

Kjellberg
CUTTING



K 200

JUST CUTTING.

PLASMA CUTTING 0.036 - 2 3/8 INCHES



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 0.036 - 2 3/8 inches 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 RS-485.

For CNC guidance 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 and K-Torch MS for manual plasma cutting and gouging
- ✓ Compact robotic torch K-Torch XS Robo for robot-guided plasma cutting

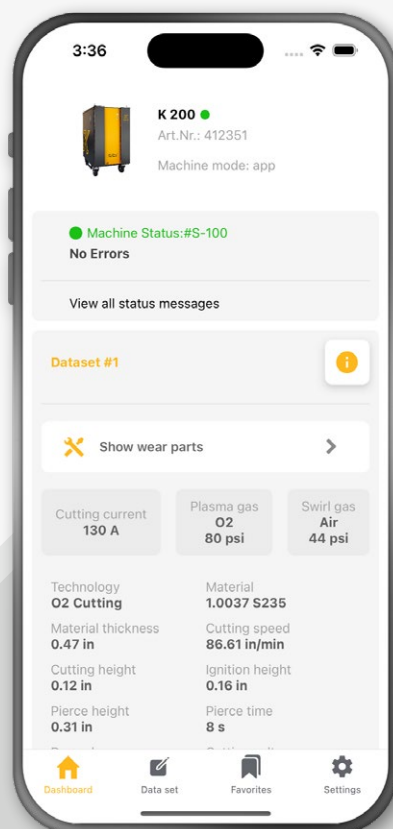
K-Desk App

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 % d.c. ¹)	60 - 200 A	
Marking current (100 % d.c. ¹)	35 A	
Cutting range		
Mild steel Maximum Piercing	O ₂ /Air 2 3/8 in 1 3/8 in	Air/Air 2 3/8 in 1 3/8 in
Stainless steel Maximum Piercing	N ₂ / N ₂ 1 5/8 in 1 in	Air/Air 2 3/8 in 1 1/4 in
Aluminum Maximum Piercing	N ₂ / N ₂ 1 5/8 in 3/4 in	Air/Air 2 in 1 1/4 in
Plasma gases	O ₂ , N ₂ , Air	
Swirl gases	N ₂ , Air	
Marking gas	Air	
Dimensions (LxWxH)	43 x 27 x 49 in 1078 x 684 x 1231 mm	
Mass	774 lbs/351 kg	
Fuse, slow	80 A	
Mains voltage ²	480 VAC 3 Phase, 60 Hz	
Max. Connected load	52 kVA	
Protection class	IP 21S	
Extract		
Cutting speeds		
Mild steel 3/8 in O ₂ Cutting 130 A Air Cutting 130 A	114 in/min 106 in/min	
Mild steel 3/4 in O ₂ Cutting 200 A Air Cutting 200 A	69 in/min 59 in/min	
Stainless steel 3/8 in N ₂ Cutting 130 A Air Cutting 130 A	75 in/min 71 in/min	
Stainless steel 3/4 in N ₂ Cutting 200 A Air Cutting 200 A	47 in/min 59 in/min	
Aluminum 1/2 in N ₂ Cutting 130 A Air Cutting 130 A	71 in/min 71 in/min	

¹ Ambient temperature 40 °C/104 °F

² Other voltages and frequencies on request

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