

BLUTEK

COMPANY PROFILE





INDEX

BLUTEK HOLDING

04

History
Company organization
Products divisions
Worldwide sales network

THE MISSION

08

QUALITY

10

Customers and partners

DYNAMIC KNOW-HOW

12

The complete process in our hands
Engineering tools
Flexible approach
Reliability and availability
Worldwide support
Independency

ENGINEERED PRODUCTION

16

Engineered skid packages
Main features

PRODUCTION FOR GENERAL PURPOSE

20

FIELDS OF USE

22

Oil & gas
Shipbuilding
Pharmaceutical
Industry





BLUTEK HOLDING

BLUTEK holds and manages a worldwide group of skilled Business Partners capable to provide technological answers to the worldwide requirement of equipments for instrument air and nitrogen generation.

Based on its management system and dynamic know-how, BLUTEK is capable to design and produce the critical components of compressors. This makes BLUTEK independent and different from all package assemblers.

Every BLUTEK product is the result of Blutek team and partners' passion.

HISTORY

BLUTEK was established in 2002 bringing together the long experience of the founders in the design and production of complete packages and critical components for compressors.

BLUTEK is an ISO9001:2008 certified Company. All the parts are designed, produced and tested following the main International Quality Standards.

During the years BLUTEK has become the worldwide leader in the supply of engineered skids for the Heavy industry, Oil&Gas and Marine sectors.





COMPANY ORGANIZATION

PRODUCTS DIVISIONS

BLUTEK production of equipment for service air, instrument air and nitrogen generation is customer oriented. For a better understanding and satisfaction of customer's requirements, the engineering, marketing, production and service have been divided into two Divisions:

- Engineered equipment, totally customized for the scope of supply
- Equipments for general purpose industry: air compressor packages and accessories



WORLDWIDE SALES NETWORK

BLUTEK is present worldwide through its strong network of Local Offices, Agents, Distributors and Service Centres. With this network BLUTEK is able to support the customer from the feed stage to the after sales.

During the years Blutek products have been installed worldwide in different sectors of application in the Industry, Oil&Gas and Marine sectors.

Actual installation figure shows the below shares:

OFFSHORE

40%

ONSHORE

60%

LEGEND:



OFFICE/FACTORY



AGENT



DISTRIBUTOR
SERVICE







THE MISSION

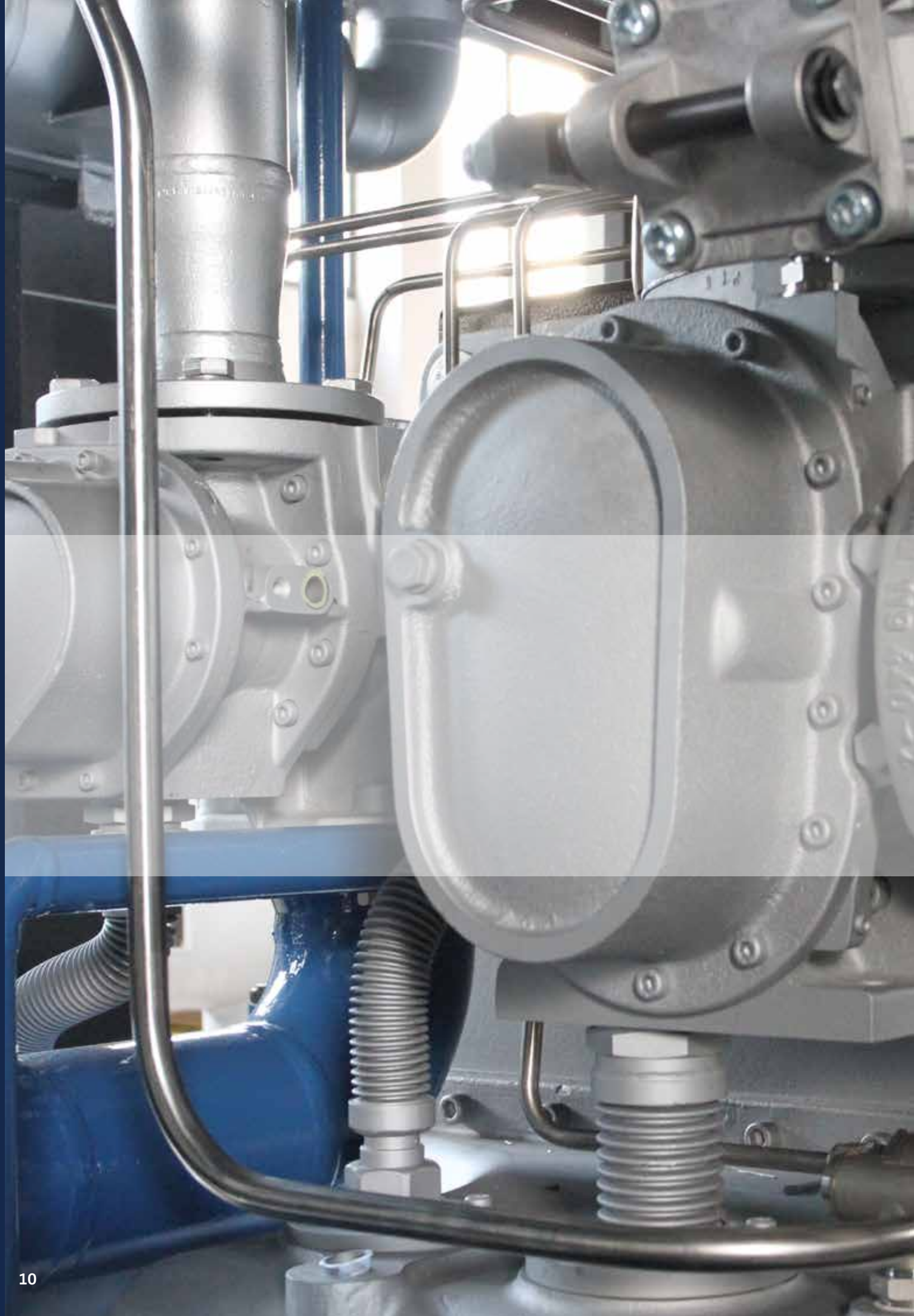
We use our experience to satisfy customer's request considering people and environment.

Based on our Ethic code, we study together with the customer the most suitable solution in the complete respect of the International Safety Standards.

BLUTEK has the goal to be the partner with the capacity to listen and discuss the exact customer's need in order to provide the most suitable equipment.

“Sometimes the customers' request seems impossible to be satisfied but we know that any inquiry comes from a real need. We use our experience, our passion and our dynamic know-how to provide worldwide the most suitable equipment.”

Danilo Viganò
President



QUALITY

BLUTEK is ISO 9001:2008 certified.

BLUTEK Quality Manual defines the production process, from the engineering to the manufacturing of every component, from the assembly to the final test and preparation of customized documentation.



CUSTOMERS AND PARTNERS



Thanks to its flexible approach, BLUTEK is the right partner for any company in need of reliable products, in every range, all over the world.

BLUTEK is at the head of a strong production team with the capability to produce and supply any component, 100% customized and engineered when required.

The production team refer to the Blutek Quality Procedures.



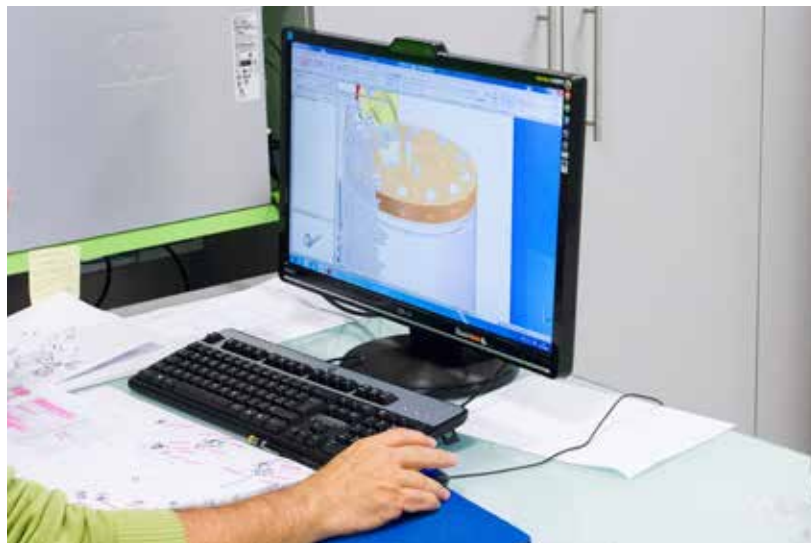
DYNAMIC KNOW HO

DYNAMIC KNOW-HOW

BLUTEK is an important player in the introduction of new ideas in the compressed air and nitrogen generation, from the main components till the complete package. Some of those become milestones and are now part of the actual State of the Art worldwide. As BLUTEK is always looking for new technical solutions, the acquired know-how is in continuous evolution, that's why 'Dynamic know-how' describes the passion in giving to customer the best product ever.

THE COMPLETE PROCESS IN OUR HANDS

From the identification of the customer's need to the study of the complete plan, from the designing and production of the key components to the assembly of the units, from the tests and the preparation of the customized engineered documentation: the complete process is in our hands.



ENGINEERING TOOLS

All equipments realized by BLUTEK are designed using the most innovative 3D CAD solid modellation software and all the tools for the stress calculation such as CFD simulator and FEM software. As integration to the research and development, BLUTEK cooperates with important Laboratories and Universities.

DYNAMIC KNOW-HOW

1. FLEXIBLE APPROACH

When the products for the general purpose don't satisfy the customer's requests, BLUTEK designs and produces the complete package and all critical components suitable for the scope of supply.

Furthermore BLUTEK is flexible on the changes during the execution of the project. This also includes engineered document supply as required for the project.

2. RELIABILITY AND AVAILABILITY

Every BLUTEK product is designed and manufactured following the highest standards in terms of Safety and Technology. Since compressed air packages are a critical equipment, BLUTEK uses its long experience to achieve the highest reliability and availability.

100% of production is tested following Norm ISO1217 and certified by any third Party inspection.



3. WORLDWIDE SUPPORT

BLUTEK offers a satisfying support through its network worldwide. Thanks to a flexible organization, BLUTEK is able to provide a quick and accurate support during feed stage, bidding stage, after sales service, commissioning and replacement. This includes our worldwide spare parts supply.

4. INDEPENDENCY

BLUTEK is a passion-animated and independent private owned Company having no restrictions in the selection of the parts for the equipments, choosing the most suitable available in the market or suggested by the customers. When not available, BLUTEK is proud to be capable to design and manufacture the proper part.

ADVICE



ASSISTANCE





ENGINEERED PRODUCTION

BLUTEK designs and produces totally engineered turnkey skid packages that include compressors, dryers and nitrogen generators for the oil&gas industry worldwide.

The engineered skids satisfy the severe industrial and oil&gas requirements.



ENGINEERED SKID PACKAGES MAY INCLUDE:

- Compressors: screw/reciprocating - lubricated/oil-free dry – water/air cooled – fixed/variable speed, with electric LV-MV motor/diesel engine
- Dryers: Adsorption, heatless/heated/HOC / membrane / refrigerated
- Nitrogen generators: membrane / PSA
- Air receivers
- Dedicated lifting equipment

SUITABLE FOR:

- Explosion proof environment
- Extreme high and/or low ambient temperatures
- Onshore/Offshore

MAIN FEATURES:

- critical components designed for the application
- proper material selection
- dedicated inspection plan for each and every project
- detailed manufacturing recording book (MRB)
- single/common skid design
- certification of any component
- skids designed and manufactured in compliance with main International and Local Standards, i.e.:
 - API 619
 - ISO 10440-1
 - ISO 10440-2
 - ATEX
 - API R14
 - EN 60034
 - ASME VIII DIV. 1 AND U STAMP
 - PED

RECIPROCATING COMPRESSORS

Engineered skid with reciprocating compression head, lubricated or oil-free, complete with pulsation dumpers designed as per ASME Code, intercooler-aftercooler, moisture separator with automatic/manual drain system.

Range: 37 - 355 kW

Pressure: 5 – 40 barg



OIL INJECTED ROTARY SCREW COMPRESSORS

Engineered skid with oil injected rotary screw compressor complete with local control panel for single/multi units management, PLC, HMI, oil circuit process instrumentation with SS tubing and isolating valve.

Range: 4 – 400 kW

Pressure: 4 – 16 barg

Speed: fixed / variable



OIL FREE DRY SCREW COMPRESSORS

Engineered skid with oil free dry rotary screw compressor complete with local control panel for single/multi units management, PLC, HMI, oil circuit process instrumentation with SS tubing and isolating valve.

Range: 37 – 355 kW

Direct Driven

Speed: fixed / variable



ENGINEERED COMPRESSORS FOR ONSHORE INSTALLATIONS

Tailor made compressors for heavy duty onshore applications, designed for the worst environment conditions such as desert or arctic areas. The design includes high quality material for piping, coolers, instrumentation, intake filters, silencers and proper coating and painting systems.

Range : 22 – 500 kW

Pressure range : 4 - 16 barg

Type: rotary screw lubricated/oil-free dry



ENGINEERED COMPRESSORS FOR OFFSHORE INSTALLATIONS

Tailor made compressors for heavy duty offshore applications, designed for the worst environment conditions. The design includes high quality material for piping, coolers, instrumentation, intake filters, silencers and proper coating and painting systems. Particular attention is paid to the safety and serviceability of the equipment.

Range : 22 – 500 kW

Pressure range : 4 - 16 barg

Type: rotary screw lubricated/oil-free dry



BLACK START INSTRUMENT COMPRESSORS

Tailor made black start compressors with diesel engine. Compressors are designed for the purpose.

Range : 22 – 500 kW

Pressure range : 4 - 16 barg

Type: rotary screw lubricated/oil-free dry



INSTRUMENT AIR SKIDS

Skid mounted instrument air station with compressors, dryers and filtration system manufactured in compliance with the main International Standards suitable for the application in the worst environment conditions, onshore and offshore.

Layout: skid with baseframe and 4 points for lifting, containerized execution with air conditioning system or winterization.



NITROGEN GENERATION SKIDS

Skid mounted nitrogen generation station with compressors, dryers, filtration system and N₂ generator manufactured in compliance with the main International Standards suitable for the application in the worst environment conditions, onshore and offshore.

Layout: skid with baseframe and 4 points for lifting, containerized execution with air conditioning system or winterization, assembled on truck for mobile application.

N₂ flow capacity : 10 - 3.000 m³/min

N₂ Purity : 95 – 99.9 %



PRODUCTION FOR GENERAL PURPOSE



BLUTEK products have been designed for the generation of compressed air for general purpose industry following the highest quality standards.



OIL INJECTED COMPRESSORS

DK

Oil injected rotary screw compressors
belt drive

Power 4-37 kW Pressure 7-13 barg



DKD

Oil injected rotary screw compressors
direct drive

Power 45-355 kW Pressure 7-13 barg



OIL FREE COMPRESSORS

AL

Oil Free

Oil free dry rotary scroll compressors
belt drive

Power 2.2-37 kW Pressure 1-10 barg



BOF

Oil Free

Oil free dry rotary screw compressors,
two stage direct drive

Power 37-355 kW Pressure 4-11 barg



ENERGY SAVING COMPRESSORS

DKV

Oil injected rotary screw compressors
with built-in variable speed drive

Power 4-355 kW Pressure 7-13 barg



DX

Compressor with built in modular
power system

Power 45-160kW Pressure 7-13 barg



ACCESSORIES

DRY

Refrigerated dryers, absorption dryers,
heatless dryers.



BKF

Line filters, pressure gauges,
condensate drain.



FIELDS OF USE

OIL & GAS

Complete engineered skids designed for the Oil&Gas plants, onshore and offshore.

SHIPBUILDING

BLUTEK produces Black-start compressors required by the Marine sector.



PHARMACEUTICAL

BLUTEK oil-free compressors guarantee the quality of the compressed air equal to class 0 as per Norm ISO 8573 suitable for pharmaceutical and food industry.

INDUSTRY

BLUTEK has the suitable product for any industry in the world offering a wide range of capacities and pressures.



Head Quarter

BLUTEK s. r. l.

via Sforzatica, 31 24040 Lallio BG Italia
tel. +39 035 4540135 fax. +39 035 4541763
mail: info@blutek.eu
www.blutekcompressors.com

Registered Office

BLUTEK s. r. l.

via Trento, 10 24040 Stezzano BG Italia