AMEC
INDUSTRIES

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Twin Tower Oxygen Generator

Twin tower oxygen generators are the machines we will accept as traditional. Many oxygen generators around the world have twin tower designs. They show great performance in harsh working environments.

Amec Industries manufactures two different types of twin tower oxygen generators for use in the medical and industrial fields.

The equipment used in oxygen generators to be used to produce medical oxygen is selected to be compatible with human health. The oxygen purity in the produced gas is measured continuously.

Amec Industries manufactures oxygen generators with capacities from 3 Nm³/h to 1.000 Nm³/h.

Oxygen generators can also be delivered in turnkey container or skid systems.

Twin Oxygen Generator	Oxygen Flow (Nm³/h)	Purity (%)
OGS 3	3	95 +-1
OGS 6	6	95 +-1
OGS 9	9	95 +-1
OGS 12	12	95 +-1
OGS 15	15	95 +-1
OGS 18	18	95 +-1
OGS 21	21	95 +-1
OGS 24	24	95 +-1
OGS 27	27	95 +-1
OGS 30	30	95 +-1
OGS 35	35	95 +-1
OGS 40	40	95 +-1
OGS 45	45	95 +-1
OGS 50	50	95 +-1
OGS 55	55	95 +-1
OGS 60	60	95 +-1
OGS 65	65	95 +-1
OGS 70	70	95 +-1
OGS 75	75	95 +-1
OGS 80	80	95 +-1
OGS 85	85	95 +-1
OGS 90	90	95 +-1
OGS 95	95	95 +-1
OGS 100	100	95 +-1
OGS 120	120	95 +-1
OGS 140	140	95 +-1
OGS 160	160	95 +-1
OGS 180	180	95 +-1
OGS 200	200	95 +-1
OGS 240	240	95 +-1
OGS 280	280	95 +-1

*Also we can produce custom size of OGS, you can contact with our sales engineer.



Modular Oxygen Generator

Our modular oxygen generators are designed for users whose oxygen consumption tends to increase over time.

The lowest production capacity is 2.5 m³ / h and the maximum production capacity of a single machine is up to 15 m³ / h.

Production capacity can be increased up to 150 m³ / h thanks to the modules that are added side by side after 15 m³ / h capacity.

Twin Oxygen Generator	Oxygen Flow (m ³ /h)	Purity (%)
MGS 25	2,5	95 +-1
MGS 50	5	95 +-1
MGS 75	7,5	95 +-1
MGS 100	10	95 +-1
MGS 125	12,5	95 +-1
MGS 150	15	95 +-1

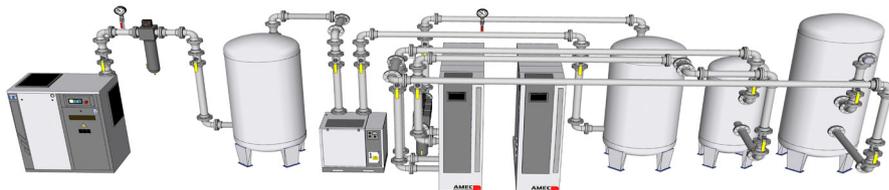
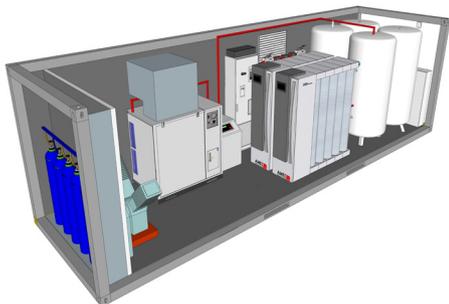
Oxygen Generation System Container & Skid

Our plug-and-play container & skid oxygen generation systems are delivered after all mechanical and electrical manufacturing.

There is no need for any electrical and mechanical assembly after shipment. It is only connected to the power distribution panel and is ready for use.

Container & skid oxygen generation systems have a small footprint, are easy to transport and the commissioning procedure is very simple.

That systems can be manufactured for all capacities. Please contact our sales engineer for your requests.



Oxygen Booster - 150 bar

Models	Oxygen Flow (m ³ /h)	Inlet Pressure (bar)	Outlet Pressure (bar)	Cooling Type
CFS 15	15	5 - 6	150	Liquid & Air
CFS 30	30	5 - 6	150	Liquid & Air
CFS 50	50	5 - 6	150	Liquid & Air

Eco-friendly Solutions from Amec Industries

No more complex logistics processes for high-pressure cylinder supply

It protects the ozone layer by causing less carbon emissions

Standart Equipments

- Motor - Starter
- Direct Drive Mechanism
- On - Off Button
- Timer
- High Pressure Auto Stop Features
- Low Inlet Pressure Auto Stop Features
- Safety and Relief Valve
- Pressure Gauge
- Safety Barrier
- Outlet Gas Filter
- Cooling Fan
- Proven Safety Features
- Oil Free Design

Optional Equipments

Inlet Zirconia Oxygen Analyser

Know what purity gas you are filling your oxygen cylinder with with the oxygen analyzer in the inlet line.

Gas of non-standard purity is not filled into the cylinders.

Remote Monitoring

It allows you to remotely monitor data such as working time, amount of filled cylinder, filling pressure, real time status.

Questionnaire

Company _____

Contact Name _____

Main Activity _____

Contact Position _____

Country _____

Phone _____

Address _____

E-mail _____

Project Status Pre-Feasibility Study Feasibility Study Tender for Product Supply Order

Current gas supply system (liquid/cyl/gas) _____

Required oxygen purity range _____

Projected oxygen consumption, m³/h _____

Required oxygen pressure, bar _____

Daily working hours _____

Number of working days per week _____

Number of working days annually _____

Annual Consumption

m³ - gas _____

Cylinder (50 lt - 200 bar- Equal to 10.000 lt) _____

Liter - gas _____

Cylinder (40 lt - 150 bar- Equal to 6.000 lt) _____

kg (liquid) _____

Altitude (above sea level) _____

Power Frequency (50Hz or 60Hz) _____

Min. ambient temperature _____

Power Voltage for MONO phase _____

Max. ambient temperature _____

Power Voltage for TRI phase _____

Relative humidity _____

Technical room available ? _____

High pressure automatic cylinders filling system (Y/N) _____

How many mobile cylinders do you want to fill per day _____

Usual cylinders pressure in your country (in bar or psi) _____

Usual cylinders capacity in your country (in water liter) _____

How many hours of operation per day will the production system be used _____

How many hours of operation per day will the filling device be used _____

Other additional equipment or option required _____

OTHER RELEVANT INFORMATION YOU WANT TO SHARE WITH US _____

1. Fill the form
2. Take a picture
3. Scan the QR
4. Save the Amec Industries sales number
5. Send a message by WhatsApp





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