



www.fluiconnecto.com



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OUR MISSION

Fluiconnecto is a leading international service organization, focused on fluid conveyance systems and solutions. Fluiconnecto prides itself on providing products and application knowledge, as well as maintenance services, from OEM to end-users in all market segments, through a global network tailored to local conditions.

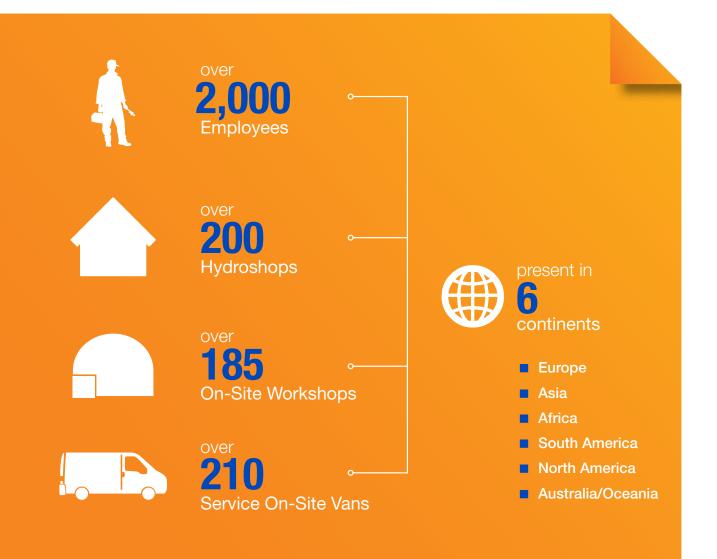
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Fluiconnecto's services are made available at the customer's doorstep in 6 continents, through a network of OEM Assembly Plants, Hydroshops, On-Site Workshops and Service On-Site (SOS) Vans.

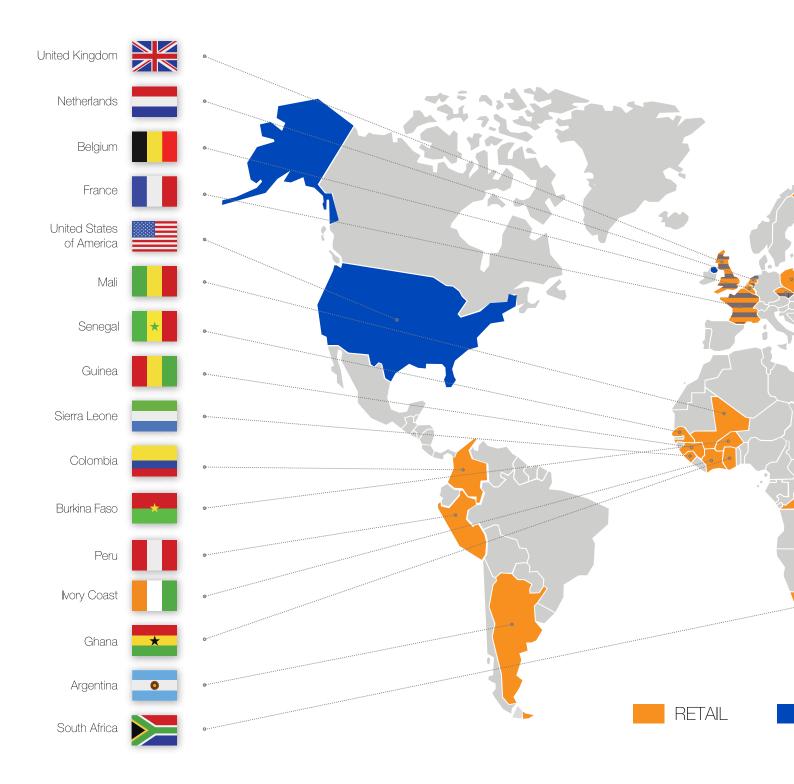
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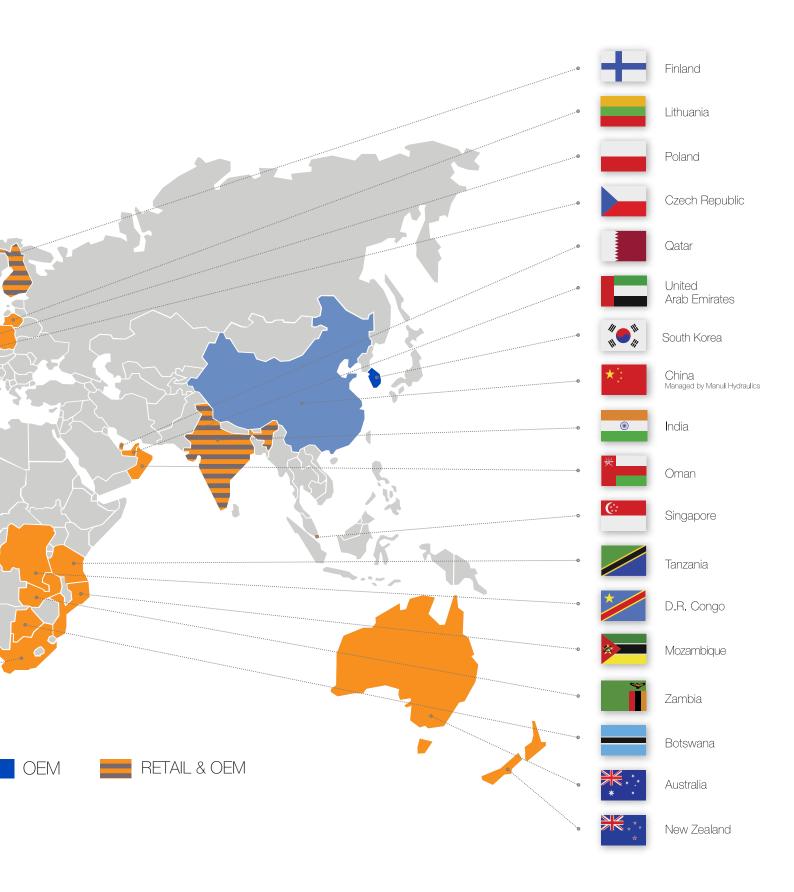
FLUICONNECTO IN BRIEF



INTERNATIONAL PRESENCE







OUR ROOTS

World Class Manufacturing and Distribution

Manuli Ryco is a multinational corporation dedicated to serving its customers, developing the potential of its employees and rewarding all its stakeholders, under the principles of an ethical code of conduct.



MANULI RYCO

Manufacturing Division

- Research and Development
- Design and Innovation
- Continuous Improvement
- Industry Knowledge & Experience
- Integrated Solutions

fluiconnecto:

Service Division

- Co-Design with Customers
- 24/7 Service
- Maintenance Services
- Technical Support
- Dedicated Offering for Global OEMs

www.fluiconnecto.com

www.manuli-hydraulics.com www.ryco.com.au



MANULI RYCO GROUP



Manuli Ryco was established in 1935 with strong roots on two continents, tracing its origins to both Italy and Australia. It is committed to deliver sustainable value to all stakeholders through excellence in innovation, quality and service.

www.manuliryco.com



We bring the manufacturers to your doorstep: Manuli Hydraulics and RYCO Hydraulics. In this way, we can offer you the best products available in the market.

We are integrated with top quality global manufacturers, ensuring OEM level performance, and continuity of stock availability, significantly contributing to improving the productivity and safety of your operations.



MANULI AND RYCO INTEGRATED SYSTEMS

Achieve longer service life with Manuli and RYCO's Integrated Systems

- Designed and manufactured in-house
- Complete product range built to fit together
- Assembly equipment from the same manufacturer
- Crimping parameters constantly monitored and updated
- Meet and exceed international requirements

INSERTS

- High quality carbon and stainless steel
- Micro and macro grooves
- Unique sealing groove
- Swivel Rotofit fittings
- High pressure non skive fittings

FERRULES

- Solid piece design
- Ferrule grooves are specifically drawn to match the corresponding insert grooves
- Verified compression during crimping
- Standard and skived solution for high pressure

HYDRAULIC HOSES

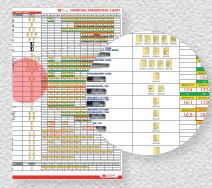
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- Wide range for all applications
- Standard or skived solution
- Low to ultra high pressures
- Manufactured in own facilities
- Tested to meet major international specifications







CRIMPING PARAMETERS

- Precisely selected crimping diameters
- Based on: steel hardness, ferrule compression, hose reinforcement type, hose wall thickness, dies profile in the crimping machines



ASSEMBLY EQUIPMENT

- Specialized product lines for OEM, workshop, mobile vans
- Dies profiled specifically for Manuli and RYCO ferrules
- Precise calibration
- Crimping repeatability
- Manual and automatic operation

Designed with increased performance and safety

All elements of Manuli and RYCO's Integrated Systems work together to exceed the international requirements, offering a more robust and durable assembly.

HOW WE SERVE YOU





HYDROSHOP Hydroshop

One stop-shop close to you.



On-Site Workshop

A container workshop we place at your premises.



SERVICE ON-SITE (SOS) VAN SUPPORT WHERE AND WHEN YOU NEED US.



Our Service On-Site vans are fully equipped mobile workshops that will solve your hydraulic problems wherever and whenever they occur.

What to expect from our Fluiconnecto Service On-Site vans:

- Fully equipped mobile workshops for on-site repairs.
- Certified maintenance specialists able to analyze and correct the problem.
- Always available at customers premises 24/7, 365 days.
- Fully qualified and competent engineers at your service.
- Scheduled maintenance as well as emergency services.

HYDROSHOP ONE STOP-SHOP CLOSE TO YOU.



Hydroshops are open to the public for you to place and collect orders. Each Hydroshop is equipped with its own hose assembly workshop, an additional service area and a warehouse that stocks thousands of hydraulic parts to guarantee a fast and efficient service.

What to expect from our Fluiconnecto Hydroshops:

- Conveniently located close to you.
- Trade counter supported by a hose assembly workshop.
- Open to the public to place and collect orders.
- Specialized products and services.
- Ever growing network with professional advisory service and qualified technicians.
- On-Site warehouse stocking thousands of parts.



ON-SITE WORKSHOP A CONTAINER WORKSHOP WE PLACE AT YOUR PREMISES.



Our On-Site Workshops are flexible solutions that offer the same level of service and product quality as a Hydroshop, with the advantage of a team of technicians and inventory tailored to your needs.

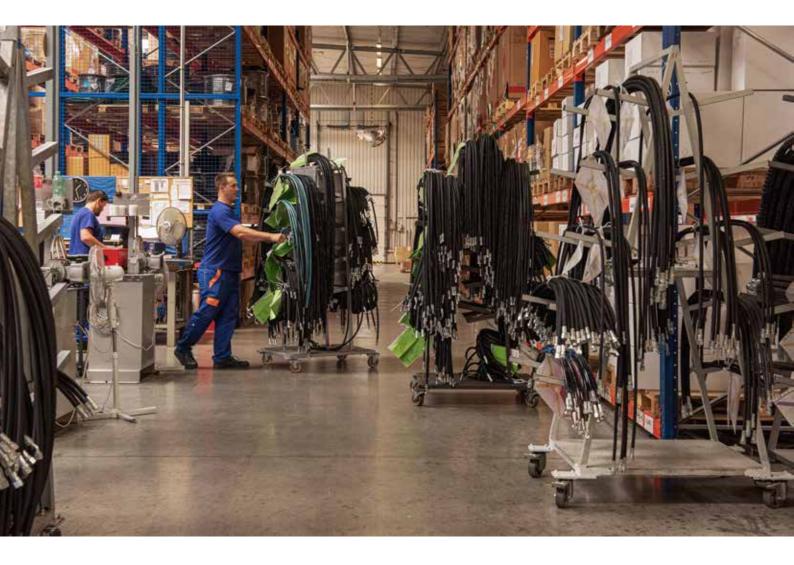
What to expect from our Fluiconnecto On-Site Workshops:

- Fully equipped On-Site Workshop that stocks customer specific products.
- Hydraulic service area with professional assembly equipment.
- Professional services including hose crimping and preventative maintenance.
- Certified maintenance technicians at customer premises.
- Technical consultancy to maximize efficiency, productivity and safety.

OEM BUSINESS UNIT COMPLETE PORT-TO-PORT OFFERING.

fluiconnecto:

Business Unit



Dedicated manufacture, commercial and logistics network, tailored to OEM customers' specific needs and requirements.

We are integrated with top quality global manufacturers, ensuring OEM level performance, and continuity of stock availability, significantly contributing to improving the productivity and safety of your operations.

What to expect from our OEM Business Unit's port-to-port offer:

- Global supplier of top brands.
- Complete product range.
- Customized design and development.
- Simplified inventory management.
- Reduced assembly variation.



OEM BUSINESS UNIT ADVANCED ENGINEERING SOLUTIONS.

SOLUTIONS SPECIFICALLY DESIGNED TO MATCH YOUR NEEDS AND SPECIFICATIONS



fluiconnecto:

fluiconnecto:

Business Unit

REFERENCES AND MARKETS





Certificates for marine applications

References

- DCNS
- DAMEN
- Garant Supply UAB
- Elmelit UAB
- DRYDOCKS WORLD-DUBAI
- Oman Ship Management Company
- ALE Heavylift

- HidroviasJan De Nul
- Hyundai Heavy Industries Co. Ltd.
- PT. Lautan Lestari Niaga
- PT DOK
- Wasa Dredging
- Sunreef-Yachts
- COSCO Shipping Corporation

- Limited
- CSSC-China State Shipping Corporation

OEM approved

by top shipbuilders

- Huisman
- Heesen Yachts
- Amels
- SMST
- Watermaster



fluiconnecto:

+Performance

References

- Barrick Gold
- First Quantum Minerals
- Acacia Mining
- Anglo American Coal
- Aquarius Platinum
- Anglo Gold Ashanti
- BHP Billiton
- Caledon Resources
- De Beers

with +Performance products

Exxaro

Rio Tinto Mining

Glencore Xstrata

Murray and Roberts

Gold Fields

Joy Global

Newmont

Amara Mining

for the toughest conditions

Quality products designed, tested, and manufactured

- Sandvik
- Vale Exploration Peru
- Minera Rio Negro
- Silver Standard
- Shougang Hierro Perú
- Metso Minerals
- Randgold

Specialized services

'Around the clock' asset management, breakdown, repair and maintenance services

References

- Halliburton
- Schlumberger
- Huisman
- Jurong Shipyard
- Aker Solutions
- Leighton Offshore
- Lukoil
- Keppel
- Seadrill

- Ensco Maersk Drilling
- Smit
- Weatherford
- Drillmec
- Tatneft
- PetroVietnam
- Sembcorp Marine
- Noble

API-7K



Sparrow Offshore

API-161)

BOP hoses

- Petreven
- Aban
- Honghua Offshore
- Vantage Drilling Company
- Savanna Drilling
- FDS Desing Solutions Inc.



- Nordgold

OIL & GAS

Comprehensive range of Drilling hoses

- YPF
- Frigstad
- Bumiarmada
- Pergemine
- Triumph Drilling
- Remote Oilfield Services
- Surgutneftegas
- Beaver

Frank's International

Bucyrus

PRODUCTS HYDRAULIC HOSES

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1-16 DN25 Mp

UIEHARD"



- Hoses suited for demanding applications including mining, oil & gas and forestry
- Sizes up to 4
- Multispiral, braided and textile reinforcements
- Rubber, thermoplastic and Teflon designs
- Manuli and RYCO Integrated Systems: hose + inserts + ferrules + crimping parameters + crimping machines
- XXL hose + fittings integrated range for big flow rates



PRODUCTS HYDRAULIC CONNECTORS

HYDRAULIC HIGH PRESSURE COUPLINGS AND ADAPTORS

- Full range of couplings and adaptors to suit a range of hoses
- Zinc, Zinc Nickel plated or stainless steel
- Metric, inch, RD, right and left threads
- Ferrules made from one piece steel rod
- Innovative Rotofit swivel connections



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PRODUCTS QUICK RELEASE COUPLINGS



HIGH PRESSURE QUICK RELEASE COUPLINGS

- Over 25 product families within Q.Safe range from Manuli Hydraulics
- Standard designs: ISO A, ISO B, Flat Face, Screw
- Zinc nickel plated or stainless steel
- Reinforced internal elements for increased durability
- All products 100% leak tested
- Products designed for: agriculture, construction, forestry, manufacturing industry, drilling and transport

LOW PRESSURE QUICK RELEASE COUPLINGS

- For industrial manufacturing e.g. injection mould cooling systems
 - And other industrial applications







the manufacturers at your doorstep

PRODUCTS HOSE ACCESSORIES

HOSE PROTECTION AND SAFETY

- Special sleeves that protect the operator from oil injection in case of hose assembly failure
- Plastic spirals that protect hoses from abrasion and external damage
- Safety chain or cable that holds the hose in place and protects the operator in case of hose fitting blow out
- Special antistatic and flame resistant covers that protect hoses from fire and external temperature
- Straps, clamps, safety loops and other equpment









PRODUCTS HYDRAULIC COMPONENTS



HYDRAULIC PUMPS AND MOTORS

- Gear, vane, piston pumps and wheel drive motors
- Quality suppliers: Galtech, Hydro Control, Comatrol, Hydra Force, Argo-Hytos, Vickers, Atos, Fluid Press, Duplomatic, Rexroth, Oleodinamica Marchesini
- Technical support in choosing the most suitable solution
- Pump repairs

HYDRAULIC VALVES AND ELECTROVALVES

- Cartridge, throttle, check and ball valves
- Quality suppliers: Galtech, Hydro Control, Comatrol, Hydra Force, Argo-Hytos, Vickers, Atos, Fluid Press, Duplomatic, Rexroth, Oleodinamica Marchesini









PRODUCTS FILTRATION AND FLUID CONDITIONING

HYDRAULIC FILTERS AND CARTRIDGES

- Suction, pressure and return lines
- For low and high pressure
- For oil, diesel, gasoline, air, cabin, LPG

OIL INDICATORS AND SENSORS

- Electrical and optical
- For pressure, temperature and flow

MOBILE FILTERING UNITS

Enable filtering directly from tanks and reservoirs

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- Used for decontaminating oil by removing suspended particles
- Compact dimensions









PRODUCTS WATER CLEANING



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HIGH PRESSURE WATER JET CLEANING

HIGH PRESSURE HYDROSTATIC PRESSURE TESTING

HIGH PRESSURE WATER JET CUTTING





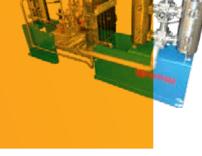
PRODUCTS WATER HYDRAULIC SYSTEMS

WATER HYDRAULICS

- Pumps and motors
- Valves
- Cylinders
- Teflon hose assemblies and other hose assemblies
- Accumulators, pulsation dampers
- Filters and other accessories
- Stainless steel fittings
- Special components

WATER FOGGING AND MISTING

 Systems and pump units for high pressure water mist applications









PRODUCTS INDUSTRIAL HOSES AND CONNECTORS



INDUSTRIAL HOSES AND CONNECTORS

- Used for low pressure transfer of liquids, abrasive solids, steam and other materials
- Available in a variety of designs made of: rubber, Teflon, polyurethane (PUR), PVC, santoprene, fiberglass and many others
- Products designed for: air and cold water, hot water, waste, food industry, chemicals, oils, petroleum based liquids, ventilation, gases
- Variety of ready solutions for all industries

LOW PRESSURE TRANSFER CONNECTORS

- GEKA, STORZ, CAM-LOCK and other industrial connections
- Availabe in zinc plated steel, brass or stainless steel
- Adaptors, connectors, clamps and reductions











PRODUCTS PNEUMATICS

AIR PREPARATION

- Air compressors
- Filters, dryers, oilers and regulators
- Reservoirs
- Thermoplastic and aluminium pipes for air supply lines

PNEUMATIC HOSES

Made of: PVC, polyurethane, polyamide, thermoplastic and rubber

PNEUMATIC CONNECTIONS AND COMPONENTS

- Push-in fittings
- Brass and stainless steel quick couplings
- Adaptors and manifolds
- Pistons and cylinders
- Valves and electrovalves
- Pressure regulators
- Sensors

ACCESSORIES

- Manometres
- Air guns







fluiconnecto: PRODUCTS **Centralized Lubrication** CENTRAL LUBRICATION AND FUELLING



Business Unit



CENTRALIZED LUBRICATION SYSTEMS

FLUID TRANSFER









PRODUCTS FIRE SUPPRESSION SYSTEMS



FIRE SUPPRESION SYSTEMS

- Vehicle fire suppression systems
- Gaseous fire suppression systems
- Fixed foam fire suppression systems
- Kitchen fire suppression systems
- Red line wheeled dry chemical fire extinguishers
- Sentry carbon dioxide wheeled fire extinguishers
- Foam systems mobilcart
- Twin agent skid
- Sentry & redline dry chemical extinguishers
- Red line cartridge-operated fire extinguishers
- Lithium-ion risk prevention system
- Foam concentrates
- Complete range of hydraulic fluid-connectors
- Rigid pipes



ANSUL







PRODUCTS TUBING



- Tubes are bent according to customer specifications, coordinate tables or directly from 3D model
- Outer diameter of 6mm to 42mm, straight tube maximum length is 6m
- Most common materials: steel or stainless steel, others on request
- Assemblies measured after bending with 3D measuring device
- Tube assemblies can include connections: ORFS, JIC, or metric etc.
- Internal cleaning of tube assemblies

PRODUCTS HYDRAULIC CYLINDERS

HYDRAULIC CYLINDERS

- Cylinders for Agriculture and Industrial markets
- Cylinders can be custom made on request
- Multiple types: Tie rod and welded body
- Refurbish customer cylinders
- Cylinder overhauls
- Manufacture cylinders with maximum inner diameter of 125mm
- Materials can be steel and stainless steel
- Most standard cylinders in stock



PRODUCTS REFRIGERATION AND AIR CONDITIONING

MOBILE REFRIGERATION AND AIR CONDITIONING

- Hoses and connectors used in mobile air conditioning and refrigeration systems
- Rubber hoses with textile or steel reinforcement
- Compatible with the newest refrigerants
- Three connection types for OEM and service applications
- Rigid connections bent to customer specification
- Filters, dryers, tools thermal sleeves and other accessories

REFRIGERATION ACCESSORIES

- Hose cutters
- Clamp tools
- Filters and dryers
- Insulation sleeves



the manufacturers at your doorstep



PRODUCTS ASSEMBLY EQUIPMENT

ASSEMBLY EQUIPMENT

- Complete range of machines for OEM, workshop and field service applications
- Crimpers ranging from small hand operated to production large bore machines with 8" crimping capability
- Cutting machines
- Skiving machines
- Insert pushing machines
- Marking machines
- Pressure test machines
- Hose assemblies cleaning technologies











PRODUCTS FOR MINING UNDERGROUND AND OPEN PA



- ROCKMASTER, DIAMONDSPIR, XTRAFLOW
- Specific mining hoses for improved performance and reduced downtime
- Superior abrasion resistance lasts longer in demanding applications
- Flame resistance approved and internationally certified
- Higher temperature resistance up to 121°C for all wire spiralled range
- Sizes up to 3" available in wire braid and wire spiral
- Working pressure up to 690 bar
- High environmental resistance

STAPLE-LOCK CONNECTORS AND ADAPTORS

- Male staple ends from DN06 (1/4") up to DN76 (3") conforming to DIN 20043 / NCB638 / BS6537 / SAE J1467.
- 90 / 135 degree staple hose inserts and stainless steel inserts are available on request
- High performance male staple ends from DN12 (1/2") up to DN63 (2.1/2") and Flushfit male and female staple hose inserts for both standard and high performance application from sizes DN40 (1.1/2") up to DN76 (3")

POCA-MARCOOA

PRODUCTS FOR OIL & GAS ONSHORE AND OFFSHORE DRILLING

HIGH PRESSURE HOSES

- Rotary and vibrator hose
- Cement hose
- Grease injection hose
- Blow-out preventer hose
- Choke and kill hose
- Motion compensator hose
- Bulk material transfer hose

HIGH PRESSURE DRILLING HOSE CONNECTORS

- Interlock crimped fittings with welded termination ends
 - Hammer Union
 - API Flange
 - ASME Flange
 - Male Fitting
 - ISO 6164 Flange

DRILLING QUICK COUPLINGS AND ACCESSORIES

- Manuli Q-Safe BOP quick connect couplings
- Manuli Q-Safe Flat Face quick connect couplings



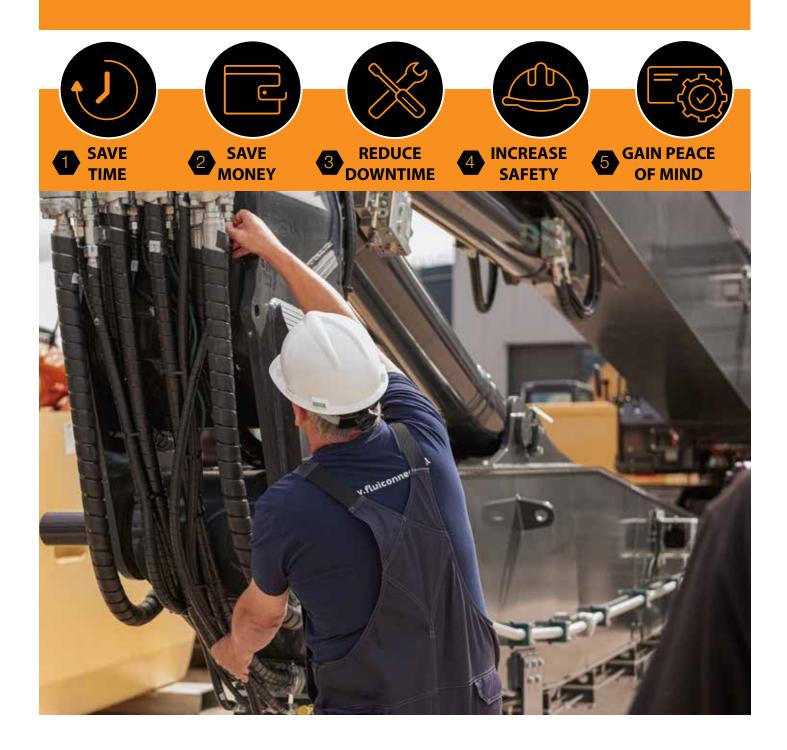
PROFESSIONAL SERVICES

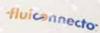




5 REASONS WHY

As a trusted partner, Fluiconnecto will tailor solutions to your specific needs and help you:





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WE KEEP IT RUNNING





MANULI RYCO www.manuliryco.com



