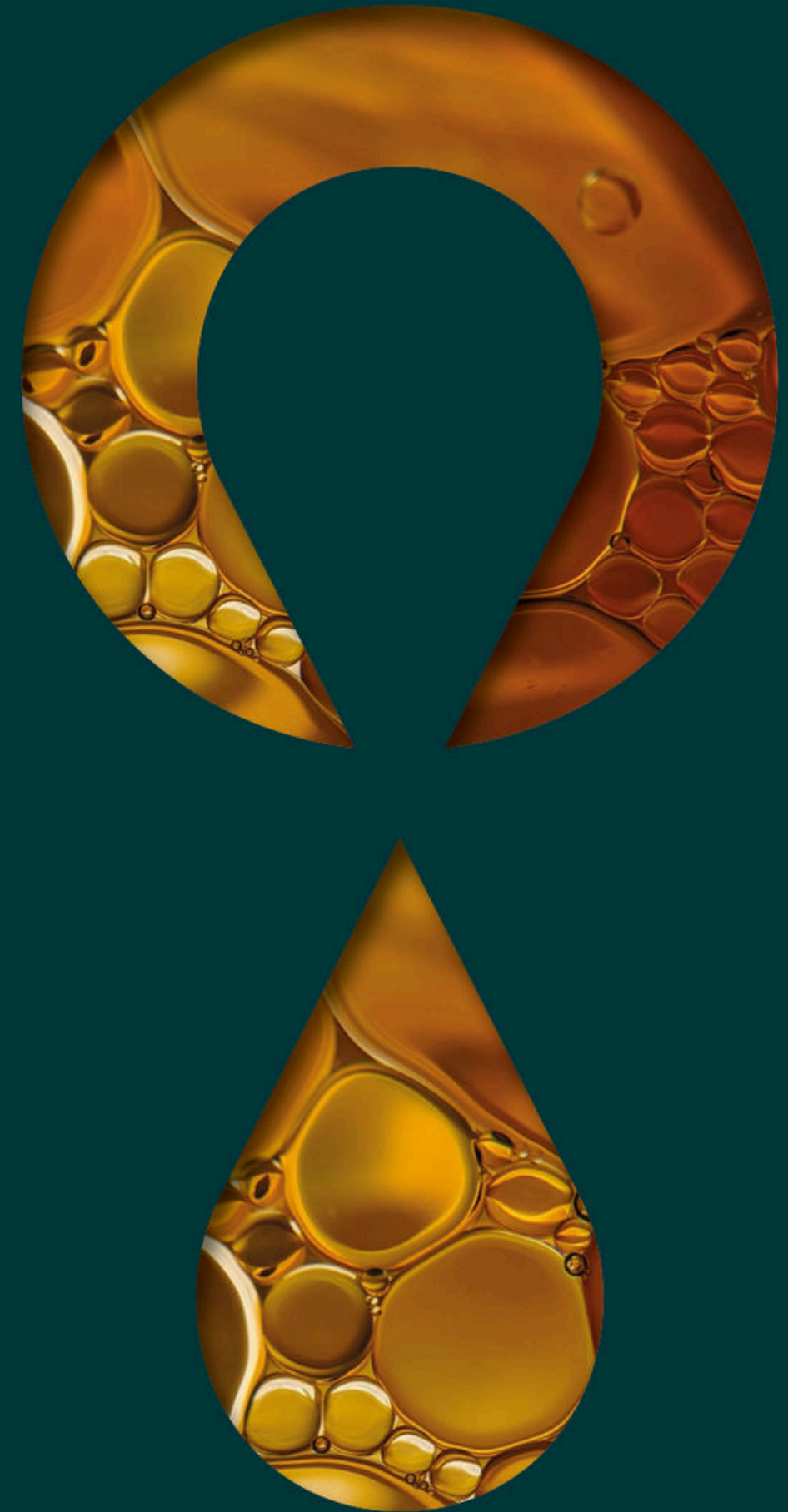


The
comprehensive solution
partner for fluids &
lubrication



A view from the top

We provide tailored engineering solutions for transporting, controlling and handling of different fluids.

We specialize in the design, manufacturing and commissioning of lubrication systems for heavy industry.

Family-owned
company
established in
1967

Headquarters
and main factory
located in
Saragossa, Spain

54 employees
in Spain

Broad worldwide
commercial
network +
Engineering office
in the USA

Our history

50 years growing and innovating

1967

Nortek is established as a company for distribution of small grease lubrication systems.

1971

First oil circulation system

1976

- Nortek becomes a corporation
- After several expansions of the shop in Saragossa, manufacturing is moved to a new location in Utebo

1978-1980

- The company becomes international:**
- First commercial representation overseas (Mexico)
 - First export order to Sweden for Morgårdshammar

1983-1984

- Our product catalogue is expanded:**
- First API lubrication system
 - First magnetic separator is designed

1995-1999

- Nortek gets ahead within the steel industry:**
- Cooperation framework with Morgan Const. Co.
 - First emulsion system for steel plants
 - First vacuum dehydration system

Our history

50 years growing and innovating

2003

- First patent developed along with Morgan Const. Co. (Siemens)
- Commercial agreements for representation in China and India

2005

A significant investment in technology and real estate allows Nortek to move to its new and current location in Pinseque

2006-2008

Market diversification:

- First coolant system for aluminum mills
- First integrated lubrication project for the oil & gas industry (REPSOL Cartagena)

2010-2011

Expansion in the Americas:

- Commercial agreements for representations in South and Central America
- USNortek (commercial, consulting and engineering office) opens in the USA

2013

- ISO 9001 Certification for management system is acquired
- Commercial office opens in Italy

2016-2017

- Grand opening of the second expansion of our plant (particle blasting and painting cabins, exclusive stainless steel assembly area)
- 50th Anniversary celebrations

100% Engineers and Manufacturers

We are engineers

A team of experienced engineers develops efficient solutions at competitive prices and tailored to customer requirements.

We are manufacturers

We love to intimately know our products, thus having the freedom to provide tailored solutions and controlling the quality of our materials and procedures to the maximum extent.

Engineering

Technical office
R+D+i
Distribution
Network
Mounting
Start up



Production

Strategic planning
ORP
Machining
Boilermaking
Blasting and painting
Electrical workshop



Logistics

Distribution
Commercial network



Quality

Test equipment
Customer Support

Our manufacturing facility includes:

- ✓ Two large areas of machining and welding&cutting.
- ✓ One independent bay dedicated only to stainless steel manipulation and assembly.
- ✓ One precision assembly area and filter manufacturing.
- ✓ One certified welding area (ISO 3834-3).
- ✓ One bay for the design and programming of electrical panels.
- ✓ Two enclosed cabins for particle blasting and painting.
- ✓ Testing, quality control and traceability areas.



Principles and values

TAILORED DESIGN

50 years of research and excellence

We provide consulting services and personalized solutions for high-complexity projects related to fluids technology. All backed by our experience in innovation and 50 years of service to the most demanding industries.

FLEXIBILITY AND MULTITASKING

We know the process very well

The several different projects developed over the years by our engineering department and the extraordinary multi-ability of our shop allow us to have an extensive know-how of all processes involved in the design and manufacturing of our equipment.

GLOBAL PRESENCE

We are prepared for a competitive world

With approximately 80% of our production made for overseas markets and references in all continents, our engineers and technicians have developed a powerful know-how of the different regions' requirements.

QUALITY LEADS EVERYTHING

Reliability & durability at a good value

We have quality certifications for our management (ISO 9001) and welding (ISO 3834-3) processes. Our engineers design based on ASME, AD-Merkblatt or API 614 standards, depending on the customer's specific requirements.

FULL SERVICE AND SOLUTIONS

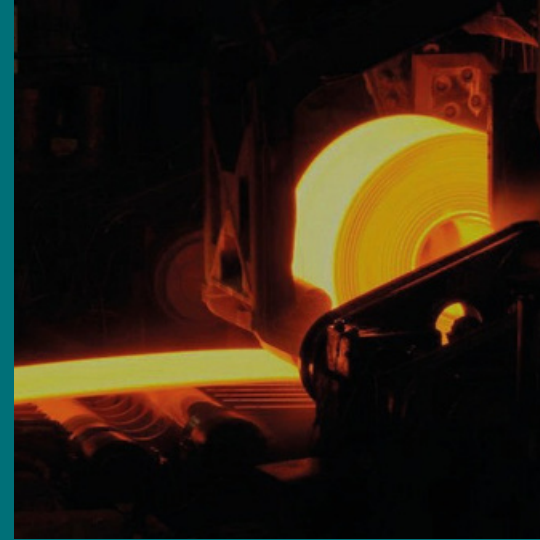
On your side before and after

Right from the initial specification up to the last spare part, we commit to full and complete customer service and satisfaction. This includes specialized installation, commissioning, maintenance and customer training services.

We are experts
in working with
fluids for...



Iron and
steel



Oil & Gas
industry



Cement
industry



Mining and
mineral
parks



Paper
industry



Paper
industry



Power
generation
plants



Naval
industry

Saragossa: a strategic location in Europe

- ✓ **Important logistic center**
(Saragossa has the most extensive logistics platform in Europe)
- ✓ **High-speed train hub (AVE)**
with departures to Madrid, Barcelona, Seville, Malaga, Marseille and Paris
- ✓ **1 hour 20 minutes to Madrid and Barcelona via AVE**
- ✓ **Direct flights to Brussels, Bucharest, London, Malaga, Milan and other destinations**



World-class customers



Certifications and recognitions

ISO 9001 Certification
(Management System)



ISO 3834-3 Certification
(Welding Procedures)



Zaragoza Chamber of Commerce Export Prizes

- Secondary Award 2004
- First Prize 2008

How we are organized

Engineering Area

Commercial Service

Technical Bureau

R&D

Distribution network

Erection and commissioning

Documentation

Strategic Planification Area

Manufacturing area

OSH

Quality

Machining shop

Welding & Cutting Shop

Precision Machining Shop



Welding&Cutting Shop



Particle blasting and painting cabins



Machining Shop



Precision Machining Shop

Products&Solutions Catalogue



Centralized greasing systems



Oil circulation systems



API Systems



Air- oil systems



Roll coolant systems



Hydraulic systems



Pumps



Filtration



Oil dehydrators



Special equipments

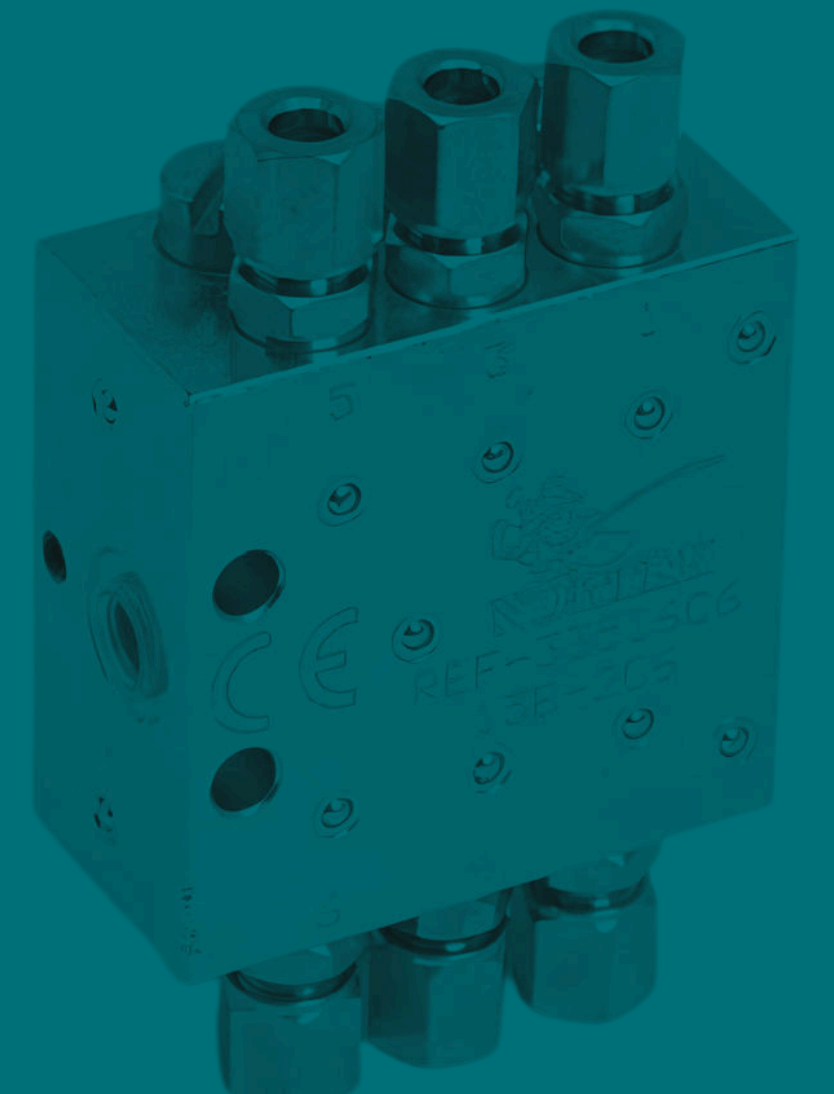


Centralized
greasing
systems

We provide single, double, and progressive greasing systems, configurable for client needs.

We handle the complete design, manufacturing, and installation of the system, guaranteeing optimized operations, reduced downtime, and minimized operating costs associated with corrective maintenance and premature equipment failures.

- ✓ Operational Efficiency
- ✓ Cost Reduction
- ✓ Customized Solutions
- ✓ Reliability in Demanding Conditions



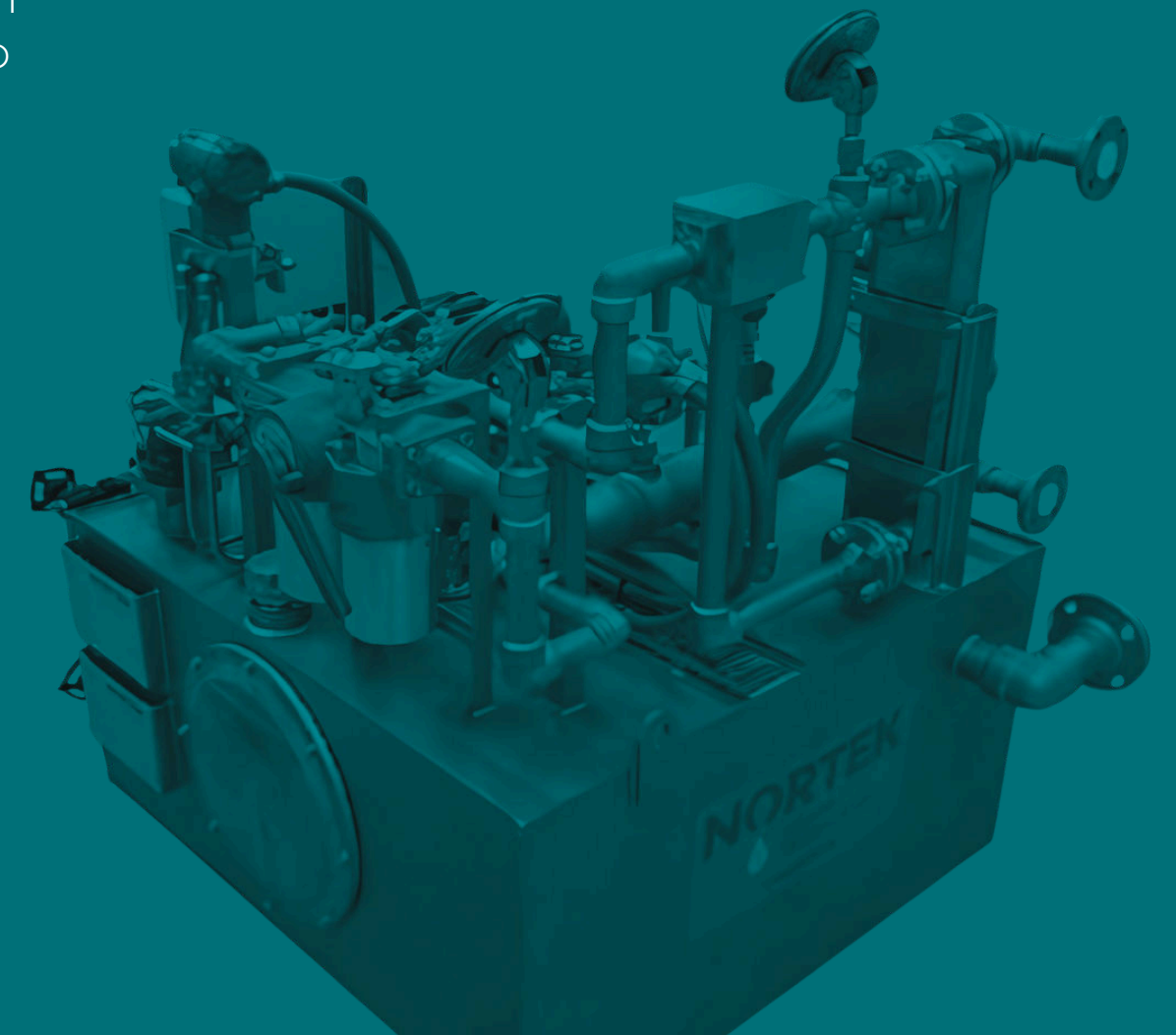


Oil circulation
systems

We create custom lubrication solutions for bearings, gears, and rolling mills, including high-speed systems.

Oil circulation systems offer a reliable and automated solution for continuous lubrication and cooling in industrial applications.

We specialize in providing oil circulation solutions for high-speed systems. With over 50 years of expertise in this field, we learned how to tailor our best solutions to meet your specific needs. We also cover various industries (such as iron&steel, oil&gas and power generation) and applications, including gear boxes, rolling mills, and Morgoils.



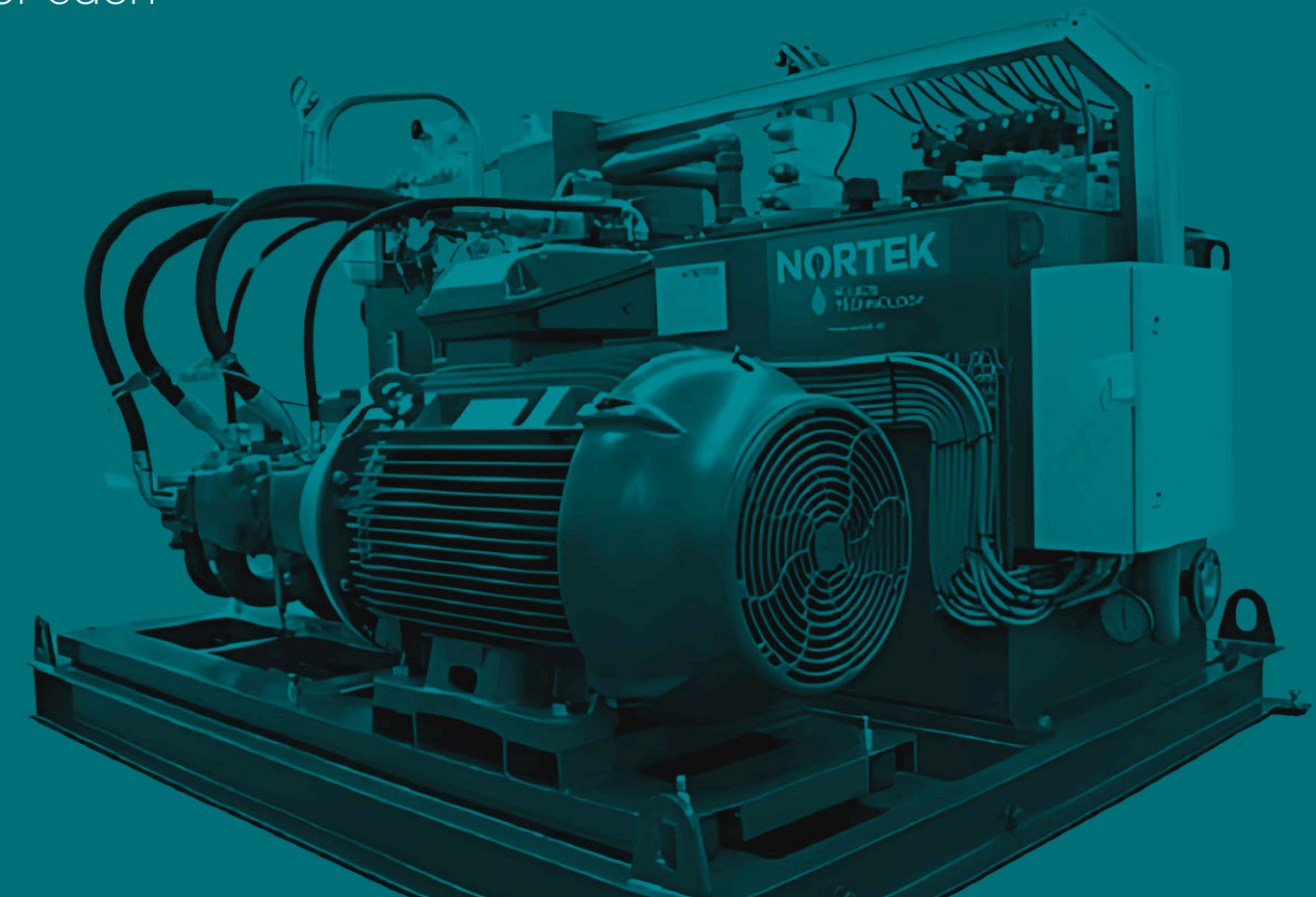


Hydraulic
systems

Custom design and production of hydraulic solutions for industrial markets.

Our solutions are adaptable to applications requiring precise force, speed, and pressure control, ensuring seamless integration into existing operations.

Our hydraulic systems are designed and manufactured to meet the diverse needs of industrial applications. We provide tailored hydraulic equipment that ensures optimal performance, efficiency, and reliability for each customer's specific requirements.



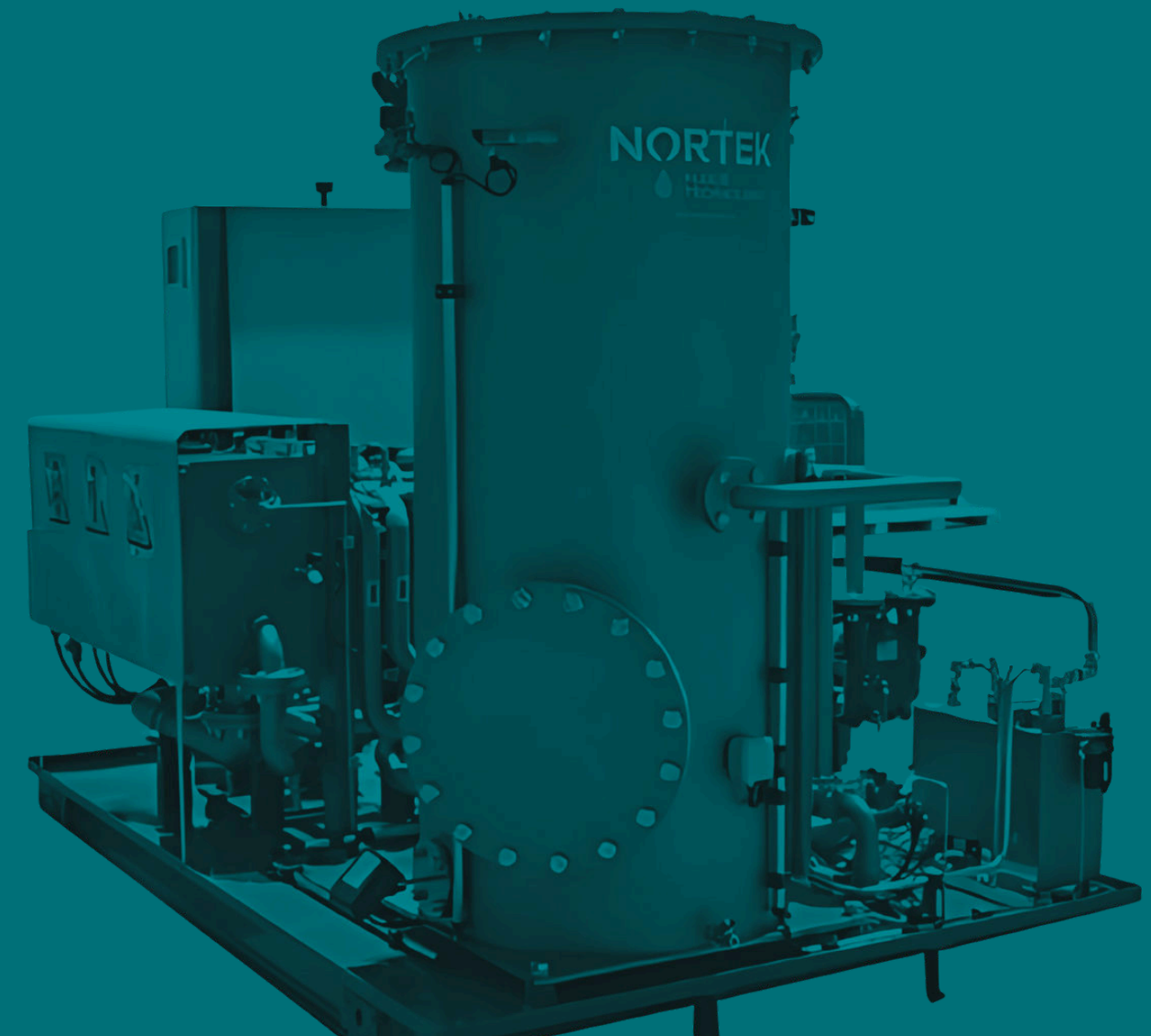


Oil dehydrators

Our patented systems remove free, emulsified, and dissolved water from lubricants.

These systems use advanced vacuum technology to extract water from the oil, preserving its quality and protecting your equipment from damage caused by moisture.

- ✓ Industry 4.0 and IoT
- ✓ Enabling seamless integration
- ✓ Real-time process optimization
- ✓ Smarter predictive maintenance strategies





Air- oil systems

Our oil spray systems lubricate bearings, mill chocks, and roller guides.

Air-oil systems provide precise and continuous lubrication by delivering small, controlled quantities of oil carried by a stream of air directly to the bearings. This method offers several key advantages:

- ✓ Reduced Lubricant Consumption
- ✓ Cooling Effect
- ✓ Waste Management Efficiency
- ✓ Less Maintenance and more safety





Roll coolant
systems

Special cooling systems for hot and cold rolling mills in steel, aluminum, and copper.

These systems rely on a precise mixture of water and oil to ensure efficient lubrication and temperature control during the rolling process.

By providing effective lubrication and filtration, Nortek's roll coolant systems support the smooth operation of your non-ferrous rolling mills, enhancing productivity and extending the lifespan of critical components.



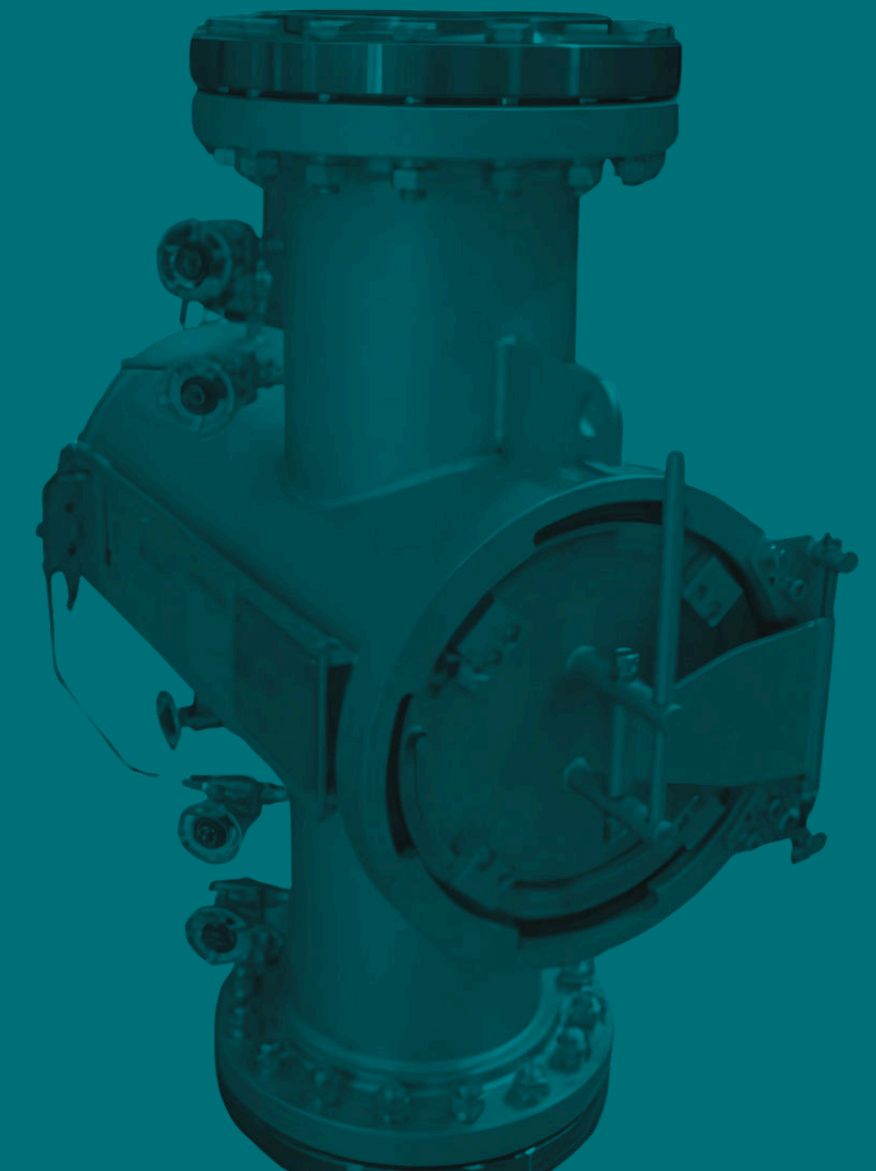


Filtration

Suppliers of high-quality filters for all fluids and configurations

Contaminants in oil, such as solid particles and ferrous debris, can accelerate wear, cause damage to components, and lead to costly downtime. Our filtration systems ensure that lubricants remain clean and effective, protecting your equipment and optimizing operational efficiency.

- ✓ Single Filters
- ✓ Double Filters
- ✓ Portable Filters
- ✓ Strainers
- ✓ Return-Line Filters
- ✓ Magnetic separators



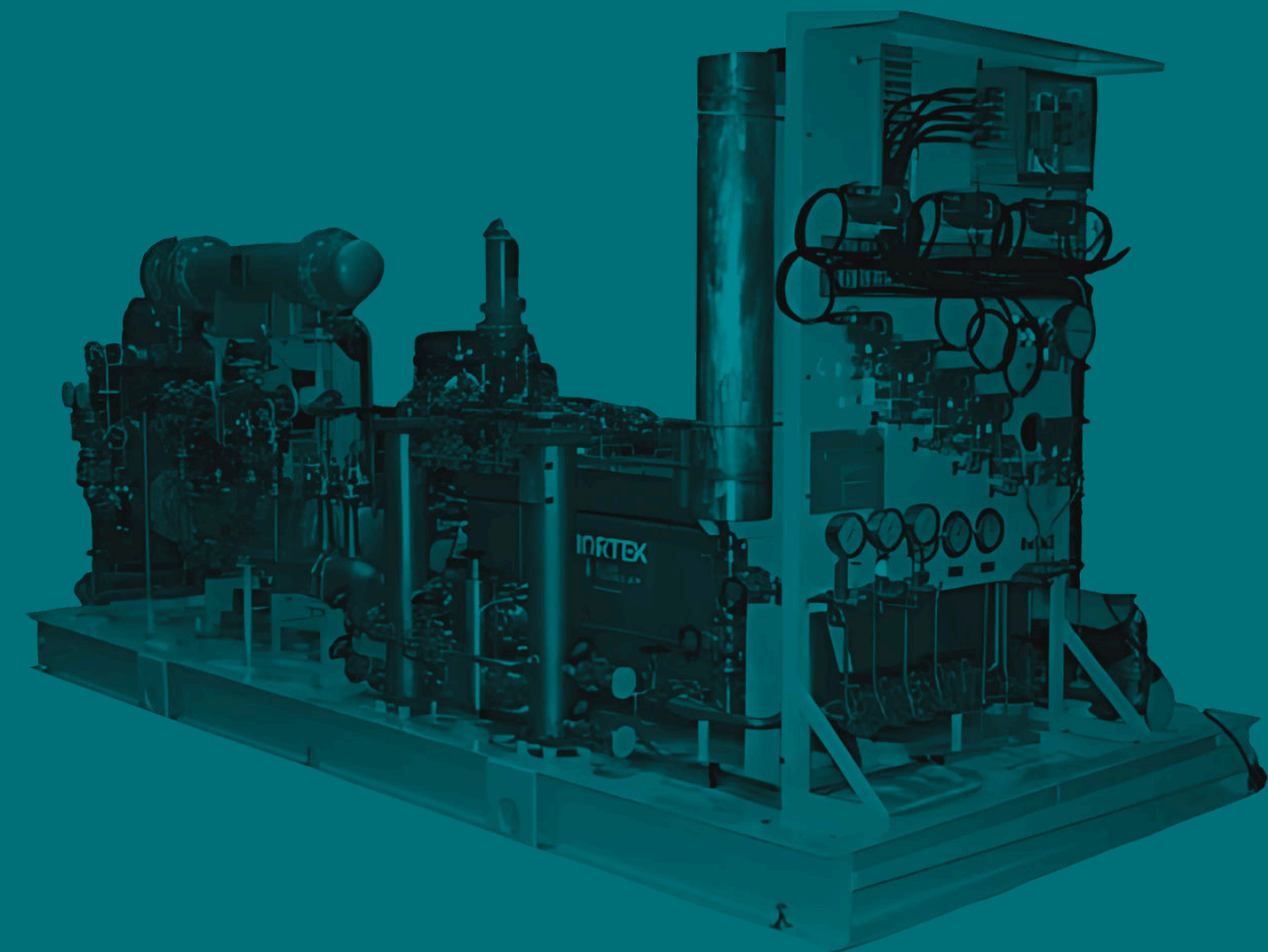


API Systems

Lubrication systems and seals for the petrochemical market, meeting the highest standards.

We design and manufacture lubrication and sealing systems for the petrochemical industry, meeting API standards and offering ATEX certified solutions for reliable, safe, and high-performance operations in demanding environments.

Our lubrication systems comply with API 614 standards, ensuring optimal operation and protection of critical rotating equipment. These systems are designed for high-performance applications where precision, durability, and safety are mandatory.



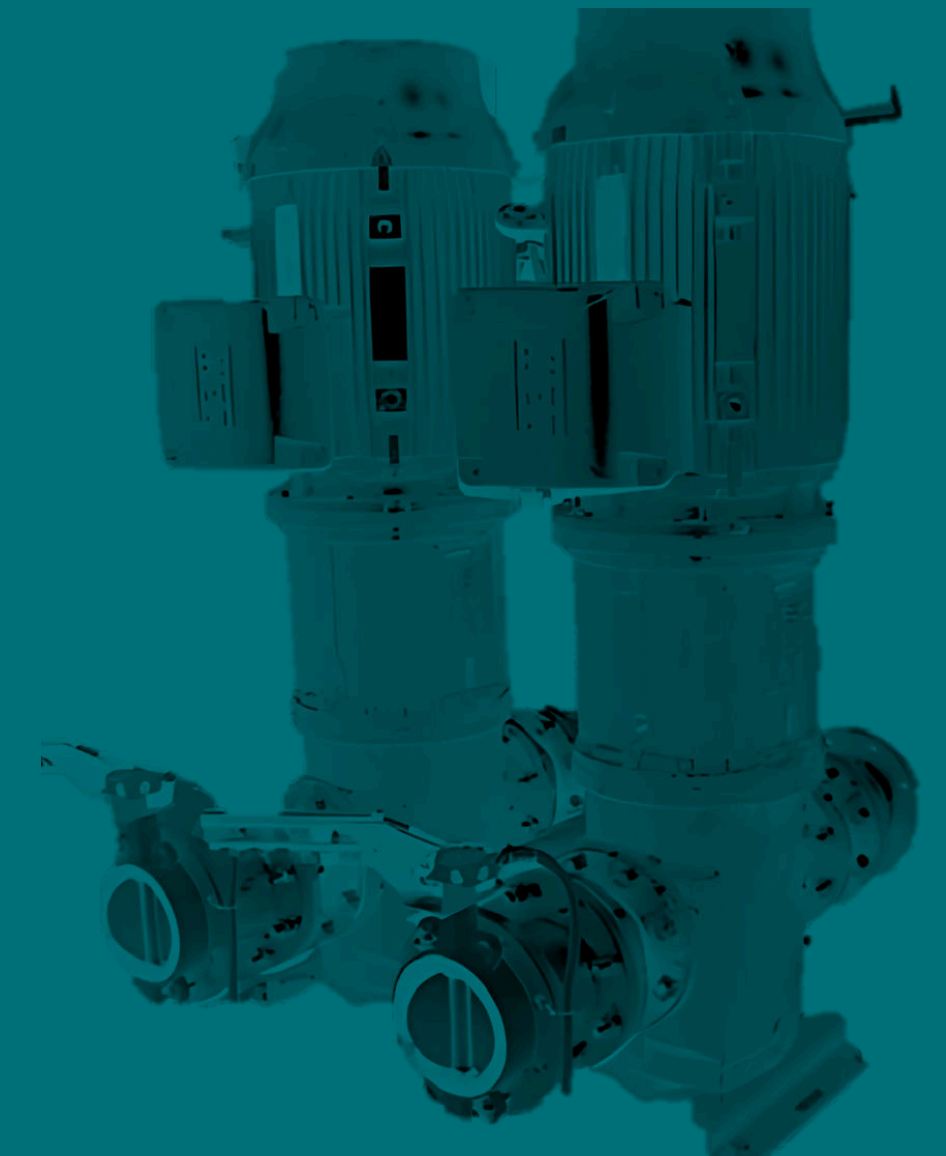


Pumps

A complete range of pumps, including screw pumps, centrifugal pumps, piston pumps and ring pumps.

Our industrial lubrication pumps are designed to meet the most demanding needs of our customers, ensuring optimal performance and a long service life for equipment. In this category, we will explore the features and advantages of our industrial lubrication pumps.

- ✓ Screw pumps
- ✓ Spindle pumps
- ✓ For centralized lubrication
- ✓ Rotary pumps

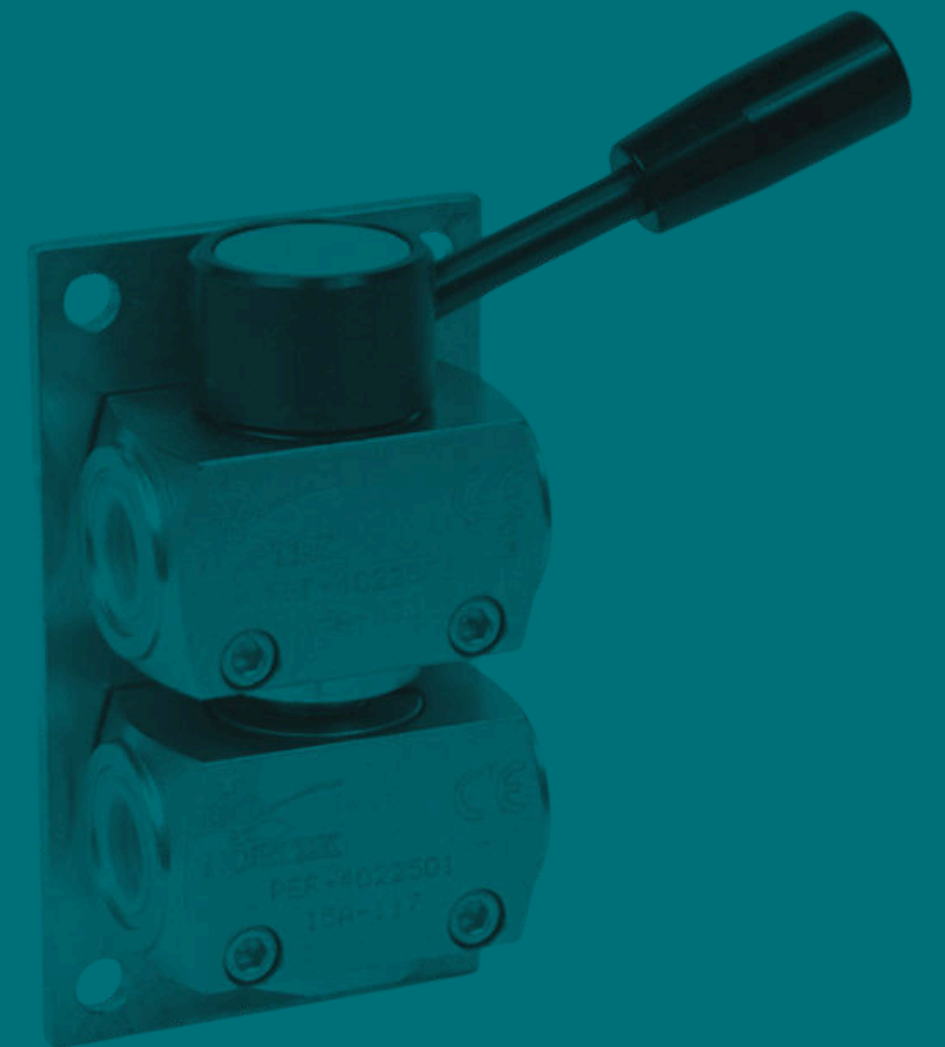




Special
equipments

Equipment and services for special applications in fluid systems.

- ✓ Inline and offline heating systems
- ✓ Descaler systems
- ✓ Pressure tanks
- ✓ Water systems
- ✓ Fluids control
- ✓ Valves
- ✓ Spray systems



This is how we will serve you



FIRST CONTACT

Initial discussion about the project and the best way to help your company.

ENGINEERING

The whole designing process to reach the best solution for your needs.

MANUFACTURING

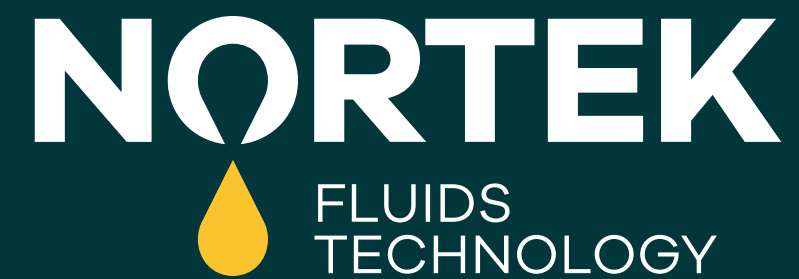
The secret behind Nortek's quality: all our systems are 100% manufactured by us.

INSTALLATION

On-site operations or technical support you need to make it work.

AFTER-SALES SERVICE

Maintenance, spare parts, training, whatever you need. We will be there for you.



SPAIN

CENTRAL SERVICES AND MANUFACTURING PLANT

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