

The background of the page is a light grey color. Overlaid on this is a large, abstract geometric pattern composed of numerous grey triangles of various sizes and shades, creating a 3D effect. In the bottom right corner, there is a yellow trapezoidal shape pointing to the right, and a dark blue horizontal bar below it.

COMPANY PROFILE

Lubrication

Service Air

INSTRUMENT AIR

Nitrogen Generation

Engineered skids for OIL & GAS

Service Air

Lubrication

s for OIL & GAS

OIL-FREE AIR

Instrument Air

Dryers

Engineered skids for OIL & GAS

Instrume

NITROGEN GENERATION

Engineered skids for OIL & GAS

Instrument Air

Nitrogen Generation

ENGINEERED SKIDS FOR OIL & GAS

Nitrogen Generation

Instrument Air

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THE COMPANY

BLUTEK is an independent ISO certified Company specialized in the design and production of totally engineered turnkey packages for service air, instrument air, biogas/natural gas and nitrogen generation, offshore and onshore, for any application and environment.

Thanks to the consolidated experience and to the flexible approach, BLUTEK is capable to understand the real need of every customer in the world and to design and deliver the most suitable package within the budget.

BLUTEK is now one the major players in the world in the compressed air and nitrogen generation.

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.

The technical background, the innovative approach and the continuous research of the latest technologies allow BLUTEK to offer always up-to-date, reliable and competitive products, with the highest level of personalization in compliance with any required Standard.

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

BLUTEK is now one of the few Companies in the world able to provide the proper product for any special application and environment.

BLUTEK is not a packager: BLUTEK is able to develop and produce internally all the main components of instrument air and nitrogen generation packages.

BLUTEK REVOLUTION IN THE OIL&GAS

Before BLUTEK, in the Oil&Gas sector there were simple industrial compressors and dryers with some minor modifications to fit the application, but results were: low performance and short life.

BLUTEK brought its innovative approach to this sector by designing totally tailor-made packages engineered exactly for the scope, in compliance with the customers' requests.

During the years, BLUTEK has obtained important qualifications and supplied innovative solutions to Oil&Gas and marine industries worldwide. Because of its recognized experience and knowledge, many EPC's involve BLUTEK from the feed stage to understand the requirements of any new project.

THE MISSION

We use our experience to satisfy customer's request considering people and environment all over the world.

Based on our Ethic code, we study together with the customer the most suitable solution in compliance with the highest International Safety and Quality Standards.

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

"Sometimes the customers' requests seem 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 at the reasonable price. And we are proud to say that most of the times Blutek products overcome customer's expectations"

Danilo Viganò
President

SALES AND SERVICE NETWORK

Based in Italy, BLUTEK has a worldwide network of local offices, agents, distributors and service centers, that support customers from the feed stage till the commissioning and after-sales service.



LEGEND:



OFFICE/FACTORY



AGENT



DISTRIBUTOR
SERVICE

WORLDWIDE PRESENCE

Blutek products are installed worldwide in the Industry, Oil&Gas and Marine sectors worldwide.

For the particular severe conditions of the Oil&Gas (such as for offshore and desert areas) Blutek has studied special technical solutions that have been recognized as State-of-the-art by the main contractors, EPC's and final customers.

The actual installation figure shows the below score:

OFFSHORE

60%

ONSHORE

40%



QUALITY

BLUTEK is an ISO 9001:2015 certified Company with the highest commitments in terms of Health, Safety and preservation of the Environment.

Every relevant activity, internal or external, is regulated by the Quality Manual and by dedicated project ITP.



The quality procedures are defined for every step and include the preparation of the commercial offers, the engineering phase, the production phase till the delivery and the preparation of the technical documentation.

100% of the production is tested following Norm ISO1217 and performance are certified by third Party when required.



DYNAMIC KNOW HO

DYNAMIC KNOW-HOW

BLUTEK is an important player in the introduction of new ideas in the compressed air and nitrogen generation, for the main components and the complete package. During the years, some of those have 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 knowledge is in continuous evolution, that's why 'Dynamic know-how' defines the Blutek team passion in giving to customer the best product ever.

Most of the times Blutek products overcome the customers' expectations.

THE COMPLETE PROCESS IN OUR HANDS

Blutek follows the complete process, from the identification of the customer's need till the commissioning and after-sales service.

BLUTEK is proud to offer to any customer the best solution, designing and producing even the critical components when not available in the market. **This makes BLUTEK independent and different from all the simple package assemblers present in the market.**



COMPUTERIZED MANAGEMENT SYSTEM AND ENGINEERING TOOLS

BLUTEK makes continuous investments for improving software and computerized systems.

All the last-generation workstations and devices are connected to the centralized company network accessible from every part of the world by strict personal permits.

Data is protected and stored with 2 levels of backup.

All products are designed using the last generation 3D CAD solid modelling software and all the tools for the stress calculation such as CFD simulator and FEM software. For some innovative projects, Blutek R&D department cooperates with important Laboratories and Universities.



ENGINEERED PACKAGES

BLUTEK is specialized in the design and production of engineered turnkey packages for service air, instrument air, biogas/natural gas and nitrogen generation, offshore and onshore, for any application and environment.

BLUTEK creates and assembles tailor-made skid units also for adverse environments such as offshore, explosion-proof and desert areas.

ENGINEERED PACKAGES MAY INCLUDE:

- Compressors (screw or reciprocating, lubricated or oil-free, water or air-cooled, fixed or variable speed, with electric LV-MV motor or diesel engine)
- Dryers: adsorption, heatless / heated, heat of compression (HOC), membrane and refrigerated
- Membrane / pressure swing adsorption (PSA) nitrogen generators
- Air receivers
- Specialised lifting frames
- Containerised execution with air-conditioning system or winterization
- Assembly on-board a truck for mobile application

SUITABLE FOR:

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

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

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.

Available with diesel engine as black start compressor.

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.

Available with diesel engine as black start compressor.

Range : 22 – 500 kW
Pressure range : 4 - 16 barg
Type: rotary screw lubricated/oil-free dry



ROTARY COMPRESSORS FOR BIOGAS AND NATURAL GAS

Tailor made compressors available in different configurations to reach the highest efficiency in terms of separation: with pre-cooler for high water content or with close loop water cooling system.

Range: 110 – 315kW

Pressure: max 16,5 barg

Type: rotary screw lubricated



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.



INSTRUMENT AIR DRYER

Skid mounted instrument air dryers, heatless or heated. Designed in compliance with the main International Standards, dryers can run in the worst environment conditions, onshore and offshore.

Layout: skid with 4 points for lifting.



NITROGEN GENERATOR 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 %



BLUTEK ADVANTAGES

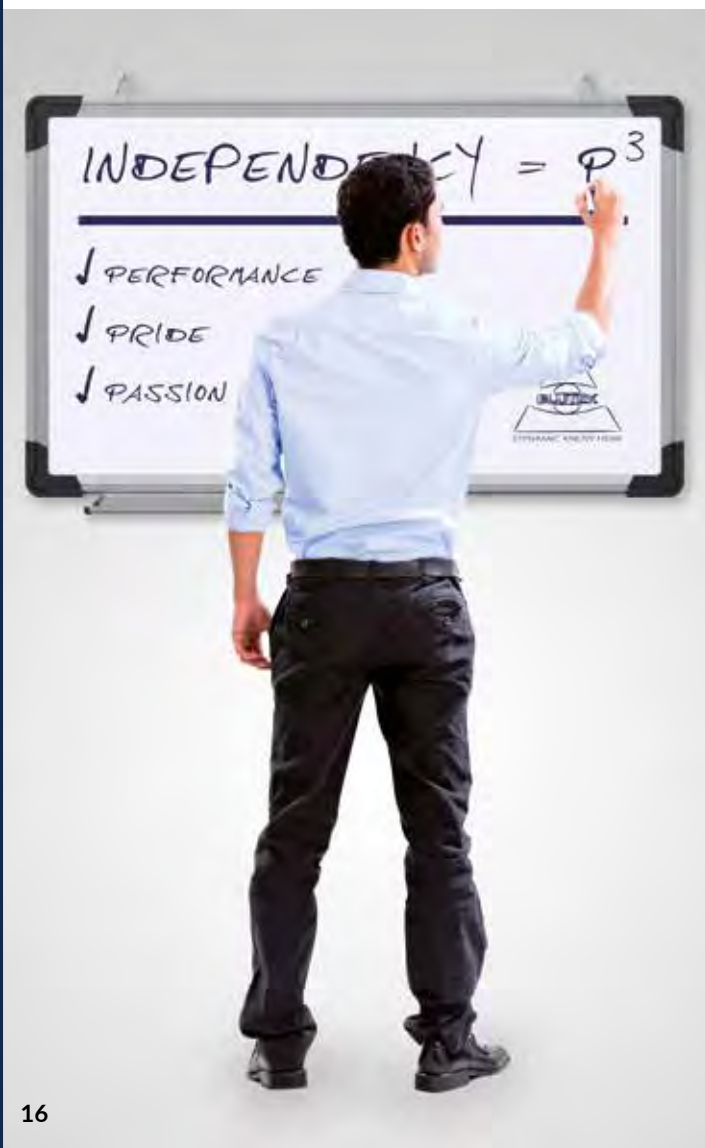
1. INDEPENDENCY

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.

2. RELIABILITY

Every Blutek product is designed and manufactured following the highest Standards in terms of Quality, Safety and Technology.

To assure the highest level of reliability, 100% of the products are tested following Norm ISO1217 and performance are certified by third Party Inspector when required.



3. WORLDWIDE SUPPORT

BLUTEK offers a satisfying support through its network worldwide. Thanks to a flexible organization, Blutek can provide a quick and accurate support during feed stage, bidding stage, commissioning, after sales service and replacements.

4. FLEXIBLE APPROACH

The recognized BLUTEK strength is the flexible approach during the feed and engineering phases.

In BLUTEK, the long experience is combined with the highest technical know-how and a flexible approach. The results are products that meet any customer's request by using the newest technologies at the most competitive price.

BLUTEK is flexible also in the changes during the execution of the project and in the preparation of the engineered documentation.

ADVICE



ASSISTANCE



APPROVED BY:



Lubrication

Service Air

INSTRUMENT AIR

Nitrogen Generation

Engineered skids for OIL & GAS

Service Air

Dryers

skids for OIL & GAS

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Instrument

NITROGEN GENERATION

Engineered skids for OIL & GAS

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ENGINEERED SKIDS FOR OIL & GAS

Nitrogen Generation

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