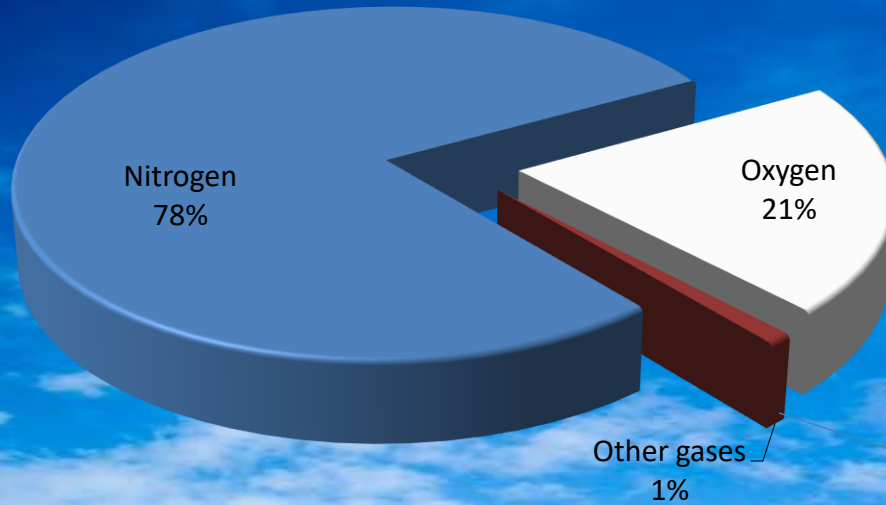


Company portfolio 2022



Atmospheric Air



- Air normally contains water vapor
- Air is contaminated with solid particles (dust, sand, ...)
- Density: 1,2252 kg/m³ (at sea level and 15°C)



Low pressure applications (up to 16 bar)

FILTER TYPES

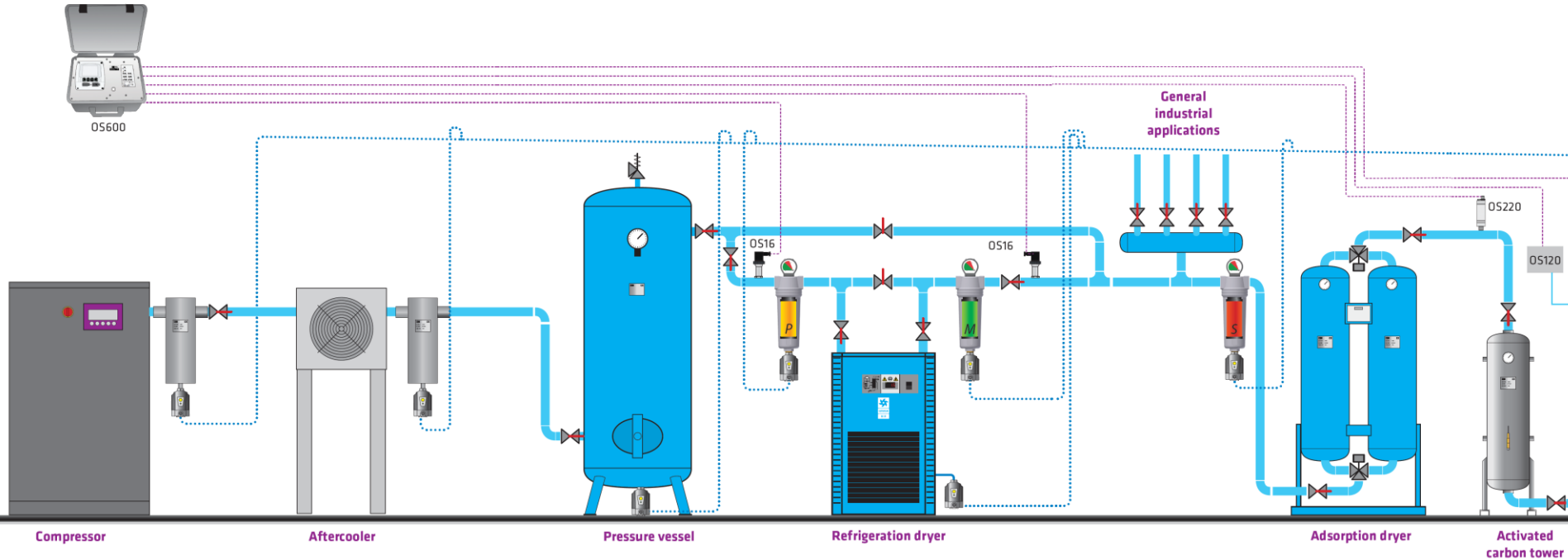
Prefilters
Microfilters
Activated carbon filters
Process filters
Sterile filters

DEW POINTS

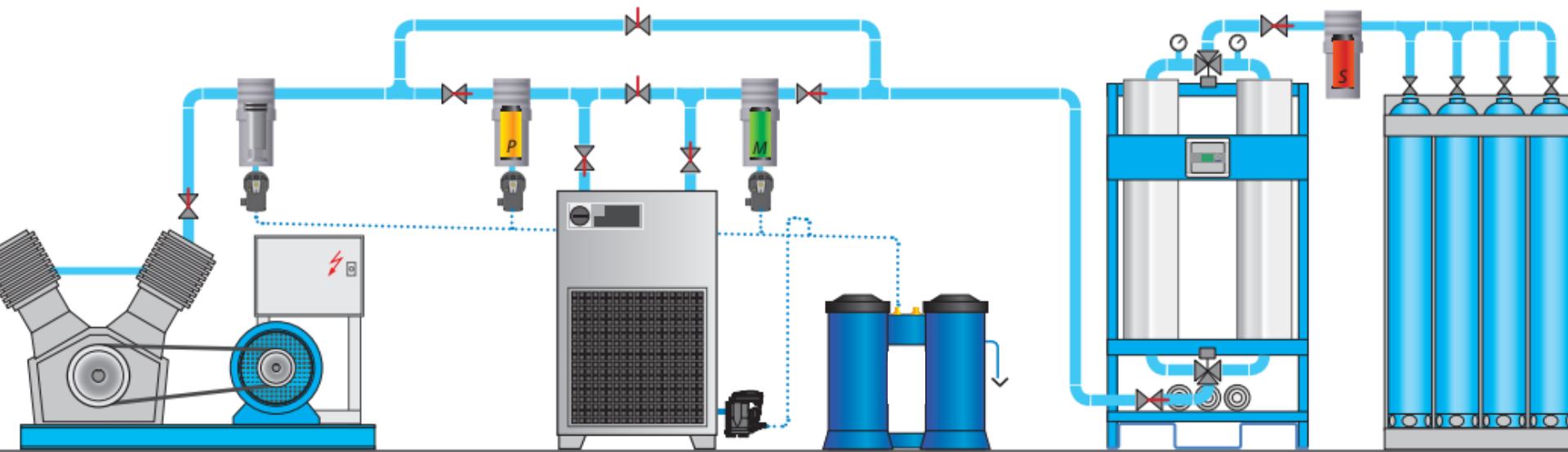
+3°C
-25°C
-40°C
-70°C

MEDIUM

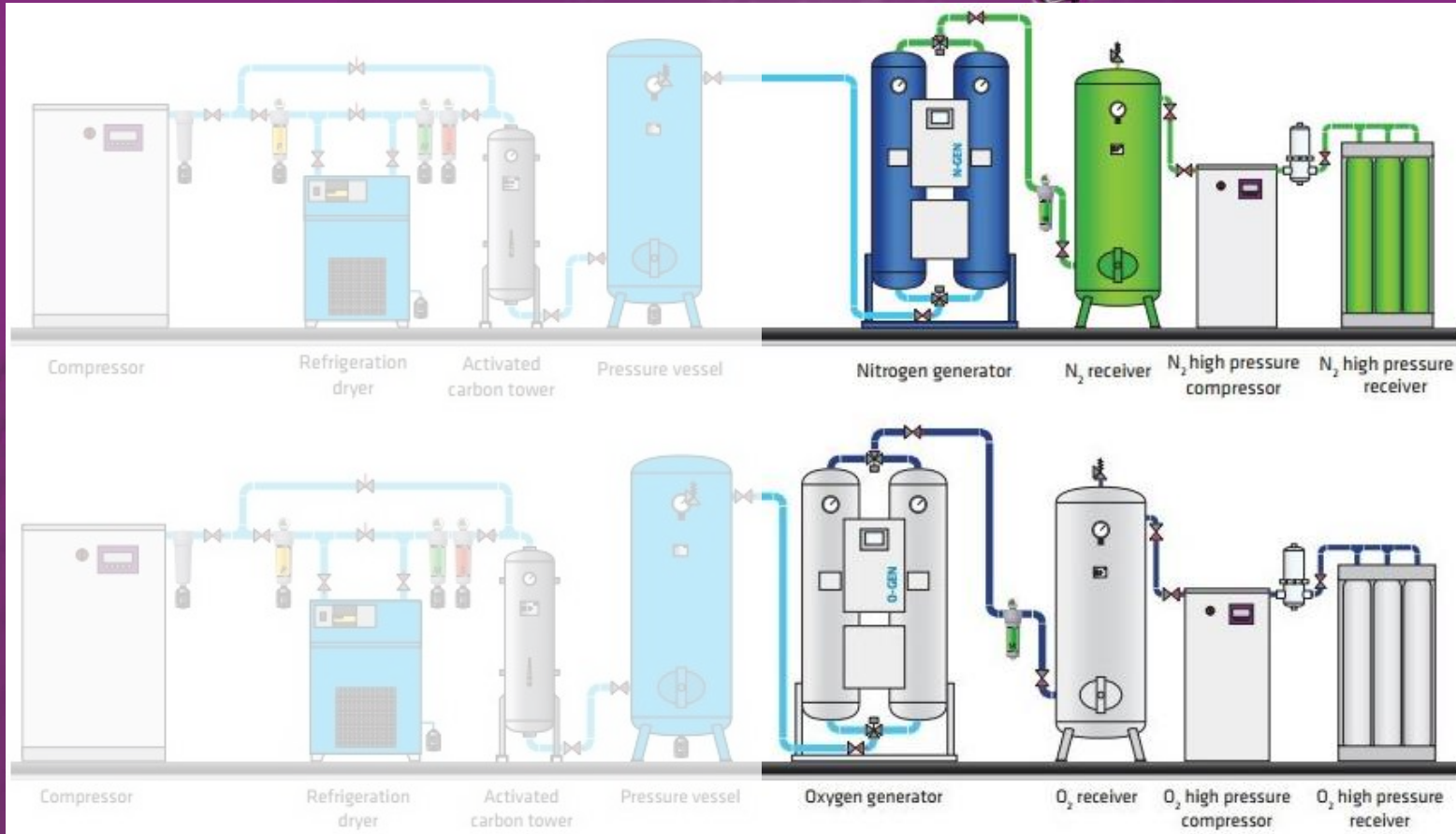
Compressed air
N₂
O₂
Natural gas
CO₂



High pressure applications (up to 420 bar)



PSA and membrane nitrogen and oxygen generators



Custom made SKIDS

SKIDS

Air



Breathing Air



Nitrogen



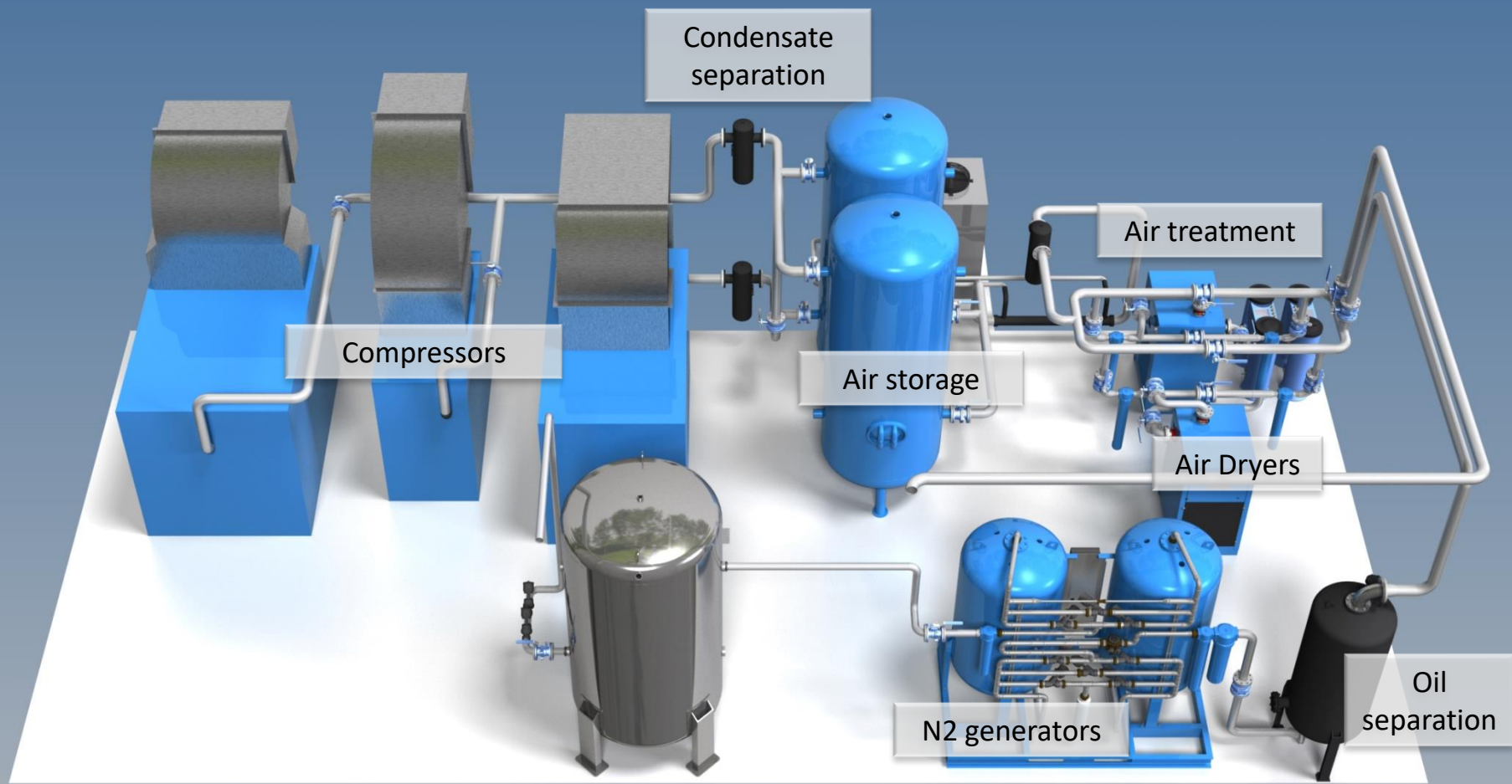
Oxygen



CNG



Projects



OMEGA AIR Group



OMEGA AIR GmbH
Germany

OMEGA AIR d.o.o. Ljubljana
Slovenia
Headquarters

PROINS d.o.o.
Slovenia

OMEGA AIR ITALY s.r.l.
Italy

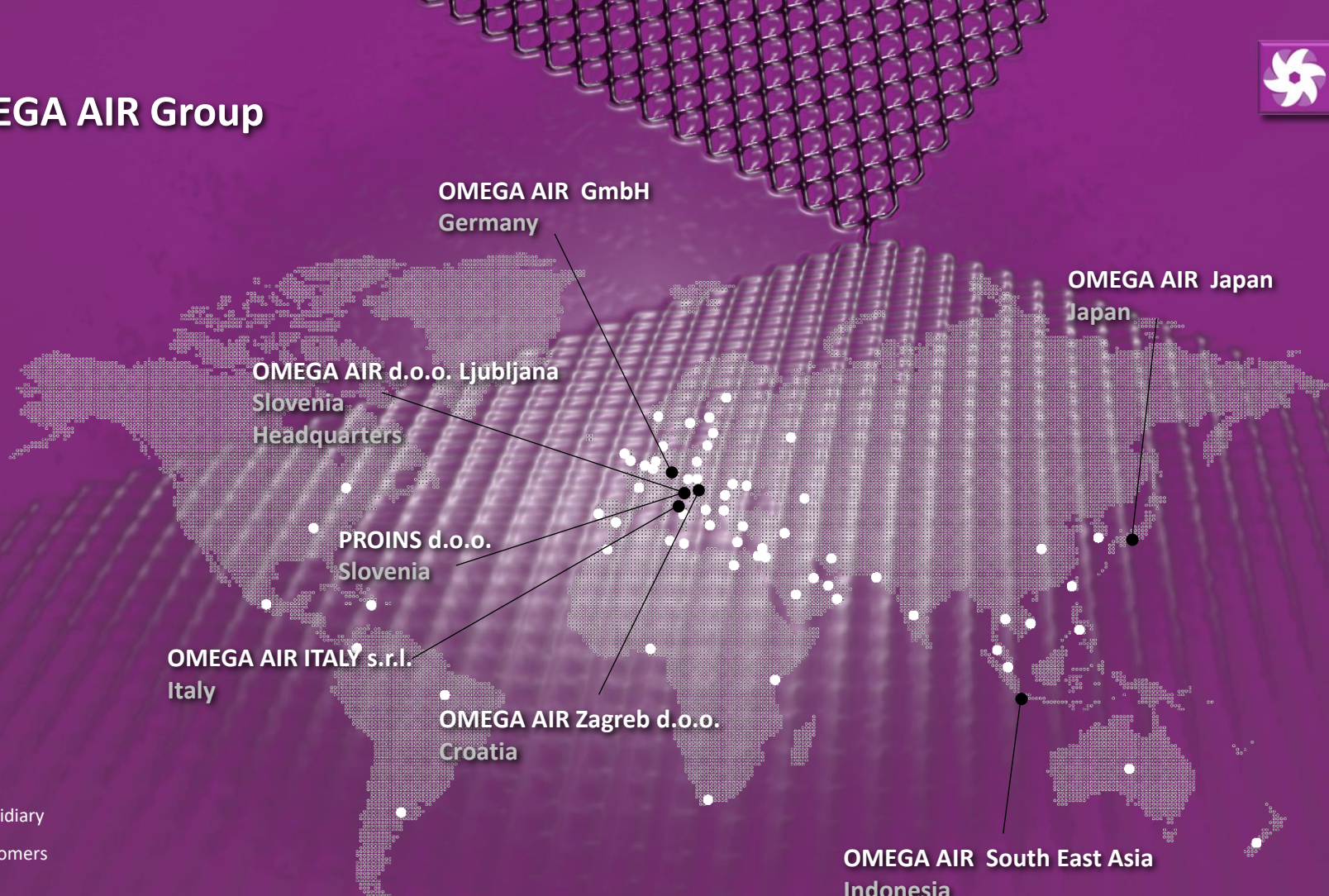
OMEGA AIR Zagreb d.o.o.
Croatia

OMEGA AIR Japan
Japan

OMEGA AIR South East Asia
Indonesia

● subsidiary

● customers



OMEGA AIR d.o.o. Ljubljana



Austria



Hungary



SLOVENIA



Italy



Croatia



OMEGA AIR d.o.o. Ljubljana

Headquarters OMEGA AIR d.o.o. Ljubljana



- Head office
- Production halls
- Sales office
- R & D

Σ 6.600 m²

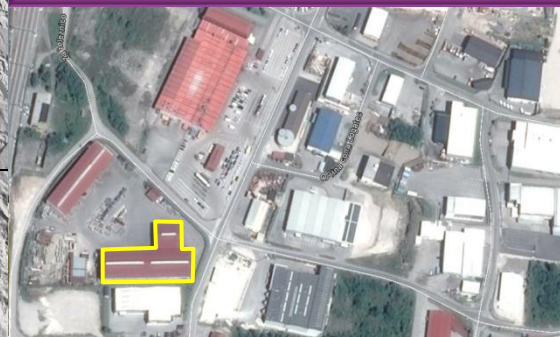
OMEGA AIR - Logatec



- Compressors and technique dept.
- Service center
- Welding department
- Dryers production

Σ 80.000 m²

OMEGA AIR SHOP - Logatec



- Main warehouse

Σ 2.500 m²

25 km

OMEGA AIR

Owners and Management



OWNERS



Edvard
Sojer



Alojz
Dobnikar



Marko
Nartnik

GENERAL MANAGER

Edvard Sojer

MANAGEMENT BOARD

Edvard Sojer

Alojz Dobnikar

OMEGA AIR

Business data 2021



Turnover 2021
36 MIO EUR



Employees
335

2022

Annual production (pcs/year)



86.000



465.000



1.500



1.400



950



3.500



180



280



7.000



90.000

+10 to +20%

WE
ADD
VALUE
TO
YOUR
BUSINESS

OMEGA AIR

Where are we present?

Better air ewerywhere!



Europe
58%

Africa
2,1%

Middle East
6,3%

CIS countries
15,8%

East Asia
4,4%

South Asia
0,6%

South East Asia
3,9%

Oceania
1,7%

South America
3,6%

North America
3,6%

3,6%

North America

3,6%

South America

58%

Europe

6,3%

Middle East

2,1%

Africa

15,8%

CIS countries

0,6%

South Asia

4,4%

East Asia

3,9%

South East Asia

1,7%

Oceania

Operating sections



SALES



RESEARCH AND DEVELOPMENT



PRODUCTION



PURCHASE DEPARTMENT



TRANSPORT AND LOGISTICS



QUALITY



OMEGA AIR SERVICE



MARKETING



FINANCIAL & ACCOUNTING DEPARTMENT



Sales sections



AIR AND GAS



COMPRESSORS AND TECHNIC



MEGA AIR



OMEGA AIR SERVICE

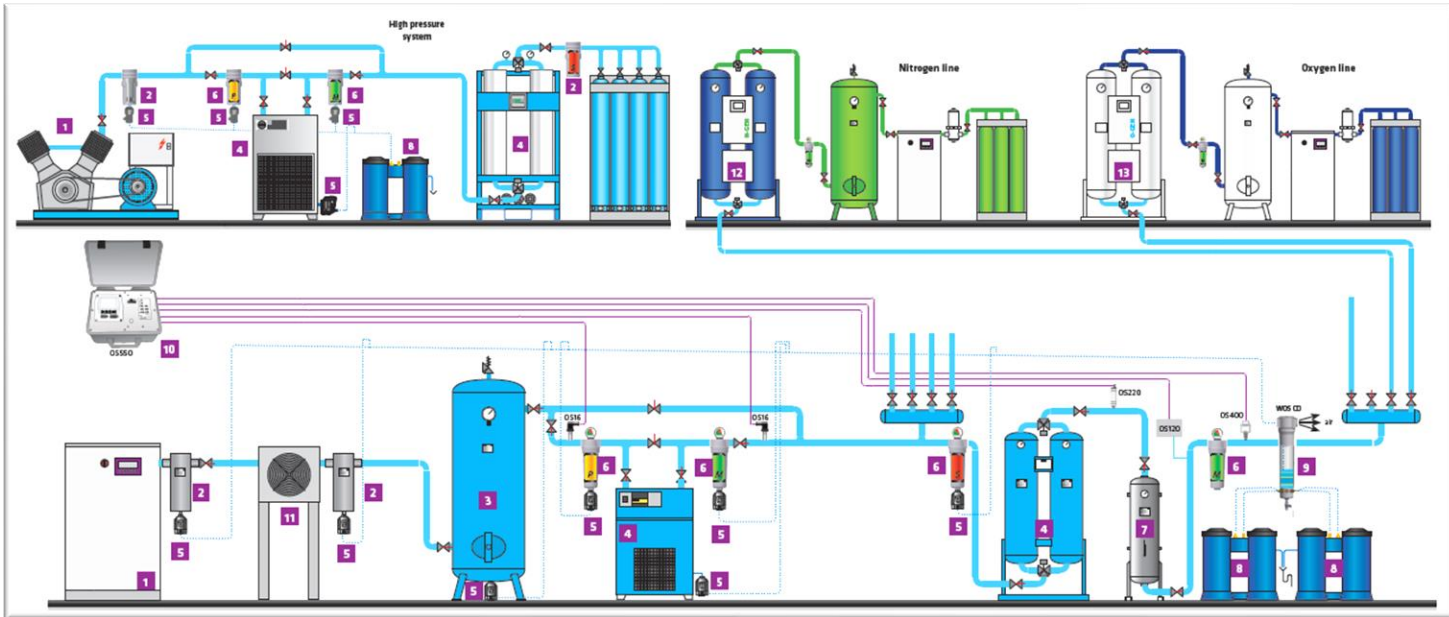


OMEGA AIR SHOP



Air and Gas

Languages



Pressure ranges

16 bar
50 bar
100 bar
250 bar
420 bar

Filter types

Prefilters
Microfilters
Activated carbon filters
Process filters
Sterile filters

Dew points

+3 °C
-25 °C
-40 °C
-70 °C

Medium

Compressed air-ISO 8573-1
N₂ – 99,999
O₂ – 95
Natural gas
CO₂

Air and Gas sales department

31 employees

7 regional managers

80+ countries

37 authorized dealers

5 offices



MEGA AIR



Screw Compressors

Piston Compressors

Pipe system

Compressed air treatment

Compressed air equipment

Generators

Measuring equipment

Service

Pneumatic Equipment

Fasteners

Pneumatic Tools

Maintenance equipment

Compressors and Technique department

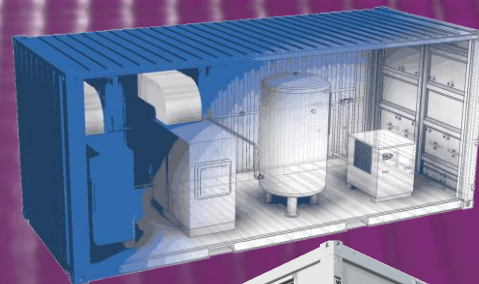
Screw compressors



Piston compressors



Compressed air stations



Research and Development department

36 engineers and technicians



Filters

Dryers

**N₂ and O₂
generators**

**Condensate
drains**

- ▶ 3D Design –Inventor
- ▶ CAD-CAM processes
- ▶ Technologic solutions
- ▶ Electronics technology
- ▶ Chemical engineering
- ▶ Welding technology
- ▶ Mechatronic processes
- ▶ Moulds construction

Industrial engineering



- ▶ Compressed air stations
- ▶ N₂ and O₂ generator stations
- ▶ CNG filling stations
- ▶ Micro biogas plants
- ▶ Micro cogenerations
- ▶ Project engineering



OMEGA AIR Shop

Retailers



Wholesale - Logatec



OMEGA AIR Service



10 service technicians

24/7 service

11 service vehicles

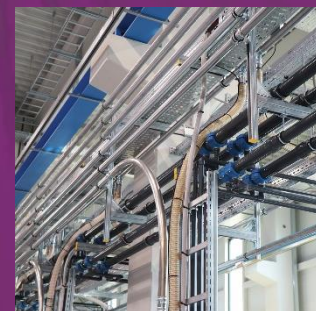
Service of:

- compressors and equipment
- air conditioning and industrial cooling
- humidifiers and heating
- pneumatic tools

Technical support

Spare parts warehouse

Rent



Marketing



4 engineers

- ▶ Marketing brochures
- ▶ Marketing materials
- ▶ Photo studio
- ▶ Webinars
- ▶ Digital marketing
- ▶ Trainings



www.omega-air.si

Quality department

4 quality engineers

Quality 1st

- ▶ Input material control
- ▶ Production phases control
- ▶ Final products inspection
- ▶ 100% hydrotest
- ▶ DOP test
- ▶ Bursting tests
- ▶ ISO and ASME management system



Transport, Logistics, Expedit

25 employees

3 heavy goods vehicles 26t

2 Cargo trailers (1 x 13t + 1x 8,5t)

4 vans (3,5t)

49 company cars

19 forklifts (10t, 6t, 2x3.5t, 2x3t, 3x2t, 10x1.2t)

5000 + 3200 m² of warehouses

Logistics centre in Logatec



Production

Filters & Separators



Filter elements



Dryers & Generators



Equipment



Machining



Welding



Refrigeration dryers



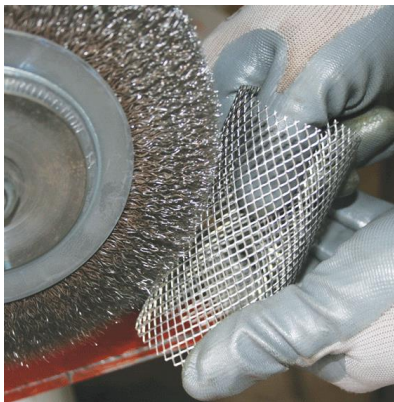
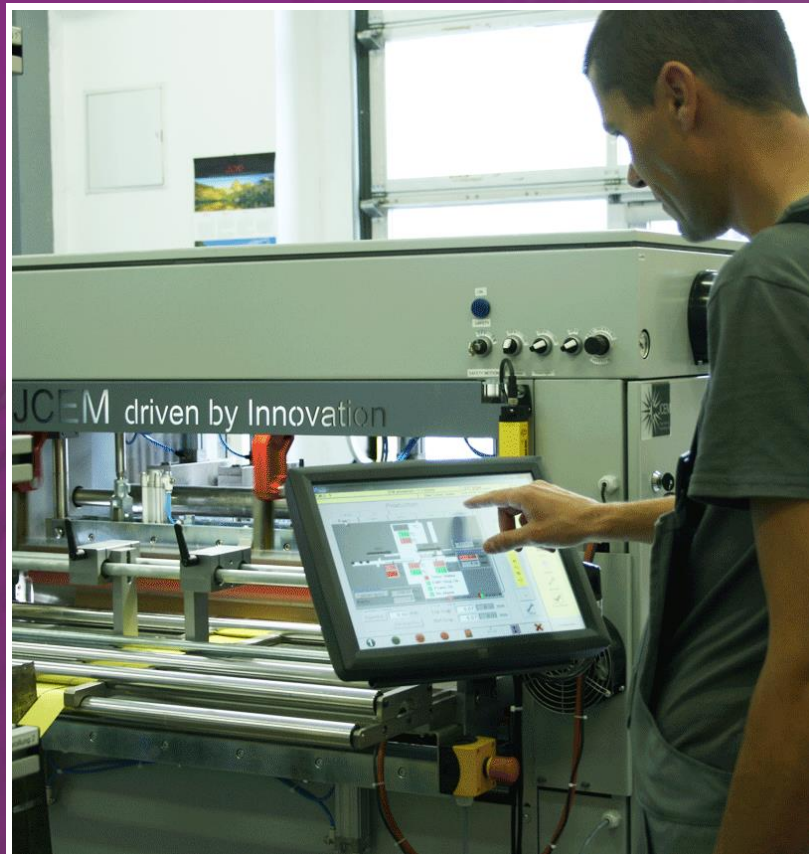
Moulds production



Production: Filtration & Separation



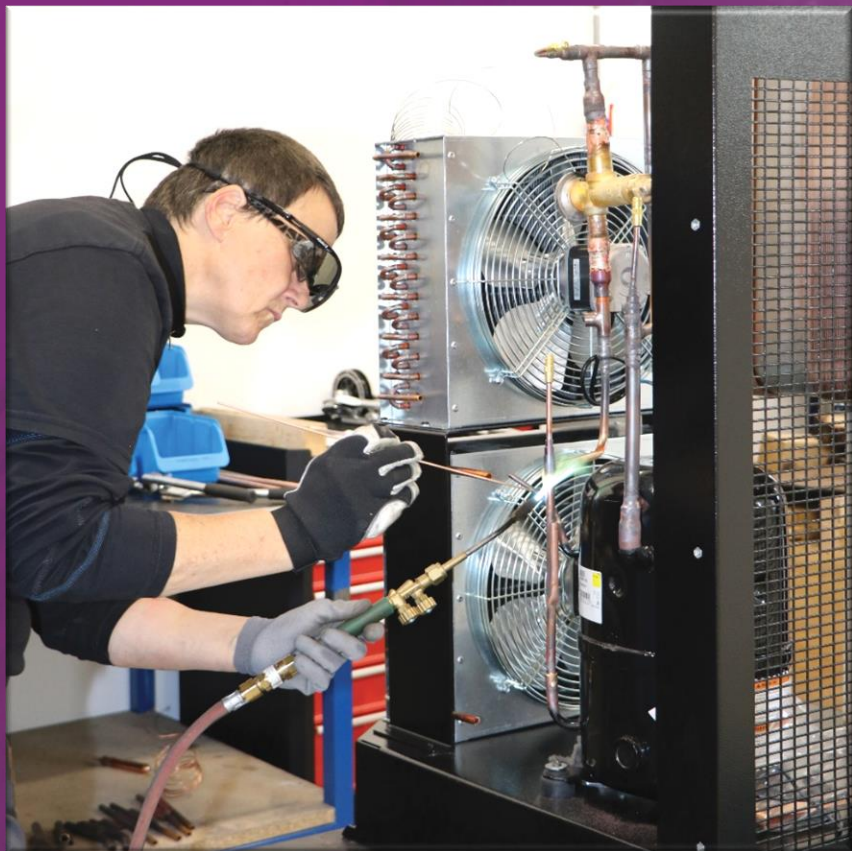
Production: Filter elements



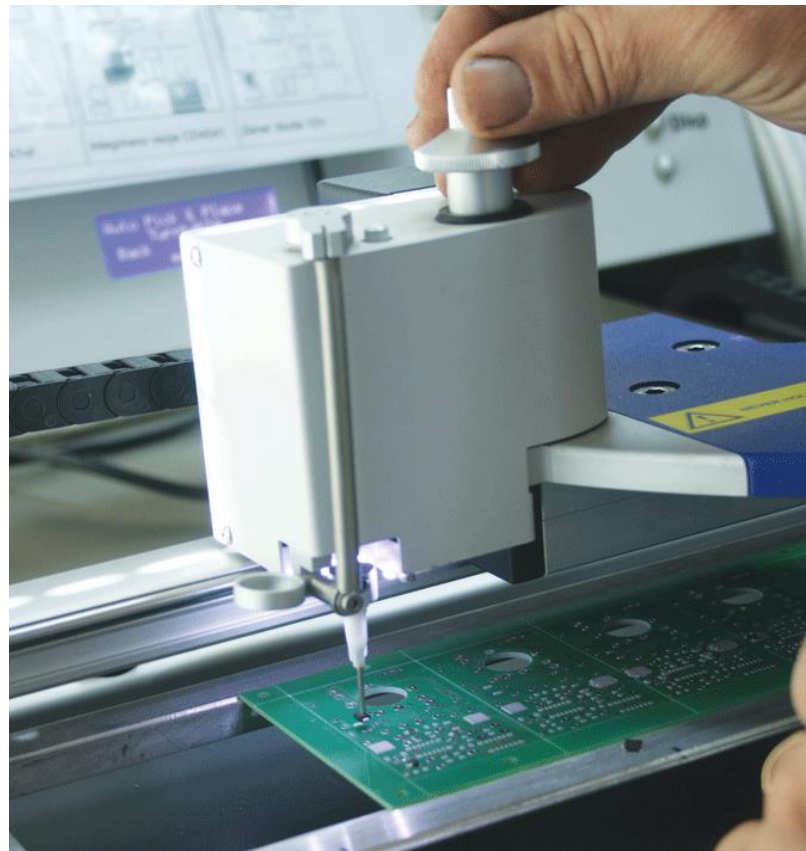
Production: Dryers & Generators



Production: Refrigeration Dryers



Production: Equipment

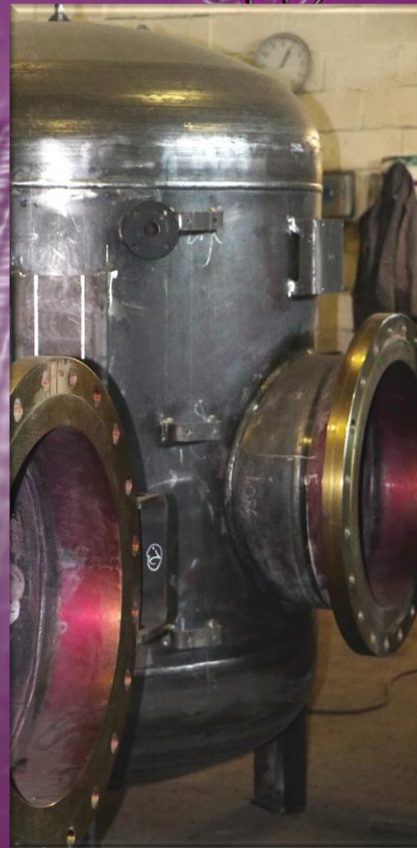
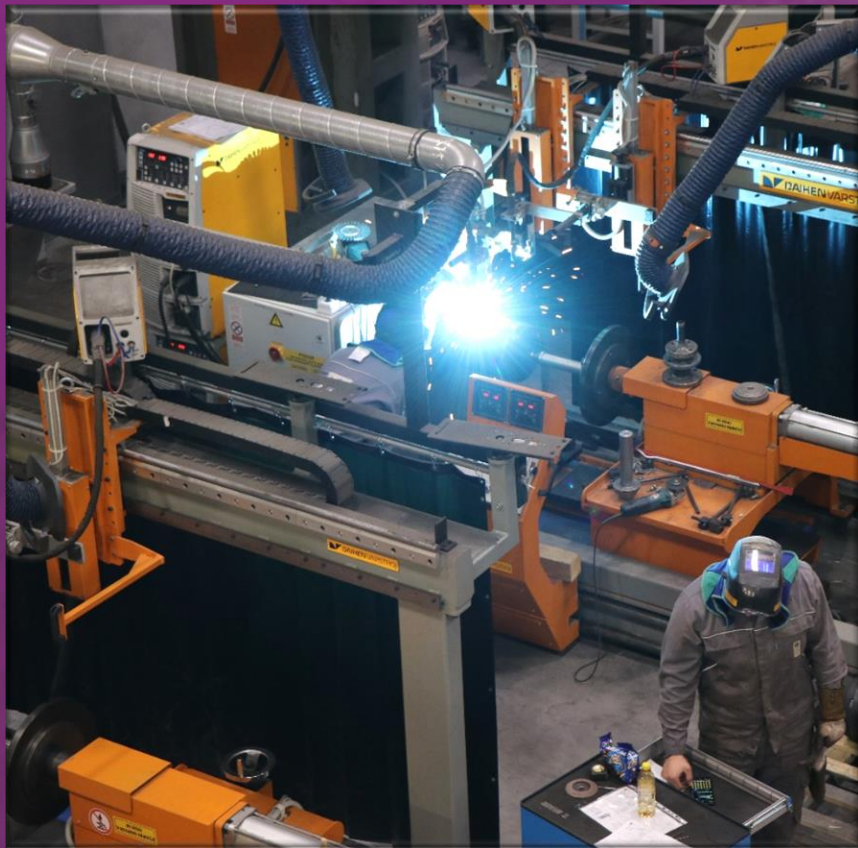


Production: Machining



14 x CNC lathes
5 x CNC machin. centers
1 x robot
3 x CNC saw
5 x plastic injection molding
machines

Production: Welding



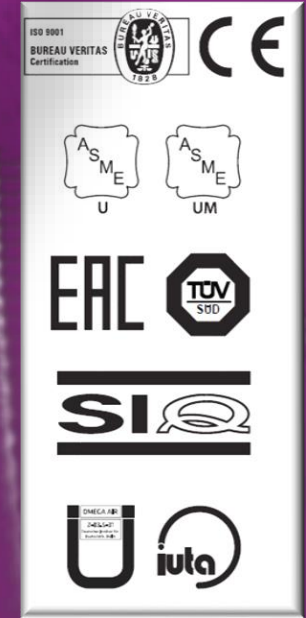
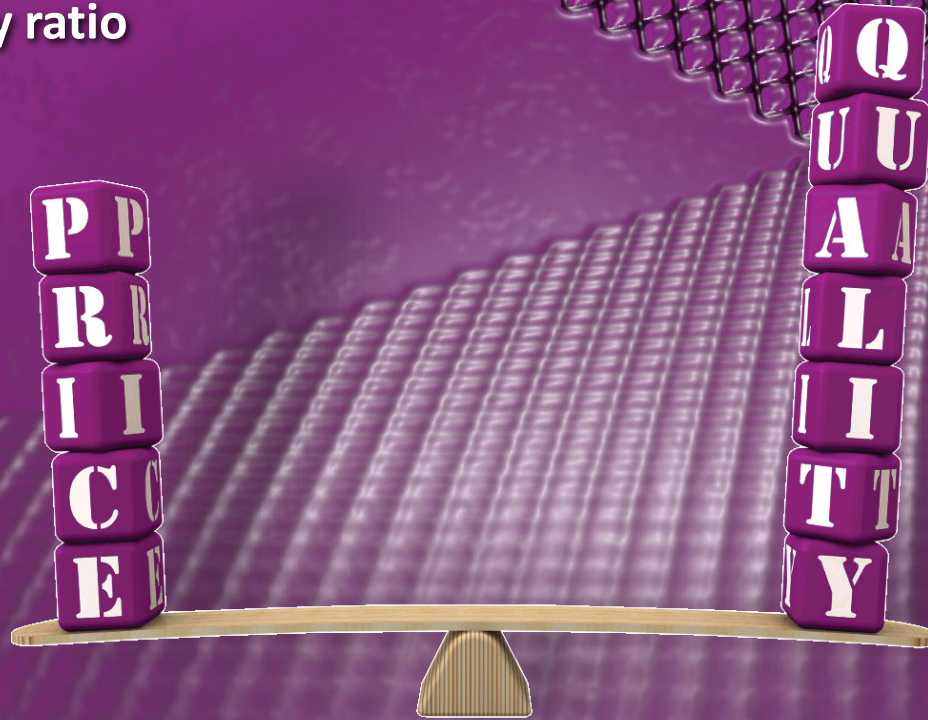
Production: Plastics



Production: Moulds



Price – Quality ratio



**Short
delivery
time**

**Custom
made
solutions**

**Value
for
money**

**Certified
quality**

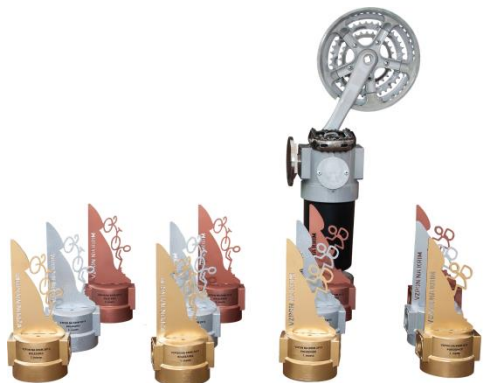
**1st
class
materials**

**Top
support**

Trainings

**All
in
one**

OMEGA AIR Sport



Products

Filters



Separators



Indicators



Condensate drains



Dryers



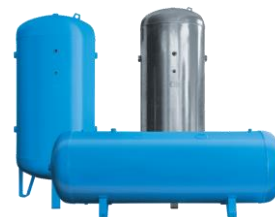
Generators



Measurement equipment



Pressure vessels



SKIDS



Compressed Air equipment



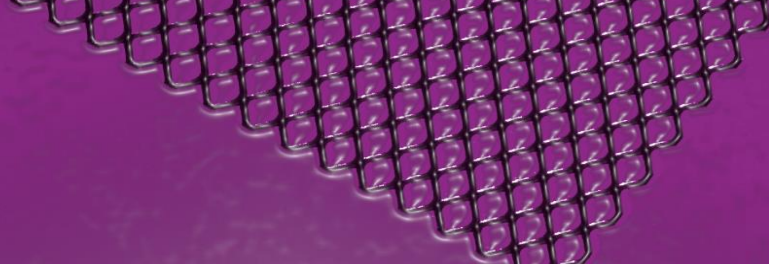
Water/oil separators



Industrial water chillers



References



Reference project:

STAINLESS STEEL PROCESS FILTERS

Quantity: 4 pcs
Project: Hassi Messaoud Project
End client: Sonatrach

Design Code: ASME Sec.VIII Div.1
Approval: ASME-U; ARH

Year of production: 2015



Operating pressure : 11 bar
Nominal flow: 1890 Nm³/h
Temp. operating range: -10°C to +93°C
Connections: DN80
Material: SS SA-312 TP316L



Reference project:

CONDENSATE SEPARATOR

Quantity: 34 pcs
Project: ABS Shipyard project
End client: n.a.

Design Code: ASME Sec.VIII Div.1 / AD-2000
Approval: ABS; NR-13; PED-CE

Year of production: 2013-2015



Operating pressure : 16
Material: carbon steel



Reference project:

CARBON STEEL FILTERS

Quantity: 8 pcs
Project: Midyan gas processing facilities
End client: Saudi Aramco

Design Code: ASME Sec.VIII Div.1
Approval: ASME-U

Year of production: 2015



Operating pressure : 9 bar
Nominal flow: 2100 Nm³/h
Temp. operating range: -5°C to +90°C
Connections: DN80
Material: Carbon Steel SA-106 Gr. B



Reference project:

HORIZONTAL OIL SEPARATOR

Quantity: 6 pcs
Project: Biogas compressors
End client: Compressor Systems Holland

Design Code: ASME Sec.VIII Div.1
Approval: PED-CE (Fluid group 1)

Year of production: 2015



Operating pressure : 20 bar/10 bar
Material: Carbon steel



Reference project:

HIGH PRESSURE FILTER 300 bar

Quantity: 150 pcs
Project: LNG project
End client: PSN Kazstroy

Design Code: ASME Sec.VIII Div.1
Approval: ASME-U

Year of production: 2014-2016



Operating pressure : 300 bar
Nominal flow: 1560 Nm³/h
Temp. operating range: -36 to +65°C
Connections: 1/2" NPT
Material: Stainless steel SA-479 gr. 304



Reference project:

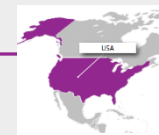
CUSTOM MADE CYCLONIC SEPARATOR

Quantity: 1 pc
Project: n.a.
End client: n.a.

Design Code: ASME Code Sec.VIII Div.1;

Approval: ASME-U

Year of production: 2017



Operating pressure : 15 bar
Material: Stainless steel 304



References



Reference project:

B-DRY 250 - HEATLESS ADSORPTION COMPRESSED AIR DRYER

Marine application

Quantity: 2 pc
Project: Offshore - Cameroon - Marine painting, modified piping, purge optimization
End client: PERENCO CAMEROON

Design Code: PED, CE

Year of production: 2019

Operating pressure : 7-9 barg
Nominal flow: 230 Nm³/h
Ambient temperature: 20-35°C
Operating temperature: 30-45°C
Dew point : -40°C
Connections: DN200
White Painting RAL-9003 suitable for marine atmosphere: 3 layers, SA 2.5, Epoxy ZN, 210 µm



Reference project:

R-DRY 1600 BVL - ADSORPTION COMPRESSED AIR DRYER

Heat regenerated - Cooling in closed loop (zero purge)

Quantity: 1 pc
Application: Production of viscose
End client: n.a.

Design Code: PED
Approval: CE

Year of production: 2017

Operating pressure : 7 bar
Nominal flow: 1200 Nm³/h
Inlet temperature: 35°C
Connections: DN80
Pressure Dew Point: -40°C



Reference project:

R-DRY 10000 BP - ADSORPTION COMPRESSED AIR DRYER

Heat regeneration - Purge air cooling

Quantity: 1 pc
Application: Custom made dryer for Paper industry
End client: n.a.

Design Code: PED
Approval: CE

Year of production: 2017

Operating pressure : 6 barg
Nominal flow: 5,100 m³/h
Inlet temperature: 40°C
Dew point : -40°C
Connections: DN200



Reference project:

R-DRY 1600 BP - ADSORPTION COMPRESSED AIR DRYER

Heat regenerated - Purge air cooling

Quantity: 1 pc
Application: Production of cosmetics (lipsticks and perfumes)
End client: n.a.

Design Code: PED
Approval: CE

Year of production: 2017

Operating pressure : 7 barg
Nominal flow: 690 Nm³/h
Inlet air temperature: 45°C
Connections: DN80
Pressure Dew Point: -40°C



Reference project:

R-DRY 7700 BVA - ADSORPTION COMPRESSED AIR DRYER

Heat regenerated in vacuum mode (zero purge)

Quantity: 1 pc
Application: Wood production
End client: Industry service partner SIA

Design Code: PED
Approval: CE

Year of production: 2018

Operating pressure : 7 barg
Nominal flow: 7680 Nm³/h
Temp. operating range: 35°C
Connections: DN150
Pressure Dew Point: -40°C



Reference project:

R-DRY 3600 BVA - ADSORPTION COMPRESSED AIR DRYER

Heat regenerated in vacuum mode (zero purge)

Quantity: 1 pc
Application: Dairy
End client: Kleep Stasjon

Design Code: PED
Approval: CE

Year of production: 2016

Operating pressure : 7 barg
Nominal flow: 3600 Nm³/h
Temp. operating range: Icewater cooled compressed air
Connections: DN100
Dew point: < -40°C



References



Reference project:

F-DRY 3750 - ADSORPTION COMPRESSED AIR DRYER

Heatless regenerated

Quantity: 1 pc
Application: n.a.
End client: n.a.

Design Code: PED
Approval: CE

Year of production: 2015



Operating pressure : 7 barg
Inlet flow: 3600 Nm³/h
Inlet temperature: 35°C
Connections: DN100
Pressure dew point : -40°C



Reference project:

O-GEN 05 - OXYGEN GENERATOR

Quantity: 1 pc
Application: Water treatment
End client: n.a.
Year of production: 2018



purity: 95% (+/- 1%)
min. inlet pressure: 6 bar
max. oper. pressure: 10 bar
FAD: 1,15 m³/min.
ambient temp: 10°C - 35°C



Reference project:

HP-DRY 650 - HIGH PRESSURE ADSORPTION DRYER

Heatless regenerated - Purge air

Quantity: 1 pc
Application: Dryer for oil rick in Norwegian sea
End client: n.a.

Design Code: PED
Approval: CE

Year of production: 2015



Operating pressure : 270 bar
Nominal flow: 650 Nm³/h
Temp. operating range: 1,5 to 50°C
Connections: G 1/2"



Reference project:

STAINLESS STEEL AIR RECEIVER

Quantity: 50 pcs
Project: YAMAL LNG Plant
End client: Yamgaz SNC

Design Code: ASME Sec.VIII Div.1
Approval: ASME-U; EAC (TRCU032)

Year of production: 2015 - 2016



Operating pressure : 12 bar
Material: SS 316L (ASME sec. II)



Reference project:

N-GEN 300 - NITROGEN GENERATOR

Quantity: 1 pc
Application: Coffee production
End client: Atlantic grupa Beograd
Year of production: 2018



N₂ purity: 99,5 %
Capacity: 256 Nm³/h



Reference project:

VESSEL FOR PSA SYSTEM

Quantity: 6 pcs
Project: Boosting LDBP4 project
End client: Sonatrach

Design Code: ASME Sec.VIII Div.1
Approval: TÜV SÜD Industrie Service GmbH + ARH

Year of production: 2015



Operating pressure : 9 bar
Material: Carbon steel



References



Reference project:

VESSEL FOR POWER STATION

Quantity: 4 pcs
Project: Banha Power Station, 750 MW
End client: Consortium Hitachi Plant

Design Code: ASME Sec.VIII Div.1
Approval: ASME-U

Year of production: 2011



Operating pressure : 12 bar
Material: Carbon steel



Reference project:

EXPANSION TANK FOR HEATING CIRCUIT

Quantity: 4 pcs
Project: YAMAL LNG Plant
End client: Yamgaz SNC

Design Code: ASME Code Sec.VIII Div.1;
GOST-R 52630
Approval: EAC

Year of production: 2017



Operating pressure : 0,5 bar
Temp. operating range: -50°C to +100°C
Connections: DN50, DN600
Material: ASME Code Sec.II;
Carbon steel SA-516 Gr.70



Reference project:

VESSEL 1500

Quantity: 2 pcs
Project: YAMAL LNG Plant
End client: Yamgaz SNC

Design Code: ASME Code Sec.VIII Div.1
+ GOST-R 52630
Approval: ASME U + EAC

Year of production: 2017



Operating pressure : 3 bar
Fluid: Glycolated water
Connections: DN15, DN20, DN40, DN50, DN600
Material: ASME Code Sec.II; Carbon steel



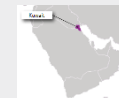
Reference project:

PRESSURE VESSEL FOR DESICCANT DRYER

Quantity: 2 pcs
Project: Refinery of Mina Abdulla
End client: Kuwait National Petroleum Company (KNPC)

Design Code: ASME VIII, div. 1, U-stamp
ASME V
ASCE 7-10

Year of production: 2016



Installation: outdoor, onshore
(coastal atmosphere)
continuous
Operation: -3°C / 50°C
Ambient temp.: 85°C
Relative humidity: 17% / 100%
Design pressure: 10.3 barg
Equipment design life: 25 years



Reference project:

TANK FOR TURBO WASHING UNIT

Quantity: 4 pcs
Project: YAMAL LNG Plant
End client: Yamgaz SNC

Design Code: ASME Code Sec.VIII Div.1;
GOST-R 52630
Approval: ASME U + EAC

Year of production: 2017



Operating pressure : 7 bar
Temp. operating range: -50°C to +100°C
Connections: DN25, DN40, DN50
Material: ASME Code Sec.II;
Stainless steel Grade 304



Reference project:

FILTER FOR FLARE GAS SYSTEM

Quantity: 2 pcs
Project: Kaombo project
End client: TOTAL E&P Angola Block 32

Design Code: ASME Sec.VIII Div.1
Approval: ASME-U; BV Marine

Year of production: 2015



Operating pressure : 3,5 bar / FV
Material: Carbon steel (ASME)

References



Reference project:

STRIPPING COLUMN

Quantity: **2 pcs**
Project: **Nuclear Power Plant**
End client: **NEK KRŠKO**

Design Code: **ASME Sec.VIII Div.1**
Approval: **ASME-U**

Year of production: **2014**



Operating pressure : **10 bar**
Material: **Stainless steel 304 (ASME)**



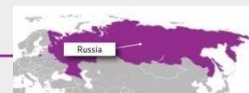
Reference project:

MIXING PIPE

Quantity: **4 pcs**
Project: **YAMAL LNG PLANT**
End client: **Yamgaz SNC**

Design Code: **ASME Code Sec.VIII Div.1;**
GOST-R 52630
Approval: **ASME-U + EAC**

Year of production: **2017**



Operating pressure : **16 bar**
Temp. operating range: **-50°C to +50°C**
Material: **ASME Code Sec.II; Carbon steel**



Reference project:

LUBE OIL SERVICE TANK UNIT 5000 L

Quantity: **2 pcs**
Project: **YAMAL LNG Plant**
End client: **Yamgaz SNC**

Design Code: **ASME Code Sec.VIII Div.1;**
GOST-R 52630
Approval: **EAC**

Year of production: **2017**



Operating pressure : **Hydrostatic**
Capacity: **5000 Litres**
Temp. operating range: **-50°C to +80°C**
Connections: **DN40, DN50, DN80**
Material: **Stainless steel 304 (ASME)**



Reference project:

CONTAINER COMPRESSED AIR SYSTEM

Quantity: **1 pc**
Application: **Paper production**
End client: **VIAPAP VIDEM Krško, Slovenia**

Year of production: **2016**



Operating pressure : **10 bar**
Nominal flow: **6,19 m³/min**
Nominal power: **37 kW**
Output connections: **G2"**



Reference project:

DRAINAGE TANK UNIT

Quantity: **2 pcs**
Project: **YAMAL LNG PLANT**
End client: **Yamgaz SNC**

Design Code: **ASME Code Sec.VIII Div.1;**
GOST-R 52630
Approval: **EAC**

Year of production: **2017**



Operating pressure : **Hydrostatic**
Temp. operating range: **-50°C to +80°C**
Connections: **DN50, DN100, DN150, DN800**
Material: **ASME Code Sec.II; Carbon steel**



Reference project:

CONTAINER COMPRESSED AIR STATION

Quantity: **1 pc**
Application: **Spray cans, canisters and barrels**
End client: **EUROSOL Jesenice, Slovenia**

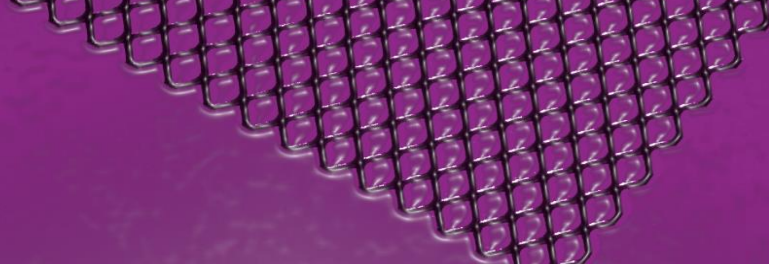
Year of production: **2016**



Operating pressure : **10 bar**
Nominal flow: **4,77-20,71 m³/min**
Output connections: **DN65**

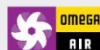


References



Reference project:

COM-DRY 1000 - REFRIGERANT + ADSORPTION DRYER



Quantity: **1 pc**
Application: **Sugar factory**
End client: **n.a.**

Design Code: **PED**
Approval: **CE**

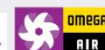
Year of production: **2017**

Operating pressure : **7 bar**
Nominal flow: **1000 Nm³/h**
Temp. operating range: **1,5 to 55°C**
Connections: **G2"**
Pressure dew point: **down to -40°C**



Reference project:

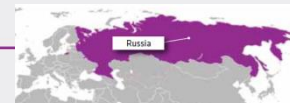
SKID B-DRY 400 + ACA 030



Quantity: **1 pc**
Application: **N₂ drying**
End client: **n.a.**

Year of production: **2018**

Inlet pressure: **5 bar**
Nominal flow: **50 Nm³/h**
Inlet temperature: **85°C**
Connections: **1 1/2"**
Pressure dew point: **down to -70°C**



Reference project:

COM-DRY 1200 SKID - REFRIGERANT + ADSORPTION DRYER

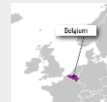


Quantity: **1 pc**
Application: **Custom made dryer for oil-free application**
End client: **n.a.**

Design Code: **PED**
Approval: **CE**

Year of production: **2018**

Operating pressure : **6 bar**
Nominal flow: **1260 Nm³/h**
Temp. operating range: **35°C**
Connections: **G2"**
Pressure dew point: **down to -40°C**



Reference project:

SKID N-GEN 10



Quantity: **1 pc**
Application: **N₂ production - Testing and promotional SKID**
End client: **OMEGA AIR**

Year of production: **2017**

Operating pressure: **7 bar**
Capacity: **10,5 Nm³/h**
Purity: **99%**



Reference project:

SKID F-DRY 2000 + ACA 094



Quantity: **2 pc**
Application: **N₂ drying**
End client: **n.a.**

Year of production: **2018**

Inlet pressure: **5 bar**
Nominal flow: **975 Nm³/h**
Inlet temperature: **45°C**
Connections: **DN 65**
Pressure dew point: **down to -40°C**



Reference project:

CONTAINER COMPRESSED AIR STATION



Quantity: **1 pc**
Application: **Waste treatment**
End client: **CERO Celje, Slovenia**

Year of production: **2016**

Operating pressure : **10 bar**
Nominal flow: **11,22 m³/min**
Output connections: **G2"**



See you...



OMEGA AIR
2022

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