

The core  
of drilling  
innovation





## Oilfield drilling rig manufacturers

Drillmec is an international leader in design, manufacturing and distribution of drilling and workover rigs for onshore and offshore applications as well as a wide range of drilling equipments.

The results achieved in over 100 years of international experience have been recognized by customers worldwide and stem from our commitment to continuous improvement through the pursuit of high quality, strong focus on human resources and emphatic efficiency throughout the whole process.

At the core of our company's identity lie three principles: safety, environment and innovation.

Our worldwide reputation of reliability is a reflection of our extensive engineering development, timely deliveries and excellent after-sale service.

We are part of the TREVI Group, a multinational organization with more than fifty years of activity that counts on more than 6000 employees in 70 countries in a structure composed of five Group companies and 30 subsidiaries. Each company is specialized in a specific sector from the construction and ground engineering to the drilling fields. Drillmec's synergy and interaction with the other Group companies is essential.



Claudio Cicognani  
President, Drillmec



Simone Trevisani  
Managing Director, Drillmec

# Our strengths

In the spirit of Italian tradition, Drillmec doesn't just talk. We create innovative solution. Our strength lies in our common goals, our attention to details, and our commitment to the communities in which we operate. But it is our passion for innovation and service that sets us apart from our competitors.

Global

Drillmec is currently present all over the world with 5 operational centers (Piacenza, Parma, Houston, Gomel and Fujairah), 35 representative offices and 6 subsidiary companies.

Engineering excellence

A man's "brain" determines his capability to come up with new ideas and find innovative solutions, often in a short time and under hard conditions. Our designs retain a basic contribution from our customer's needs, as a result of a natural attitude to work together.

Safety

Human Safety & Environment (HSE) department is part of the driving force behind Drillmec's development. Applying a HSE plan, our safety management continuously investigates new technologies in order to reduce the risk of accidents.

Local support

Our unrivalled network guarantees clients a continuous technical and financial support, backed up with our excellent after-sale service. One of the main principles, inspiring our 600+ employees, is to develop close and rewarding relationships with our clients.

Integrity

Defines the very foundation of our business principles and is one of our most important qualities. It is the way we treat our clients, suppliers and partners, while also delivering our product process.

Quality

Drillmec quality management systems is certified by API (American Petroleum Institute), DNV - GL (DNV Business Assurance), RTN (Rostekhnadzor) and CU-TR (Russian approval) and can also work under NORSOK, ABS and RMRS, if required by the client.

Experienced

In over one century of experience, we have created a distinctive brand that customers trust. Customers are loyal to our brand because they know that they can count on a reliable product, which is safe to use, tested and checked on site.

Environmentally aware

This is right at the heart of our company in our rigs we seek to reduce our impacts and to eliminate environmental incident through proactive environmental management





# Our people

Persone/people - the entire body of persons who constitute a community, tribe, nation, or other group by virtue of a common culture, history, religion, or the like.

"The strength of the team is each individual member...the strength of each member is the team."

The man, his mind, his strength, his ability to find solutions, to deal with the unexpected, to learn from his mistakes, to teach the others and to improve.

It is the man who is the real resource to invest in, even before the machines.

Attention to employees and their families, training and valuing the younger generations, improving their skills with the support of the more experienced are just one of the fundamental aspects Drillmec has always committed in.

*Whilst our rigs  
are state of the art,  
it is our people who  
created them, designed  
them, built them,  
and tested them.*





## Research & innovation

### Research

Ricerca/research - diligent and systematic inquiry or investigation into a subject in order to discover or revise facts, theories, applications, etc.

All our work is based upon solid research. We think of problems ahead of time and provide solutions to keep your construction project on target.

Our products are the result of over forty years' cumulative experience and knowledge. Tested under the most difficult conditions to make sure they are safe, our machines have a life cycle of over 20 years, so they are cost effective as well as powerful.

Our technical team comprises over 90 design engineers, who are hard at work every day to develop new state-of-the-art solutions. Our equipment doesn't just do the job. It is designed to inspire.

### Passion for Innovation

Innovazione/innovation - something newly introduced, such as a new method or device.

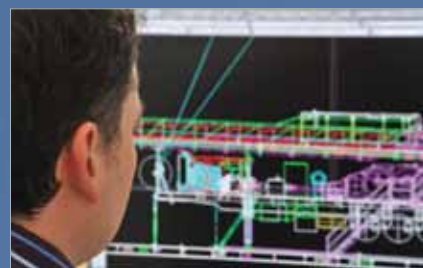
We are constantly striving to think ahead and reach new horizons, creating the unthinkable.

Our experience has shown never to say never. Time and again our people, united by a shared passion for innovation, have turned utopian ideas into reality. We aren't afraid of taking on new ideas or challenges. This boldness is the real engine that drives Soilmec.

Whether working on a building's foundation or a dam, drilling a hole in the earth or under the sea, we address every technical challenge with its own unique solution.

We strive to think out of the box and stay one step ahead of the industry.

*Invention, analysis,  
training: keystones  
of our success*





## A complete portfolio

The Drillmec Group has the most technically advanced product portfolio, fit to work everywhere from the African desert to the American mountains. The use of Drillmec equipment on jobsites all around the world day by day, tests the effectiveness of the technical solutions.

All these solutions have been developed under different and difficult working conditions. Each single problem encountered along the way is an opportunity to grow, improve and innovate.

The Drillmec Group comprises of:

- Drillmec SpA
- Drillmec Water Division
- Drillmec INC
- Seismotekhnika
- IDT



Onshore



Offshore



Oil & Gas



Water Well



Geothermal





Servizi/service - the organized system of apparatus, appliances etc, for supplying some accommodation required by the public.

# Product, technology and service

For onshore and offshore drilling contracts, Drillmec today is the drilling expert that helps its customers countinously to raise performance through our proven technical expertise, global aftermarket network and trusted quality.

Our engineers apply years of experience to deliver optimal solutions based on material selection, service application and functioning criteria.

Our presence in the oilfield industry means design, manufacturing, commisioning and service for conventional and hydraulic land rigs, mobile and workover drilling rigs, offshore units and drilling equipments.

## Drillmec products

### LAND RIGS

Swing Lift (DM SERIES)

Dual Trailer (DTR SERIES)

Hydraulic Safe Lift (HSL SERIES)

### MOBILE RIGS (MR SERIES)

### HYDRAULIC DRILLING RIGS (HH SERIES)

### WATERWELL DRILLING RIGS (G SERIES)

### DESERT DRILLING RIGS

### DERRICKS & OFFSHORE SOLUTIONS

### CONDUCTOR PIPE MOBILE DRILLING RIGS

### HYDRAULIC TOP DRIVES

### CASING MAKE UP DEVICE

### TORQUE WRENCH

### DRAWWORKS

### MUD PUMPS

### MUD SYSTEMS

### POWER TONGS - IRON ROUGHNECK

### SKIDDING SYSTEM

### MANIFOLDS

### ROTARY TABLES

### DRILLING MATE SYSTEM - DMS



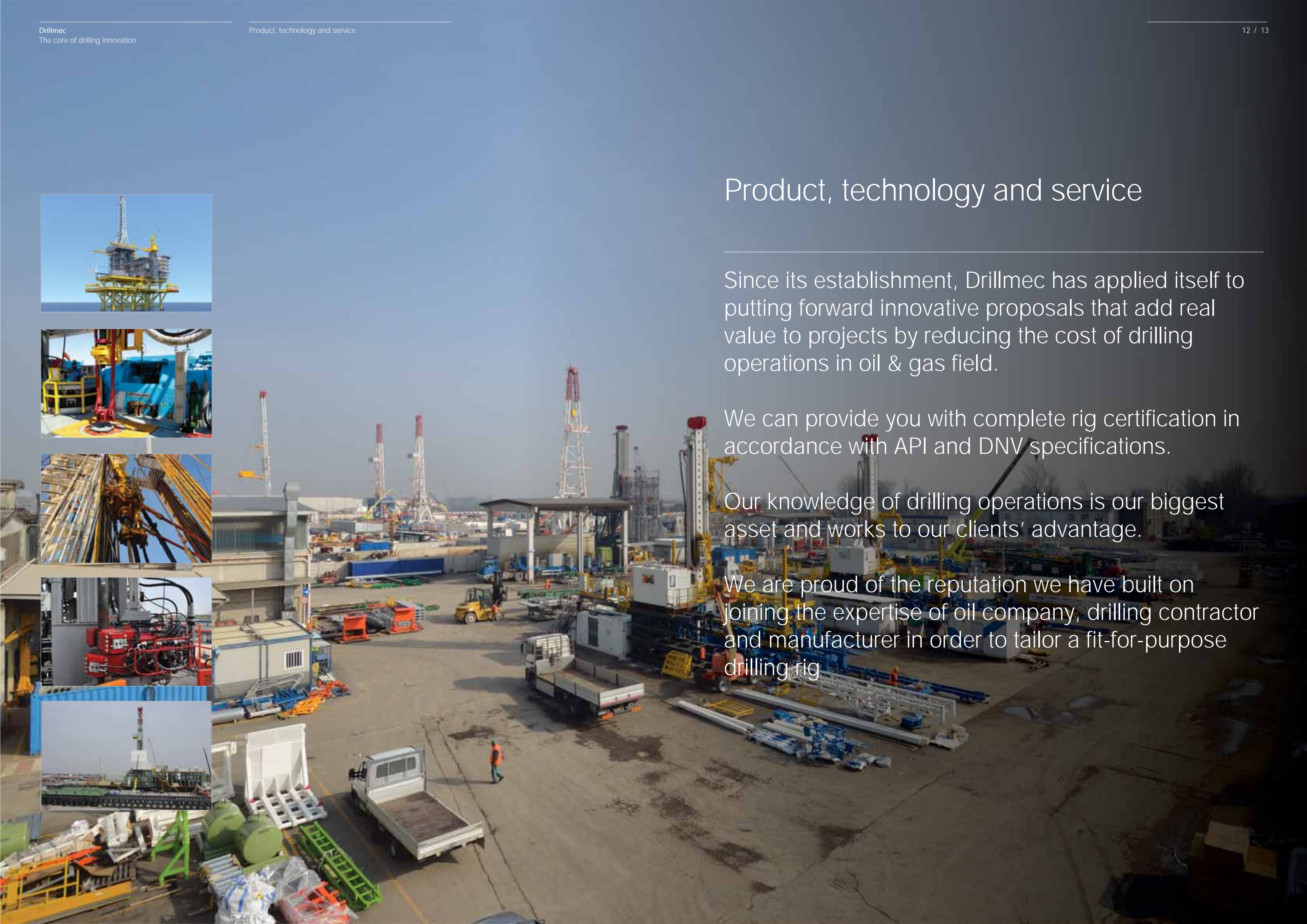
## Product, technology and service

Since its establishment, Drillmec has applied itself to putting forward innovative proposals that add real value to projects by reducing the cost of drilling operations in oil & gas field.

We can provide you with complete rig certification in accordance with API and DNV specifications.

Our knowledge of drilling operations is our biggest asset and works to our clients' advantage.

We are proud of the reputation we have built on joining the expertise of oil company, drilling contractor and manufacturer in order to tailor a fit-for-purpose drilling rig





## HH Series, the ultimate frontier of drilling rigs

E&P companies demand rig manufactures to design drilling equipment that is increasingly safer for workers and the environment while improving performance.

Drillmec brings it all together in one drilling rig: the HH Series.

The HH Series combines the basis of hydraulic water well drilling rigs with contemporary systems for pipe handling, transportation and rig-up for either onshore and offshore rigs ranging from 75 to 600 metric tons hook load capacity.

Today more than hundred of these rigs are successfully operating worldwide.

### HH Series features & benefits

TECHNOLOGY TO IMPROVE SAFETY  
ENVIRONMENT AND PERFORMANCE

RIG-MOUNTED EQUIPMENT  
TO IMPROVE EFFICIENCY

TELESCOPIC MAST TO  
INCREASE EFFICIENCY

REDUCED FOOTPRINT  
TO MINIMIZE IMPACT

PULL DOWN CAPACITY  
UP TO 40 TON

INTEGRATED TOP DRIVE  
TO IMPROVE PERFORMANCE

DRILL PIPE HANDLING  
TO ADD FLEXIBILITY

SOUND PROOF DESIGN  
TO REDUCE NOISE

DRY LOCATION DRILLING  
FOR ENVIRONMENTAL CARE

TRAINING TO IMPROVE PERFORMANCE





# Local presence, global leader

**Locale/local:** characteristic of or associated with a particular locality or area.

Set up as a small branch, Drillmec has gradually become a very large team where passion and team spirit permeate all stakeholders: owners, managers, white and blue-collars.

Interestingly enough team bonds are made stronger by sharing feelings: from daily hard work to the joy of the final outcome, from individual commitment to team satisfaction.

Our presence in the oilfield industry offers always upgraded solutions to our customers. Our designs retain a fundamental contribution from our customer's needs, as a result of a natural attitude to work together. Our customized solutions grant our clients the best products and the best service available on the market.

All these solutions have been developed under different and difficult working conditions. Each single problem encountered along the way is an opportunity to grow, improve and innovate.

Innovative integrated solutions aim to maximize customer's economics, by means of unique experiences that positively influence customer's total drilling cost.

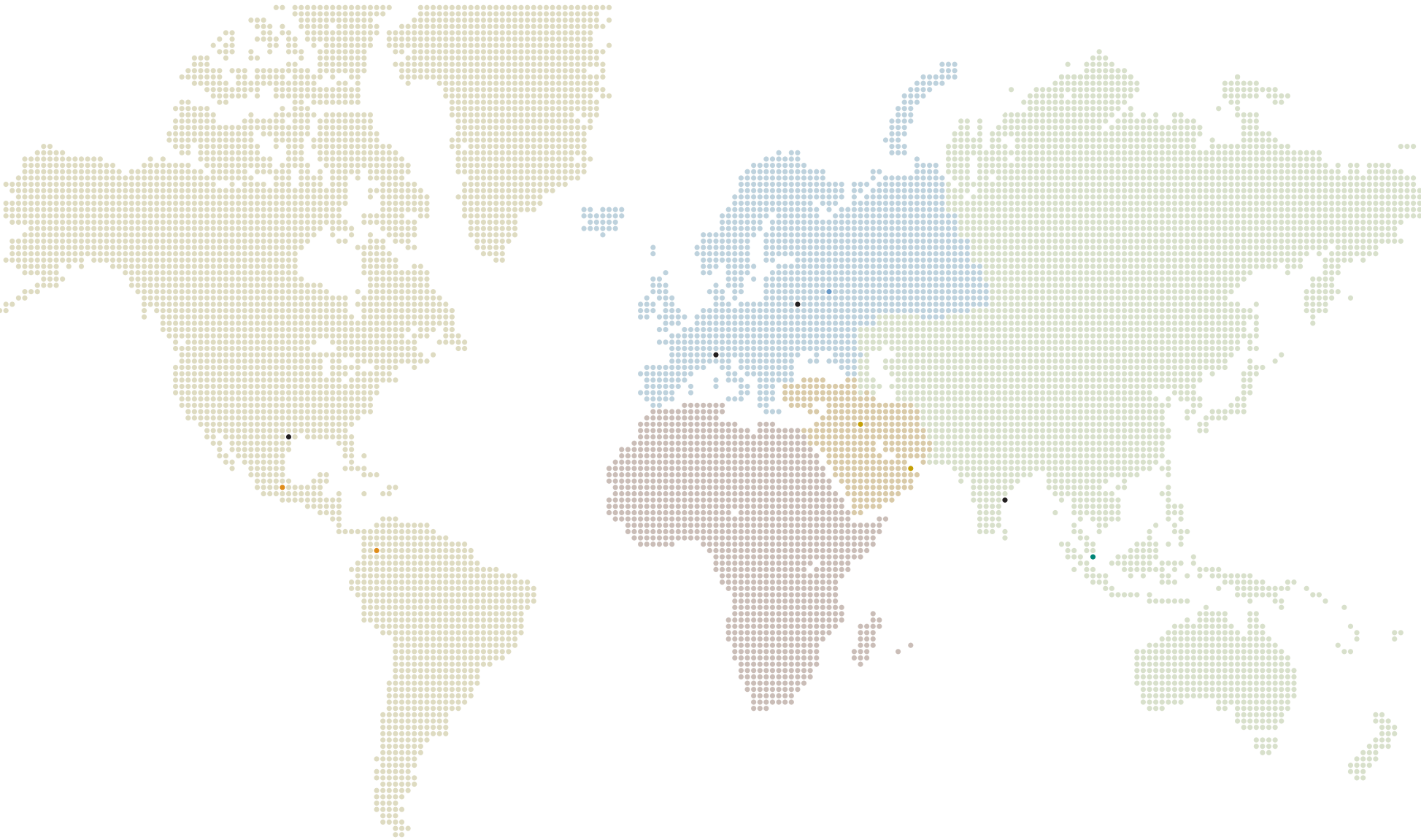
**Mondiale/global** - pertaining to the whole world; worldwide; universal.

From South America to Russia, from Arab Emirates to Australia, from North America to Iceland: in more than 40 countries on the 5 continents, a Drillmec rig is working, even in this moment.

Over 90% of our turnover is exported to foreign markets. Our equipment works every day in all variety of soil and climatic conditions, social contexts, languages, cultures and skills.

With their robust design, our equipments are fit to work everywhere from the African desert to the American mountains.

The use of Drillmec equipment on jobsites all around the world day by day, tests the effectiveness of the technical solutions.



## Americas

Houston, Texas US\*  
Mexico City, Mexico  
Bogotá, Colombia

## Europe

Piacenza, Italy\*  
Gomel, Belarus\*  
Moscow, Russia

## Africa

## Middle East

Baghdad, Iraq  
Oman, Oman

## Asia & Australia

Kakinada, India\*  
Singapore

\*● Drillmec production facilities



*Drillmec:  
full package management,  
hi tech solutions.*

# Solutions provider



## Engineering

Years of experience enable our company to overcome the challenges of our clients by finding solutions that are both reliable and cost effective. Our skillful in-house engineering department supports brand new projects as well as rig upgrades and refurbishment work.

We utilize the latest available software to analyze data, guaranteeing accurate results and providing clients with the necessary calculations and certifications according to API requirements.

The analysis process includes:

- Data gathering and input
- Static analysis of all operating loads
- Examination of dynamic behavior
- Combinations of the static and dynamic load cases

Several simulations of stress analysis take place during the design process in order to optimize the layout and weight of the structure without compromising its safety.

In addition to the API standard requirements, we supply accurate and detailed documentation of its design as well as related working procedures. Whenever requested by the customer, these design documents can be submitted directly to a Third Party Body for verification and approval.



## Technology

A number of years ago, we changed from manual drafting to the sophisticated computer aided design software PRO Engineering. Now, there are more than 30 PRO/E and 2 PRO Mechanica workstations for structural and kinematic calculations.

This is an example of the importance that innovation, big or small, has always held within our organization's history.

The forward-thinking attitude of our organization, from top to bottom, has brought us to the forefront of innovative technology and the creation of new, higher performing products in line with the market's requirements.

Investing in innovation, research, and development is a strategic, winning necessity. But innovation and new solutions are not effortless. It requires a qualified staff of designers with extensive experience, with advanced instrumentation and, above all, constant education, even on site, to shape new minds and resources.

*At Drillmec, we pride ourselves on foreseeing challenges before they arise and engineering technical solutions.*



## Service

Our company can provide its customers with a knowledgeable and practiced team of technicians worldwide.

Just in the last three years our engineers have spent more than 15,000 hours in rig inspection and certification and our maintenance technicians have directed more than 10,000 hours in supporting our clients with keeping their equipment in good working condition and avoiding down time.

With many years of experience, our engineers are ideally qualified to inspect your rig and suggest necessary refurbishments in order to obtain acceptance and approval from any oil company.

We can provide you with complete rig certification in accordance with API and DNV specifications. Our knowledge of drilling operations is our biggest asset and works to our clients' advantage.

Our company supports you with the best refurbishing program to prepare your rig to successfully perform in all drilling conditions.

You can trust us as the perfect partner in upgrading your equipment and preparing it to be fitted according to the job requirements.



## Training

Training is essential to innovation.

This is the principle for Drillmec Academy, a training school which is open both to our customers and staff.

We want to make sure that our customers with their trained personnel are always in control of their equipment and can solve any problem.

Our skilled team of instructors offers students both classroom and on-field lessons about:

- Rig operation (both mechanical and hydraulic drilling rigs)
- Standard maintenance
- Troubleshooting
- Familiarization with Drillmec's documentation (Operational and Maintenance Manual, Spare Parts Manual, other catalogues).

Training is not only theoretical.

The practical side is just as important to train the mind. In fact, from time to time it is important to send our technical staff to job-sites and see the real problem of the machine in operation.

This will enable them to develop new solutions when designing new equipment.

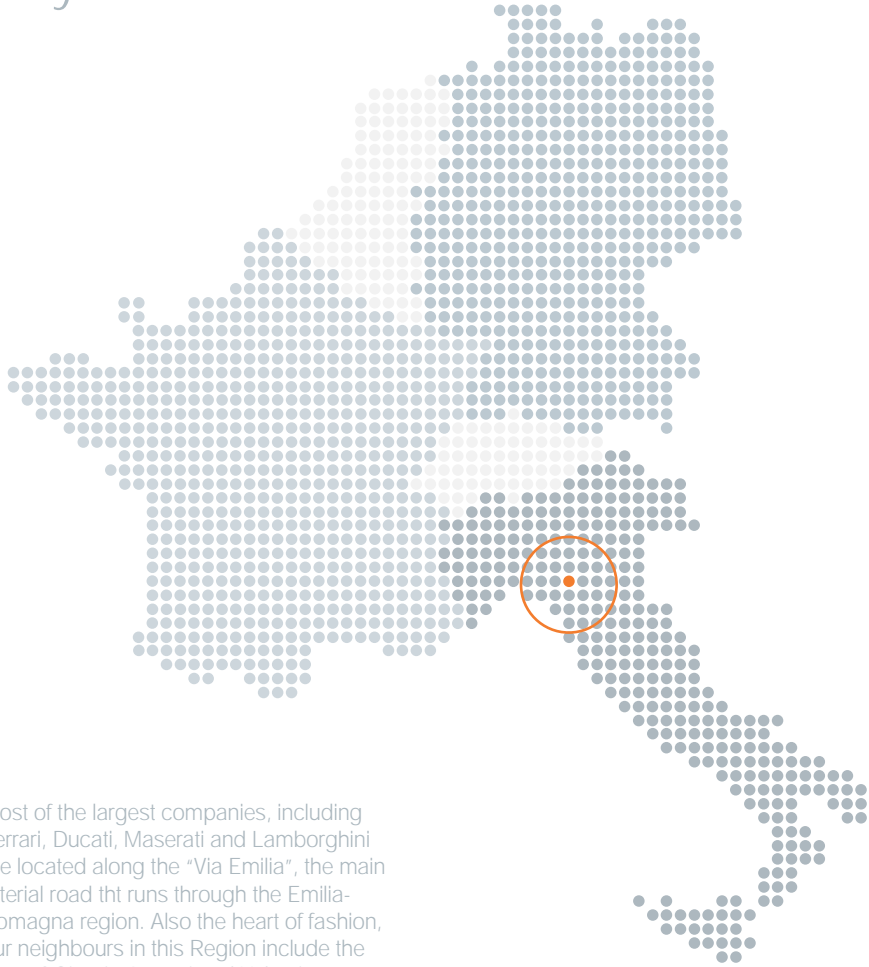
Soluzioni/solution - a particular instance or method of solving; an explanation or answer



# The heart of Italian engineering

Drillmec is now a truly global company but we remain deeply connected to our roots in the Emilia-Romagna region - the Mechanical Engineering Heart of Italy.

Our international headquarters to this day remain in Piacenza, in the Emilia-Romagna region which is known the world over for its culture of engineering and its heritage of excellence. With the regions close links to the German and French engineering centers, our manufacturing and supply chain could not be better situated.



Most of the largest companies, including Ferrari, Ducati, Maserati and Lamborghini are located along the "Via Emilia", the main arterial road tht runs through the Emilia-Romagna region. Also the heart of fashion, our neighbours in this Region include the likes of Giorgio Armani and Valentino.

90% of our workforce and supply chain come from the Region, ensuring a highly skilled workforce and quality supplies. The passion for engineering in Piacenza like nowhere else and being here means we have access to the world's best engineers and innovation.





For further information...

If you would like further information about our company, products or services, please don't hesitate to get in touch. You can do this in a number of ways...

- Website	<b>www.drillmec.com</b>
- Email	<b>info@drillmec.com</b> <b>info@drillmecinc.com</b>
- Addresses	<b>12, via I° Maggio</b> <b>29027 Gariga di Podenzano (PC) - Italy</b> <b>18320 Imperial Valley Drive</b> <b>77060 Houston, Texas - U.S.A.</b>
- For general information please call	<b>Italy +39 0523 354200</b> <b>U.S.A. +1 281 885 0777</b>
- For sales, please call our sales department	<b>Italy +39 0523 354220</b> <b>Italy +39 0523 354241</b> <b>U.S.A. +1 281 214 7669</b>
- For spare parts, please call our spare parts department	<b>Italy +39 0523 354285</b> <b>U.S.A. +1 281 214 7866</b>