

KempGouge ARC 800

Mobile, heavy duty carbon arc gouging power



Energy efficient

- Designed specifically for carbon arc gouging
- Extremely power efficient
- Compact and easy to move
- Panel or remote current adjustment

Applications

- Shipyards
- Metal fabrication workshops
- Foundries

The heavy-duty gouging specialist

KempGouge offers 800 amps of gouging power with 50% duty cycle. The characteristics curve is specifically designed for carbon arc gouging, so gouging properties are optimised and noise levels kept very low. Package includes power source, control panel, and transport unit for easy mobility. KempGouge lets you open roots or faulty welds, prepare welding grooves, cut metals, pierce holes, clean casts and remove excess metal.

KempGouge ARC 800 gives productivity and convenience to gouging work. When equipped with the optional R10 remote control unit, gouging current adjustment can be made directly from the work site, removing the need to move between the work piece and the power source. The carbon arc gouging electrode holder GT4000 is designed for use with the KempGouge and suits either round or flat electrodes. The air pressure used for gouging can be adjusted via the control mounted on the holder itself.

KempGouge ARC 800 is a fast, effective, and safe way to:

- Open root welds
- Remove faulty welds and cracks
- Prepare welding grooves
- Cut metal
- Pierce holes



KempGouge ARC 800 makes easy work of carbon arc gouging tasks.

Technical specifications

| KempGouge™ ARC 800 | | |
|-----------------------------|--------------|------------------------|
| Connection voltage | 3~, 50/60 Hz | 400 V, -15...+20 % |
| Rated power at max. current | 50 % ED | 44 kVA |
| Output | 50 % ED | 800 A/44 V |
| | 100% ED | 600 A/44 V |
| Fuse | | 63 A delayed |
| Welding range | | 20 A/20 V...800 A/44 V |
| Connection cable | H07RN-F | 4G16 (16 mm) |
| Open circuit voltage | | 50 V |
| Power ratio at 100 % ED | | 0.9 |
| Efficiency at 100 % ED | | 0.90 |
| External dimensions | L x W x H | 700 x 660 x 1400 mm |
| Weight with transport unit | | 115 kg |

Ordering information

| Power Sources (excluding mains connection cable) | |
|--|-----------|
| KempGouge ARC 800 (includes transport unit) | 6284000 |
| Connection cable | |
| 4X16MM2 5m | W000869 |
| 4X16MM2 10m | W003408 |
| Gouging electrode holder | |
| GT 4000 with 2.1 m cable | 6285400 |
| Remote control units | |
| R10 5 m | 6185409 |
| R10 10 m | 618540901 |
| Remote control extension cable for R10 10 m | 6185481 |



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KempGouge ARC 800 can be equipped with a R10 remote control unit, which enables gouging current adjustment directly from the work site.



A mobile, heavy duty carbon arc gouging power source for multiple type metals removal and cutting tasks.