



INVESTING IN
MANUFACTURING
EXCELLENCE



EMEK S.A. invests in advanced 60kW CNC Fiber Laser cutting technology

EMEK S.A. continues its strategic path toward technological modernization by strengthening its mechanical equipment with the acquisition of a **high-power CNC Fiber Laser Cutting Machine LD 18040 / 60kW**. This investment is part of the company's broader plan to enhance its production capacity and support the execution of projects with increased technical complexity across the **energy, infrastructure, and heavy industry** sectors.

The new machine features a **cutting area of 18,000 × 4,000 mm**, a **60 kW Raycus fiber laser source**, and a **BOCI BLT4122 cutting head**, enabling **bevel cutting up to 45° across five axes (V, Y, X, K)**. High positioning accuracy (± 0.03 mm) and repeatability (± 0.02 mm), combined with a **table load capacity of up to 35 tons**, allow for the cutting of thick plates with exceptional quality. The system is supported by advanced automation (FSCUT 9100 - EtherCAT), INOVANCE servo motors, industrial fume extraction, and high-capacity cooling, ensuring stability, reliability, and continuous operation under demanding industrial conditions.

With the addition of the new CNC Fiber Laser, EMEK significantly enhances its **competitiveness**, reduces production lead times, and increases flexibility in delivering complex, high-specification metal structures. This investment reaffirms the company's commitment to **technical excellence, precision, and innovation**, providing partners and clients with solutions that meet the most demanding international standards.