

Offshore Solutions, Products & Services



PIPELAY
SYSTEMS

PIPELAY
EQUIPMENT

WINCHES

CRANES

SERVICES





imeca



IMECA's PRESENTATION

REEL

IMECA is the REEL brand dedicated to offshore. Founded in 1946, REEL is a French company with 2000 people leader in design, manufacturing, commissioning and maintenance of lifting and handling equipment in Nuclear, Aerospace, Defence, Aluminum, Hydropower ...

IMECA CORE BUSINESS

IMECA manufactures stand-alone equipment and turnkey pipelay solutions for flexible, rigid and umbilical products. Over the years, IMECA has developed a wide range of proven standard pipelay equipment from 100 Te to 600 Te, Carousels from 600 Te up to 7000 Te and Cranes from 10 Te to 150 Te. In addition, IMECA offers tailor-made solutions.

Focused on customer's satisfaction, IMECA constantly improves the performance of its products and offers cost efficient and innovative solutions. To reduce operating costs, IMECA equipment are designed for power consumption optimization, weight and space savings. Always pushing the boundaries of innovation, Fiber Rope Fast Winches, fully electric Cranes and fully electric Tensioners are already available for the harshest environment.

End of 2015, IMECA opened a new factory with capacities in accordance with the future challenges. These premises are ideally based on the French Atlantic Coast, in La Rochelle Harbour, with docking facilities for all types of vessels (14m water depth).

IMECA SERVICES

Thanks to engineer experts and skilled technicians, IMECA offers a comprehensive range of after-sales services to provide responsive solutions to clients' needs:

- Hotline for 24/7 assistance,
- Technical back-up / Assistance worldwide during operations,
- Spare parts,
- Maintenance support,
- Expertise and diagnostics for refit / upgrade,
- Equipment refurbishment,
- Operator Training.

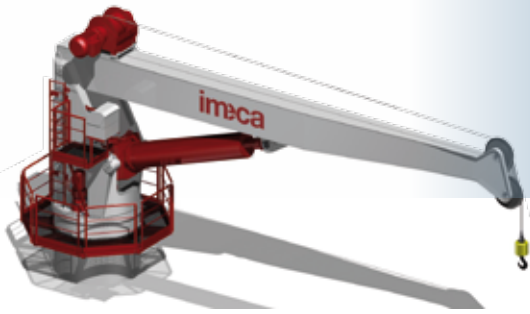
In addition to Service bases in Europe, IMECA is developing other bases in Africa, North America and Brazil

AND MORE

IMECA is made up of experienced personnel who work in complex environments and committed to optimal performances based on 4 core criteria: reliability, safety, cost efficiency and client satisfaction. Passion and commitment are the cornerstone of quality, long-term relationships and the foundation of IMECA teams.



IMECA's expertise



ENGINEERING CAPACITIES

IMECA provides customers with a wide range of versatile solutions based on proven and recognized concepts and products. IMECA in-house design covers all engineering disciplines: mechanical, electrical, control command, hydraulic. Due to a large Engineering resources available within the Group, design capacities can be adapted on demand.



MANUFACTURING

IMECA'S manufacturing capacity has been largely increased with the new Factory.

- Workshop of 4600m²
- Travelling cranes up 100t, 25m under hook
- 100m along quayside

The large assemblies are manufactured through a qualified worldwide supply chain.

STATIC & DYNAMIC TEST

A static and dynamic test bench of up to 1000t is available prior to quayside delivery in La Rochelle.



QUAYSIDE DELIVERY

600m of quay with 14m depth.



INSTALLATION & SERVICES

As a manufacturer of offshore equipment, **IMECA Services division** has dedicated and experienced personnel to support clients all along equipment lifecycle. The team includes controls, electrical, hydraulic and mechanical engineers, qualified welders, riggers and fitters. All of them having certification for offshore operations, as Bosiet.



IMECA's core business



BUOY EQUIPMENT

- Winch and HPU or EPU
- Mooring

EQUIPMENT FOR FPSO/FPU

- Winch and HPU or EPU
ATEX environment
- Anchoring winch
- Mooring

SUBSEA STRUCTURES

- PLET
- FLET
- Arch
- A-frame
- Gravity base

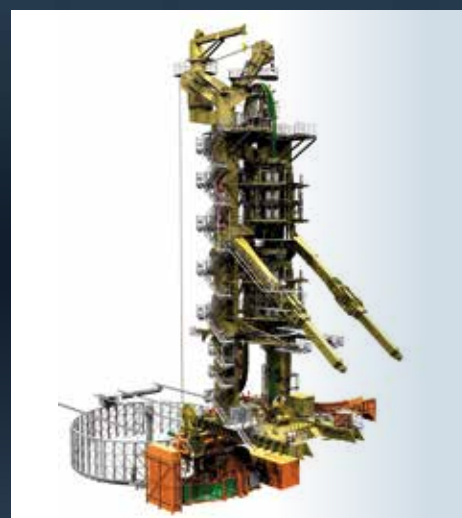
PIPELAY

- Pipelay system for rigid, flexible and umbilical
- Tensioners
- A&R systems & Winches
- Crane
- Friction / Collar / Safety Clamps
- Tilting system
- Reel Drive systems
- Centralizers
- Monorails
- Straighteners
- Carousels
- Working table & platform
- Product routing

- > Rigid pipelay system
- > Flexible pipelay system
- > Portable pipelay system
- > Vertical-Lay System



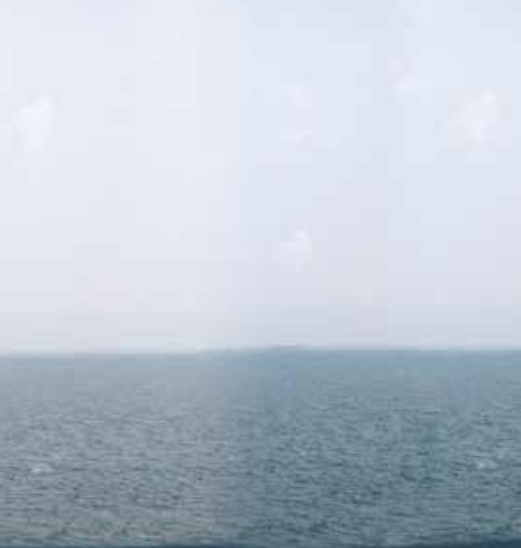
IMECA's PIPELAY SYSTEMS



550Te Laying System, flex & rigid.
The last generation



400 Te reel lay versatile system for
rigid and flexible lay operations



Equipment manufactured and assembled on quay side for an easy mobilisation on board



550 Te Pipelay System



350 Te Portable Pipelay System



VLS the 7th generation
135 Te Vertical-lay System

FULLY INTEGRATED PIPELAY SYSTEMS

Includes the design, fabrication, assembly, testing, certification, integration and commissioning:

- > The tower structure
- > The top module (gutter, top crane, top sheave)
- > The work floor
- > The tensioners
- > Abandon and recovery system
- > The hydraulic and electric power units



Winches

Standard Winches Range

- > Tugger Winches
(2,5 / 6,5 / 10 / 20 / 30 Te)
- > Initiation Winches
(30 / 40 / 50 Te)
- > Abandon & Recovery Winches
(50 / 150 / 200 / 300 / 350 / 450 / 650 Te)

Special Winches

- > Riser Pull-in
- > Deployment
- > Buoy
- > Umbilical
- > Traction
- > Storage
- > Utility winches



Tensioners horizontal & vertical

Multipurpose for Flexible, Umbilical, Rigid and Wire rope

- > 2, 3, 4 or 6 tracks for Onshore & Offshore applications
- > Pulling capacity from 10 to 400 Te
- > Squeezing maintained more than 48h without any power
- > Full Open-ability of the Tensioner up to 4 m OD around the firing line
- > Squeezing accuracy of 2 Te/m in hydraulic and 200kg/m in electric
- > Even pressure along the tracks thanks to optimized tracks stiffness

Standard Tensioners Range

- > 2-track Tensioners (10 / 15 / 20 / 35 / 55 / 70 Te)
- > 4-track Tensioners (100 / 200 / 300 / 400 Te)



Innovation

Innovative
Full electric
Tensioner
(Driving &
Squeezing)



PLET Handling SYSTEM

30 Te PLET
3 translations
2 rotations



2 x 225 Te
Open-able Clamp



225 Te
Friction Clamp

Clamp SYSTEM

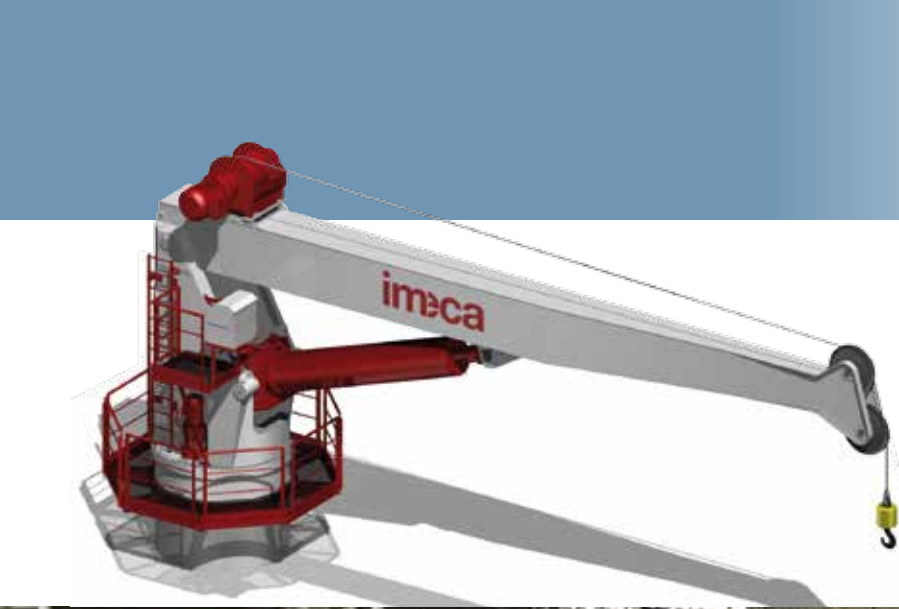
OPEN-ABLE
SAFETY
FRICTION

650 Te
Friction clamp

Reel drive system

Double winches system to drive reels up to 500 Te.
The system can lift and displace a full reel along the rails.





Fully electric offshore Cranes

Environmental friendly

Fail safe

High efficiency

Not sensitive to low operating temperatures



Carousel LOAD OUT SYSTEM





IMECA

16 rue du Sénégal
17000 LA ROCHELLE
FRANCE

+33 2 51 53 16 16

IMECA

La Pallice Harbour
10 bis rue de la Côte d'Ivoire
17000 LA ROCHELLE
FRANCE

Tel. +33 2 51 53 16 16

IMECA Do Brasil

Rue Sete de Setembro
124 Rio de Janeiro - centro
Tel. +55 21 3173 2183

REEL Congo

92 avenue Charles de Gaulle
BP 606
Pointe Noire
République du CONGO
+33 7 77 68 18 29

NNSC

Kruisweg 643
2132 Hoofddorp
NETHERLANDS



**OFFSHORE SOLUTIONS
PRODUCT & SERVICES**

contact.imeca@reel.fr
www.imeca.reel.fr

