

Kjellberg
CUTTING



K 200

JUST CUTTING.

PLASMA CUTTING 0.036 - 2 3/8 INCHES



K 200

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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 (RS485).

For CNC guidance systems without a serial interface, the K 200 can be operated using the K-Desk app.



K-TORCH



MANUAL PLASMA CUTTING

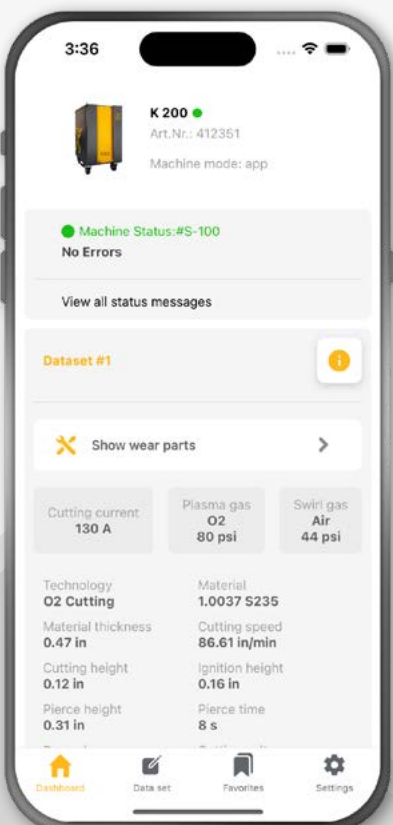
Plasma Torches for best Cutting Results

- ✓ 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 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.



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



K-DESK APP

Technical Data

K 200

Cutting current (100 % d.c.¹) 60 - 200 A

Marking current (100 % d.c.¹) 35 A

Cutting range

	O ₂ /Air	Air/Air
Mild steel		
Maximum	2 3/8 in	2 in
Piercing	1 3/8 in	1 3/8 in
Stainless steel		
Maximum	N ₂ / N ₂ 1 5/8 in	Air/Air 2 in
Piercing	1 in	1 1/4 in
Aluminum		
Maximum	N ₂ / N ₂ 1 5/8 in	Air/Air 2 in
Piercing	3/4 in	1 1/4 in

Plasma gases O₂, N₂, Air

Swirl gases N₂, 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 voltage² 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	114 in/min
Air Cutting 130 A	106 in/min
Mild steel 3/4 in	
O ₂ Cutting 200 A	69 in/min
Air Cutting 200 A	59 in/min
Stainless steel 3/8 in	
N ₂ Cutting 130 A	75 in/min
Air Cutting 130 A	71 in/min
Stainless steel 3/4 in	
N ₂ Cutting 200 A	47 in/min
Air Cutting 200 A	59 in/min
Aluminum 1/2 in	
N ₂ Cutting 130 A	71 in/min
Air Cutting 130 A	71 in/min

¹ Ambient temperature 40 °C/104 °F

² Other voltages and frequencies on request

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