

TOUGH JOB

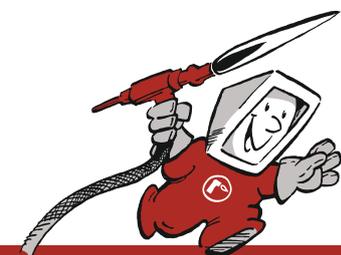
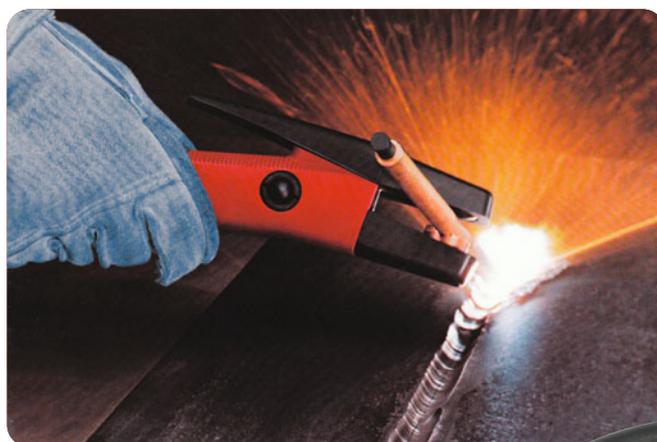
Carbon arc gouging torches

Carbon arc gouging is done with manual electrode holders to **remove defect welding seams** or to make **welding preparations**.

Metal parts may be **shaped** in the desired form and **cut**.

The advantages:

- **Cheaper processing** against oxy-fuel gouging
- Ideal for **heavy metal** pieces
- **Manouvrable through 360°** swivel cable



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The carbon arc gouging torches

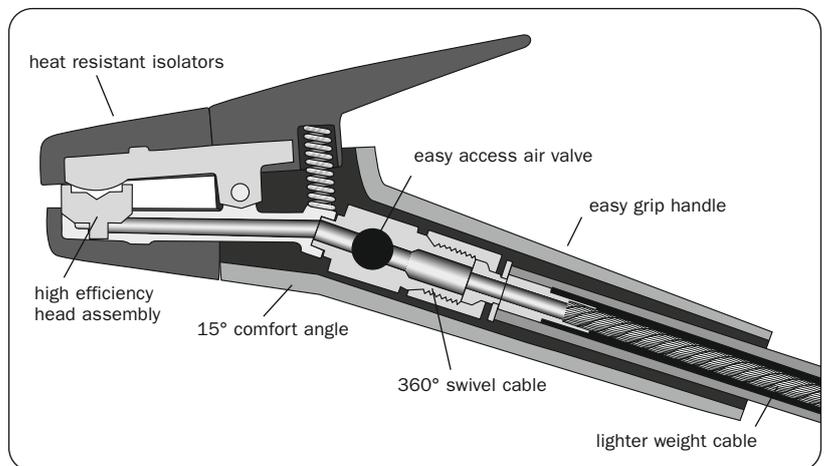
The process of carbon arc gouging can easily be applied in many fields of metal working industry. Any skilled weldor with the right electrode diameter, enough electrical power and with the appropriate compressed

air can finish the job. The high arc voltage (40 V) and the big volume of compressed air (800–1000 l/min at 8–10 bar) remove the welded metal rapidly and effectively.

We supply 3 types gouging torches:

- **KR3** up to **600 Amp**, straight model
- **KR4000** up to **1000 Amp**, with ergonomic, 15° angled head enables flat position of the handle
- **KR5** up to **1500 Amp**, straight model, for heavy work

All models provide for 360° swivel cable.



The available carbon electrodes

Copper coated electrodes for different applications:

- Round copper coated carbon electrodes up to 13 mm (DC)
 - Jointed copper coated electrodes up to 25 mm (DC)
 - Flat copper coated electrodes 10 x 4 mm and 16 x 5 mm
- Jointed electrodes avoid loss of electrode stub.

Copper coated, pointed



Copper coated, jointed



Copper coated, flat



Capacity / electrode diameter

Electrode diameter (mm)	round electrodes									flat electrodes	
	4	4,8	6,4	8	9,5	12,7	15,9	19	25,4	10 x 4	16 x 5
min. amp DC	90	200	300	350	450	800	1.000	1.250	1.600	250	300
max. amp DC	150	250	400	450	600	1.000	1.250	1.600	2.000	450	500