Kjellberg CUTTING

K 200

JUST CUTTING.

PLASMA CUTTING 0.036 - 2 3/8 INCHES

100 YEARS KJELLBERG MADE IN GERMANY

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 (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

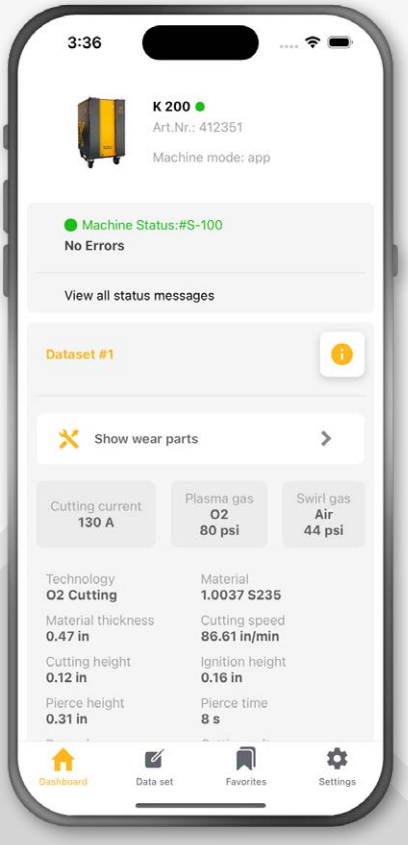
The K 200 can be controlled and monitored via smartphone. It can be connected via cable or optional by USB WLAN stick

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

GET IT ON Google Play

Download on the 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	**O_2/Air**	**Air/Air**
Maximum	2 3/8 in	2 in
Piercing	1 3/8 in	1 3/8 in
Stainless steel	**N_2/ N_2**	**Air/Air**
Maximum	1 5/8 in	2 in
Piercing	1 in	1 1/4 in
Aluminum	**N_2/ N_2**	**Air/Air**
Maximum	1 5/8 in	2 in
Piercing	3/4 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		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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Kjellberg FINSTERWALDE, Smart Focus, HiFocus and PerCut are trademarks of Kjellberg Foundation and registered with the U.S. Patent and Trademark Office.

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