

FICEP TIPO A31 — TECHNICAL DATASHEET

General Information:

- Machine Type: CNC Thermal Cutting and Drilling Machine
- Applications: Steel structure manufacturing (bridges, transmission towers, industrial platforms, ships).

Key Technical Specifications:

- Working Area:
 - Width: up to 3,100 mm
 - Length: up to 12,000 mm
- Material Thickness:
- Steel plate up to 130 mm thick
- Drilling:
- Number of Drilling Heads: 2
- Maximum Drill Diameter: 40 mm
- Plasma Cutting:
- Thickness: up to 32 mm (with plasma)
- Power Source: Hypertherm (XPR170, XPR300, or HPR400XD)

- Oxy-fuel Cutting:
- Thickness: up to 130 mm
- Operations:
- Drilling, marking, threading, plasma cutting, oxy-fuel cutting
- Tool Changer: 6 or 12 tool positions (CNC-controlled)
- Motion Speeds:
- Longitudinal/Transversal: up to 30 m/min
- Marking System:
- 38 marking positions for identification or coding
- Safety & Extraction:
- Fume extraction with filtering system in compliance with health and safety standards