



**HYDRAULIC**  
SYSTEMS

More than

**30**  
years



**Value & Innovation,  
Future in Motion.**



With over **30 years** of leadership in the market providing to our partners cost-effective, reliable and sustainable solutions for longer component life cycles.

We specialize in the **manufacturing and remanufacturing** of customized state-of-the-art hydraulic cylinders engineered to meet the toughest requirements. Qualified automated welding processes in high-tech materials. Manufacturing and reengineering of mechanical parts through high precision **CNC** lathe machining centers and engineering of Sealing solutions with custom manufacturing through **SKF SEALJET** technology.

In addition, we offer advanced solutions for directional drilling tools and artificial lift systems in the oil sector.

## Sectors



Oil & Gas



Maritime and Ports



Mining



General Industry



Renewable Energy



# General Information

Founded in  
**1993**

- Imports framework including **free trade zone services.**

- Strategically located in Barranquilla, Atlántico, Colombia with **access to main ports and highways.**

- Sustainability program implemented since 2019 under the 3 pillars: **Economic, environmental and social.**

Plant facility

**230**  
Employees

**12000**  
Square meters

**1760**  
Solar panels  
installed

**30%** of energy  
consumption



CO-SC3015-1



CO-05-CER147239



CO-SA-CER558100





# Products and Services



## Robotized and Specialized Coating Solutions

Design, application and certification of highly engineered coatings, through robotic processes (HVOF), guaranteeing high international standards, providing as high resistance to corrosion, abrasion, and erosion without modifying the properties of the base material.



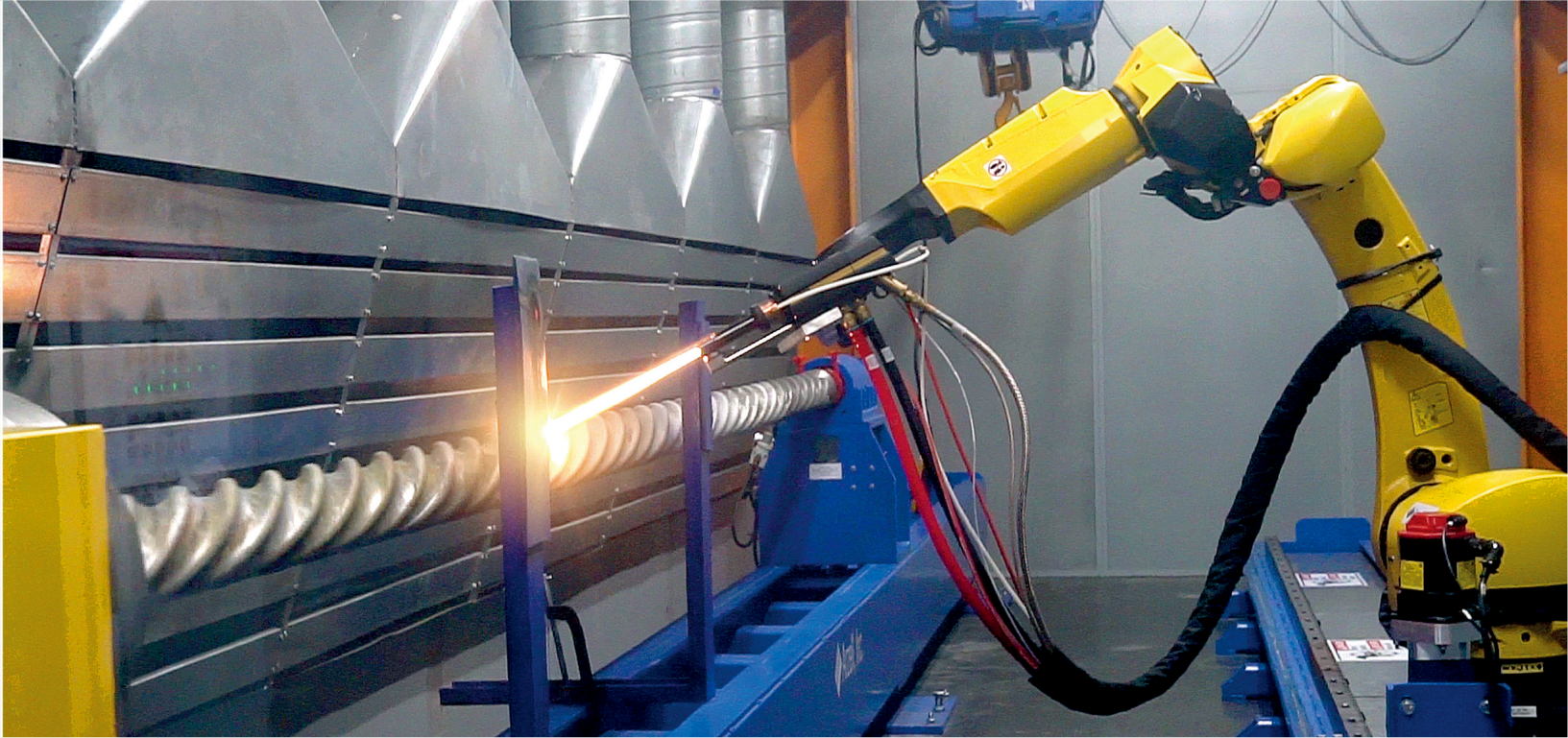
## Manufacturing and Repair of Hydraulic and Pneumatic Cylinders

Dimensional manufacture according to our specialized engineering designs and dimensional refurbish that meets the original equipment manufacturing (OEM) of complex, critical and high dimension cylinders. Our products are manufacture based on the highest global standards, and the cutting-edge CNC technology high precision machining, customized technical sealing solutions, long lasting hard chrome plating and Robotized High Velocity Oxygen Fuel coatings (R-HVOF).



## High Precision Machining of Components and Parts

Manufacturing and reengineering of mechanical parts through high precision CNC lathe machining centers, and surface grinding equipment complying with strict metrological techniques, thus achieving diametric tolerances of up to 30 microns.



## Special Welding Solutions

Repair and remanufacturing of components meeting with high international standards, qualified welding processes and high-tech materials such as Inconels, Monels and martensitic super alloys using automated and semi-automated, welding equipment.



## Customized Sealing Solutions

Engineering of Sealing solutions with custom manufacturing through SKF SEALJET technology and certified raw materials that allow us to offer the following added values: Reduction in manufacturing and delivery times, great sealing efficiency with minimal friction and wear, extension of lifetime of components; thus achieving up to 5 times greater abrasion resistance and 3.5 times greater shear strength as compared to standards original seals.



## Field Services

Technical specialized assistance and assessment services of projects that involve engineering design, dimensional controls, and specialized coatings using HVOF technology. Additional services include planned and emergency installation / removal / inspection / maintenance of hydraulic components (including fluid dialysis), on-site sealing solutions, onsite machining, 3D Scanning and records of dimensional measurements for the manufacture and / or repair of cylinders / components, application of torque (up to 3500 lb.\*ft) on site, oil sampling for SOS analysis.



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More than

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 SECTORS

**OIL & GAS**

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**MARITIME AND PORTS**

**+57 316 527 5296**

**INDUSTRY**

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WEBSITE