

# GLOOR

portable  
flame cutting machines



# SFII - SMALL BUT VERY EFFICIENT

The concept we had in mind for the SFII was simple : an efficient flame cutting machine to offer both - maximum operational comfort and the latest state of technology. With our SFII these requirements are fully met: a very light-weight handy flame cutting machine, easy to transport which guarantees ease of operation with the very best results.

Its advantages at one glance:

- Forward/backward movement
- Gearless and very accurately adjustable speed control
- Digital speed indication
- Free run clutch for the easy positioning of the machine
- Compact and modern design, lightweight and handy
- Top cutting quality which renders any finishing treatment superfluous

## Standard equipment (Art. 7401)

The standard equipment includes all what you need for the oxygen cutting: a set of cutting nozzles (for acetylene or propane) with a cutting range from 3 to 100mm, nozzle cleaners and circle cutting attachment.

## Additional equipment

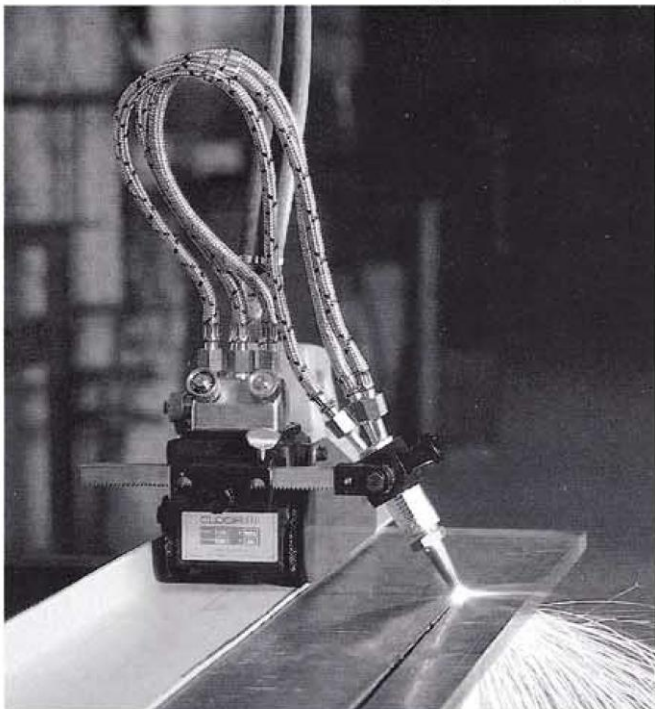
Special guide rails are available in two different lengths. For straight cuts however an ordinary angle iron will do the job as well.

Art. 7411 guide rail 1.5 m

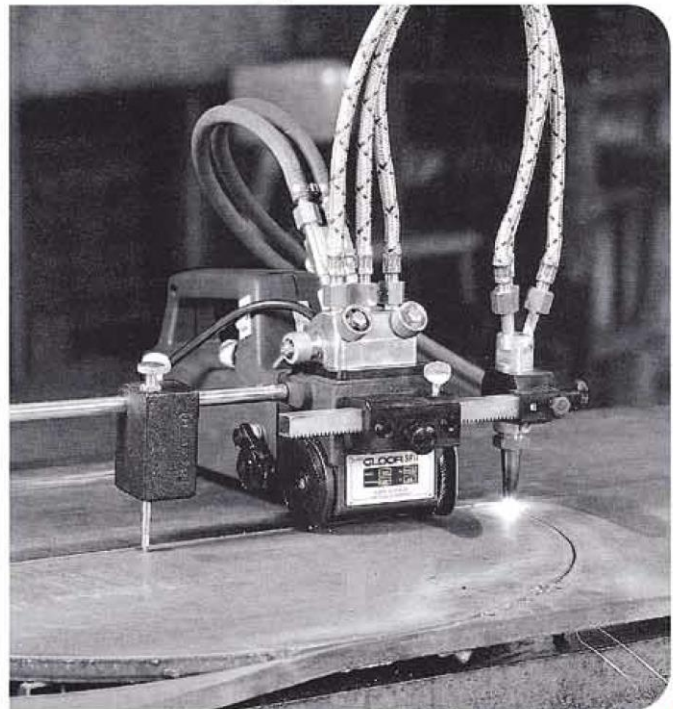
Art. 7412 guide rail 2.5 m

Art. 70142 gas economizer (with the gas economizer the gas supply may be interrupted at intervals without the necessity to readjust the flame after stopping).

*Straight cut with guide rail*



*Circle cut with circle cutting attachment*



# GLOOROMAT FOR HIGHER REQUIREMENTS

The GLOOROMAT is a high performance oxygen cutting machine that handles even exacting cutting jobs and cutting thicknesses without any problem .  
The GLOOROMAT may be equipped with a second cutting torch (unilateral or on both sides) and even in this execution the machine remains perfectly stable.

Its strengths and advantages:

- Digital speed indication
- Special clutch enables the simultaneous on/off switching of the drive motor and cutting oxygen
- High precision electronically controlled forward and reverse movement setting
- High performance cutting torch for highest cutting quality up to 300 mm thick
- Possibility to equip the machine with two cutting torches

## Standard equipment

- Art. 7103 GLOOROMAT oxygen cutting machine with one cutting torch
- Art. 7104 GLOOROMAT oxygen cutting machine with two cutting torches

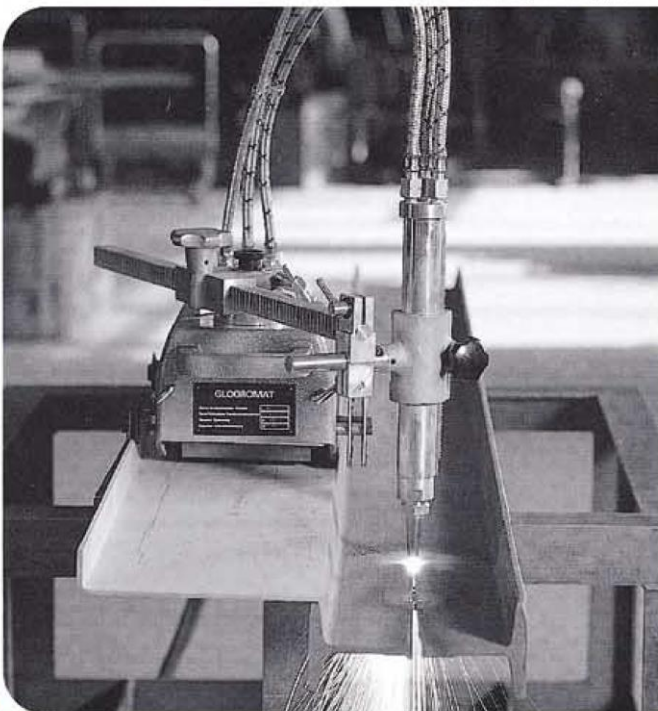
Both versions are supplied completely equipped, i.e. with a set of nozzle mix and therefore largely flashback proof GARANT cutting nozzles (for acetylene or propane) with a cutting range of 3 to 100 mm, nozzle cleaners, circle cutting attachment.

## Additional equipment

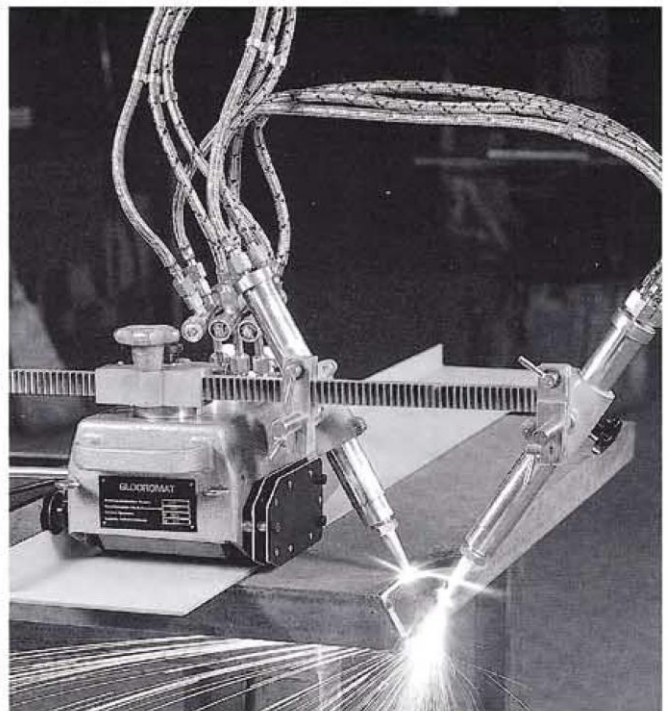
Guide rails are available in two different lengths. However the same as with the SFII for straight cuts an ordinary angle iron will handle the job as well.

- Art. 7110 guide rail 1.5 m
- Art. 7111 guide rail 2.5 m
- Art. 4715-17 GARANT cutting nozzles for acetylene (cutting range 100 to 300 mm)
- Art. 4735-37 GARANT cutting nozzles for propane (cutting range 100 to 300 mm)

*Cutting of supports*



*X-cut / welding groove preparation*

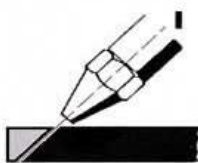


# SFII / GLOOROMAT COMPARISON

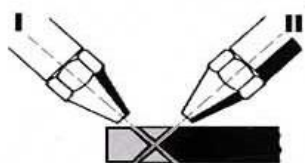
| Technical Data   | SFII                | GLOOROMAT           |
|--|---------------------|---------------------|
| Electronically controlled gearless speed setting           | X                   | X                   |
| Speed indication   | digital             | digital             |
| Movement   | 1 speed             | 1 speed             |
| Travel speed (mm/min.)                                     | 100–850             | 100–850             |
| Forward/backward movement                                  | X                   | X                   |
| Free run for easy displacement of the machine on workpiece | X                   | X                   |
| Cutting range (mm)   | 3–100               | 3–300               |
| Power (W)  | 30                  | 30                  |
| Voltage (V)  | 220                 | 220                 |
| on demand  | 110                 | 110                 |
| Gas mixing nozzles   | X                   | X                   |
| Fuelgas  | ac or pr            | ac or pr            |
| Weight   | 8.5 kgs             | 14.5 kgs            |
| Dimensions (HxW/W with torch x L)                          | 165 x 135/200 x 370 | 340 x 235/290 x 430 |

**Possible cuts** X = standard Z = auxiliary equipment

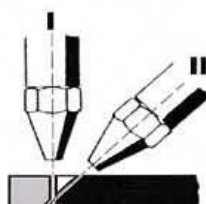
|  |     |     |
|--|-----|-----|
| Free guided form cut                       | X   | X   |
| Straight cut with guide rail               | X   | X   |
| Circle cuts (from mm)                      | 60  | 100 |
| Bevel cuts (V-cuts), torch pivotable up to | 45° | 90° |
| X/Y cuts                                   | –   | X   |
| K-cuts (2 torches)                         | –   | X   |
| Longitudinal cuts on profile supports      | Z   | X   |



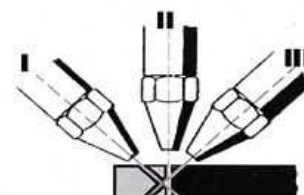
V-cut



X-cut



Y-cut



K-cut

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