



Machining, Welding, Painting,  
Assembly and Turnkey Solutions



# About Forte

Forte delivers high-precision solutions in machining and the energy sector.

Strong CNC machine park capable of handling large-scale components.

In addition to machining: welding, painting, and assembly capabilities for finished products.

Our priority: reliability, precision, and on-time delivery.

## Machine Park Overview

High tonnage and micron-level precision machining capacity

Wide range of horizontal / vertical CNC machines and boring mills

5-axis simultaneous machining capability

Flexibility from prototype to mass production

Industrial reliability for heavy industry and energy sector needs



# Tos Kurim Double Column 5-Axis Simultaneous

X Travel: 5000 mm

Y Travel: 2400 mm

Z Travel: 1100 mm

B Axis: 210°

C Axis: 360°

Table Size: 6000 x 2400 mm

Large-scale parts with high-precision 5-axis machining



# Fermat WFT 13 CNC Boring Mill

Spindle Diameter: 130 mm

Table Size: 1800 x 2200 mm rotary

X:4000mm | Y:2500mm | Z:1600mm

Spindle Power: 37 kW

Heavy-duty parts, molds, and energy equipment machining



# Chiron FZ18S High-Speed Machining Center

X:750mm

Y:400mm

Z:425mm

High-speed precision machining for  
molds and series production



# Chiron FZ12S CNC Machining Center

X:500mm

Y:300mm

Z:425mm

Efficient series machining for medium-sized parts



# CNC Lathe – Okuma LR45

Max Turning Diameter: 675 mm

Turning Length: 1250 mm

Chuck Size: 15 inch

Precision turning of large-diameter heavy  
industry components

# CNC Lathe – DMTG TTH8

Max Diameter: 600 mm

Max Length: 1500 mm

High-precision turning of shafts and  
flange-type parts





# Welding Capabilities

**MIG/MAG Welding:** Efficient, strong structural welds

**TIG (Argon) Welding:** Clean, precise, and aesthetic welds

**Laser Welding:** Advanced technology with minimal distortion

Ideal for machine frames, high-strength assemblies, and precision parts



# Painting and Assembly

Modern painting facilities ensuring durable surface quality

Complete mechanical assembly capabilities

Turnkey products ready for delivery

Comprehensive quality assurance processes



**MOTION  
CONTROL**

## Group Company: Adeptek

Siemens Solution Partner expertise in  
automation and electrical

Electrical panels, drive systems, PLC,  
HMI, and SCADA integration

Full integration of mechanical and  
electrical production

Providing panel manufacturing, electrical  
assembly, and commissioning



# Project-Based Manufacturing

At Forte, by using Siemens NX for design and machining simulations, we ensure precise, reliable, and production-ready solutions from concept to the final product.

**Flexibility:** Prototypes, single-piece, or series production

**Collaboration:** Direct trials and validation with customers

**Process Management:** From design to finished product, we manage the entire process

**Reliability:** Tested, proven, and customer-focused solutions



# Forte Advantages

**Engineering Competence:** Experienced technical team

**Precision:** Micron-level measurement and quality control

**On-Time Delivery:** Strong planning and execution

**Integrated Production:** Machining, welding, painting, assembly, and electrical

**Trust:** High standards and long-term partnership approach

**We'd love to hear from you.**

We are here to answer any question you may have.

FIND US

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