



# FAGOR SOLUTIONS FOR AN ENERGY INDUSTRY IN TRANSFORMATION

**FAGOR**  
AUTOMATION



Open  
to your  
world



FAGOR THREADING &

## Oil & Gas and Mining

Fagor CNC systems provide the best solutions for machining and repairing pipes, valves, and threads. Our specialised threading cycles are engineered to meet industry standards, delivering precision, reliability, and efficiency in every application.



FAGOR NUMERIC CON

## Wind Power

Empower your wind energy manufacturing with Fagor CNC. Fagor CNC enhances machining and repair processes for rings and flanges used in onshore and offshore wind towers. Boost production quality, optimise repair work, and achieve higher performance with our advanced CNC technology.



FLEXIBILITY, ADAPTABIL

## Retrofit

Upgrade your machinery quickly and cost-effectively with a Fagor retrofit. Increase productivity, reduce manufacturing costs, and extend your equipment's life — all while maintaining the mechanical integrity of your machine.

# THREAD REPAIR SOLUTIONS

## Experts in Threading

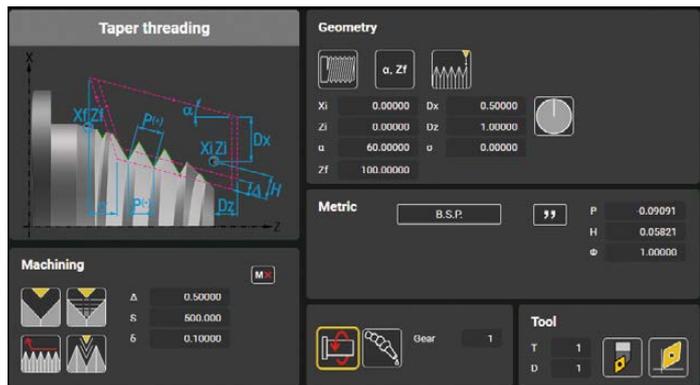
Fagor CNC offers complete threading cycles for external, internal, and face threads, including:

- Thread repair with penetration steps and multi-entry options
- Flexible in-face threading with adjustable start/end points
- Lathe-type threading for standard and blind threads
- Roughing by segments in profile turning cycles

## Fagor Threading Cycles

Fagor CNC provides comprehensive solutions for machining free-pitch and standard threads, compatible with all major thread families:

**Metric (SI) | Whitworth (BSP) | National Pipe (NPT) | Unified National (UNC/UNF).** Also supports: **API, BTC, XC, PREMIUM,** and other specialised thread standards.



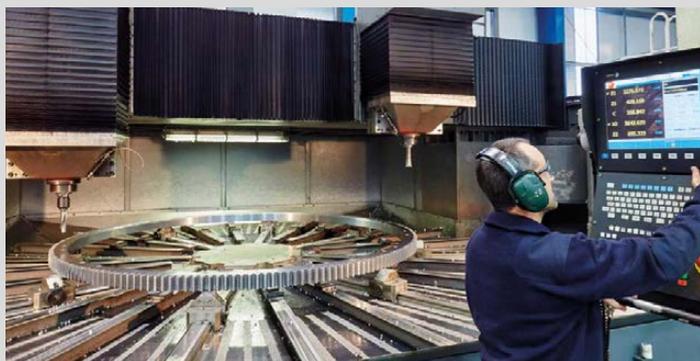
# CONTROL & FEEDBACK SYSTEMS

## Precision Engineering for Industry

Backed by TÜV-certified quality, FAGOR AUTOMATION designs and manufactures CNC and feedback systems that power high-performance machine tools across global industries.

- **Vertical lathes** for rings, flanges, and bearings
- **Horizontal lathes** for tubing and complex parts
- **Milling, boring mills, bridge-port machines** for large parts
- **Grinding machines** for diverse industrial applications

Engineered for accuracy, reliability, and long-term stability — even under the most demanding conditions.



# QUALITY, AND CAPABILITY WITH FAGOR

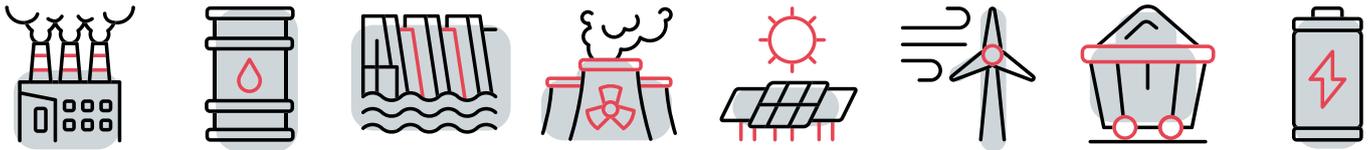
## Smart Retrofitting

FAGOR AUTOMATION solutions modernise your machinery with:

- Seamless analog and digital regulation integration
- Modular rebuilding while keeping existing servo motors or drives
- Upgrade only the CNC, preserving other key components
- Mechanical slack compensation installing new feedback systems
- Full retrofit with new wiring and complete component replacement

**The result: modern performance, lower costs, and extended machine lifespan.**





## Trusted Technology. Proven Performance.

For over 45 years, FAGOR AUTOMATION has been a leading global supplier of CNC systems, servo motors, drives, power supplies, and linear & angular encoders. Our deep industry expertise and commitment to innovation make us a trusted partner for manufacturers worldwide.



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**CANADA**  
**MEXICO**  
**UNITED STATES**

**A M E R I C A**



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**CHINA**   **SOUTH KOREA**  
**INDIA**   **TAIWAN**  
**JAPAN**   **UAE**

**A S I A / P A C I F I C**



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**FRANCE**   **SOUTH AFRICA**  
**GERMANY**   **SPAIN**  
**ITALY**   **TURKEY**

**E M E A**

## Global Presence, Local Support

At FAGOR AUTOMATION, we believe proximity is key to service excellence. With a strong international network of offices and service centres, our expert teams provide technical support, training, and personalised assistance — wherever your machines operate.



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