

# FROM HARD TO ART

## THE NEW CUTFIRE SERIES

PROFESSIONAL PERFORMANCE  
WITH EVERY CUT



**Kjellberg**<sup>®</sup>  
**FINSTERWALDE**

  
**CUTFIRE**

**MAKE THE  
BEST CUT**

# CUTFIRE

## Mobile plasma cutting technology for workshops and industry

The CUTFIRE series comprises six mobile air plasma cutting systems ranging from 35 to 125 A for hand-held and mechanised cutting applications.

Whether in the workshop, on the production line, during maintenance work or on site – the systems deliver precise cutting results on steel, stainless steel and aluminium. From the compact 35 A unit to the high-performance 125 A system, the CUTFIRE series offers the right solution for almost any hand-held or mechanised cutting application.

From 45 A upwards, the systems come as standard with a CNC interface and an integrated marking function.

This allows flexible mobile use as well as integration into CNC cutting tables and automated manufacturing processes.

The CUTFIRE adapts to your requirements – from workshop applications to production.

## Robust technology for everyday use

The compact industrial design combines mobility with high durability. High-quality KjellCut torches ensure reliable ignition, a stable arc and high cutting quality.

The digital pressure control and long service life of the consumables ensure consistently high cutting quality and reliable system operation.

Continuous monitoring of input voltage, input current, temperature and gas flow enhances operational safety. If the gas pressure falls below the required minimum, the system automatically stops the cutting process, thereby protecting the torch.



# MAKE THE BEST CUT.

## The next generation of mobile plasma cutting systems

### **Cost-effective in daily use**

Automatically optimised cutting parameters, compressed air as the process gas and the long service life of the consumables form the basis for low operating costs and cost-effective system operation.

The high process stability ensures consistent cut quality and reproducible results across the entire range of applications. This makes the CUTFIRE particularly suitable for cost-effective use in metal fabrication, steel construction, production, and repair and maintenance work.

### **Intuitive operation. Optimal process support.**

The multilingual colour display with a robust rotary knob enables quick and intuitive operation of the CUTFIRE. Once the material, material thickness and cutting mode have been selected, the system automatically determines the optimum process parameters for cutting current, cutting pressure and cutting speed. Automatic adjustment for quality or severance cuts ensures reproducible cutting results.

The control system automatically recognises the connected KjellCut torch and takes the torch type and hose assembly length into account when setting the cutting current and cutting pressure.

Status and error messages are shown directly on the display and are accompanied by brief recommendations for action. In addition, information on the configuration of the torch connection and the CNC interface is available directly on the display. German and English, as well as metric and imperial units, can be selected.

### **Versatile applications. Maximum flexibility.**

The CUTFIRE is suitable for the precise cutting of sheet metal, profiles and pipes, as well as for grating cutting, marking and gouging.

Its compact design and compressed-air operation make it ideal for mobile hand-held cutting applications as well as for use on CNC cutting tables and in automated manufacturing processes.

**CUTFIRE** – powered by Kjellberg





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