

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

Engineering

Cutting

Welding



# K 200

## JUST CUTTING.

PLASMA CUTTING 1 - 60 mm

[kjellberg.de](http://kjellberg.de)



# K 200

## JUST CUTTING.

The K 200 offers exactly what plasma cutting is all about: optimum and reliable plasma cutting quality with easy operation at lowest cost.

The power source cuts with oxygen, air and nitrogen and provides a marking function. Integrated automatic gas control and direct torch connection simplify installation and maintenance of the system. Important data and parameters, as well as cutting data sets in the material thickness range from 1 - 60 mm can be intuitively accessed, selected and adjusted up to a maximum of 200 A.

### Focus on what matters most

- ✓ Optimum and reliable cutting results
- ✓ Low investment and operating costs
- ✓ Simple installation, control and maintenance



### Operating Modes of the Power Source

The plasma system can be operated in CNC mode via the serial interface (RS485).

On guiding systems without a serial interface, the K 200 can be operated using the K-Desk app.

K-TORCH

MANUAL PLASMA CUTTING

## Plasma Torches for best Cutting Results

- ✓ Machine torch K-Torch with direct connection and easily demountable shaft
- ✓ Quick-change torch K-Torch QC for easy change of consumables
- ✓ Hand torch K-Torch M for manual plasma cutting and gouging

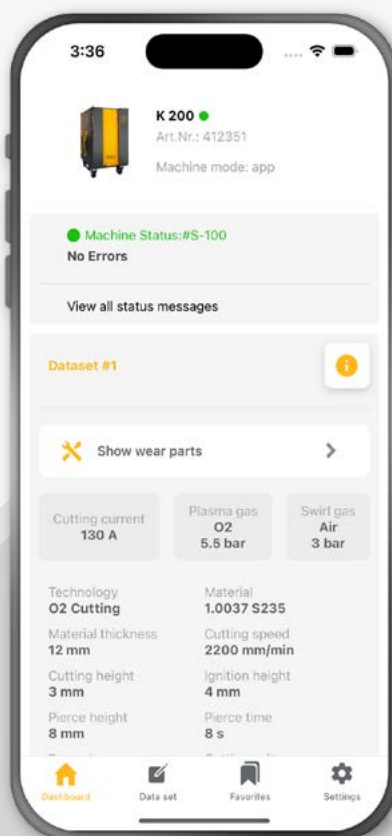
## K-Desk App

The K 200 can be controlled and monitored via smartphone. It can be connected via cable or optional by USB WLAN stick

The K-Desk app is available to download from both the Google Play Store and the Apple App Store.



K-DESK APP



- ✓ Intuitive menu-driven user interface
- ✓ All process and cutting parameters at a glance
- ✓ Individual selection and adjustment of cutting parameters

## Technical Data

K 200

Cutting current (100 % DC <sup>1</sup> )	60 - 200 A
Marking current (100 % DC <sup>1</sup> )	35 A

Cutting range		
Mild steel	O <sub>2</sub> /Air	Air/Air
	Maximum	50 mm
Piercing	O <sub>2</sub> /Air	Air/Air
	Maximum	35 mm
Stainless steel	N <sub>2</sub> /N <sub>2</sub>	Air/Air
	Maximum	50 mm
Piercing	N <sub>2</sub> /N <sub>2</sub>	Air/Air
	Maximum	30 mm
Aluminum	N <sub>2</sub> /N <sub>2</sub>	Air/Air
	Maximum	50 mm
Piercing	N <sub>2</sub> /N <sub>2</sub>	Air/Air
	Maximum	30 mm





Plasma gases	O <sub>2</sub> , N <sub>2</sub> , Air
Swirl gases	N <sub>2</sub> , Air
Marking gas	Air

Dimensions (LxWxH)	1078 x 684 x 1231 mm
Mass	351 kg
Fuse, slow	80 A
Mains voltage <sup>2</sup>	3x 400 V 50 Hz
Max. connected load	52 kVA
Protection class	IP 21S

Extract Cutting speeds		
Mild steel 10 mm	O <sub>2</sub> Cutting 130 A	2900 mm/min
	Air Cutting 130 A	2700 mm/min
Mild steel 20 mm	O <sub>2</sub> Cutting 200 A	1750 mm/min
	Air Cutting 200 A	1500 mm/min
Stainless steel 10 mm	N <sub>2</sub> Cutting 130 A	1900 mm/min
	Air Cutting 130 A	1800 mm/min
Stainless steel 20 mm	N <sub>2</sub> Cutting 200 A	1200 mm/min
	Air Cutting 200 A	1500 mm/min
Aluminium 12 mm	N <sub>2</sub> Cutting 130 A	1800 mm/min
	Air Cutting 130 A	1800 mm/min

<sup>1</sup> Ambient temperature 40 °C

<sup>2</sup> Other voltages and frequencies on request





Kjellberg Finsterwalde, , , , silent , Kjellberg, Q-Torch, Q-Hole, Smart Focus, HiFocus, Contour Cut, PerCut, CUTi and GreenLine are trademarks of Kjellberg Foundation registered in the European Union and possibly other countries.n.

## Contact

Kjellberg Finsterwalde Plasma und Maschinen GmbH

Oscar-Kjellberg-Str. 20 | 03238 Finsterwalde | Germany | ☎: +49 3531 500-0 | 📠: +49 3531 500-299

sales@kjellberg.de | Copyright © 2024 Kjellberg Finsterwalde

    Connect with Kjellberg – Always on!



10109124



Subject to change without prior notice.