

## TECHNICAL PRODUCT SPECIFICATION


**PRODUCT:** OX-AC WELDING AND CUTTING MINOR

**REFERENCE:** 105.00.000

### Construction characteristics:

|                               |   |                           |                 |
|-------------------------------|---|---------------------------|-----------------|
| <b>DESCRIPTION</b>            | Equipment for light performances. It contains all the necessary elements for welding and cutting with gases. Available in blister pack and case with accessories. |                           |                 |
| <b>GAS USED:</b>              | OXYGEN-ACETYLENE  |                           |                 |
| <b>APPLICATION STANDARDS:</b> | UNE-EN-ISO-5172   | <b>APPROVAL PASSWORD:</b> | NOT APPLICABLE  |
| <b>APPLICATIONS:</b>          | Professional boilerwork and bodywork jobs with small thicknesses and where great calorific powers are not necessary.  |                           |                 |
| <b>MATERIALS:</b>             | ACCORDING TO EN 29.539  |                           |                 |
| <b>Handle</b>                 | POLYAMIDE   | <b>Internal parts</b>     | BRASS CUZN39PB3 |
| <b>Adjustment wheels</b>      | ANODISED ALUMINIUM  | <b>Cutter</b>             | BRASS CUZN39PB3 |
| <b>Lances</b>                 | BRASS CUZN39PB3   | <b>Nozzles</b>            | COPPER          |

|                       |                 |               |               |
|-----------------------|-----------------|---------------|---------------|
| <b>INLET THREADS:</b> | HOSE CONNECTORS | <b>HOSE Ø</b> | Ø 6,3 - 8 mm. |
|-----------------------|-----------------|---------------|---------------|

| HANDLE WEIGHT:        | CONTAINER DIMENSIONS: |         |   | TORCH DIMENSIONS: |         |  |
|-----------------------|-----------------------|---------|---|-------------------|---------|--|
| 410 grams             | <b>L=</b>             | 325 mm. |  | <b>L=</b>         | 180 mm. |  |
| <b>CUTTER WEIGHT:</b> | <b>P=</b>             | 275 mm. |   | <b>H=</b>         | 60 mm.  |  |
| 360 grams             | <b>H=</b>             | 55 mm.  |   | <b>Ø=</b>         | 40 mm.  |  |

### Technical characteristics depending on nozzle:

| Reference  | Description         | Thickness | Cutting pressures      |                     | Welding pressures |                        |                     |
|------------|---------------------|-----------|------------------------|---------------------|-------------------|------------------------|---------------------|
|            |                     |           | P <sub>acetylene</sub> | P <sub>oxygen</sub> | Consump.          | P <sub>acetylene</sub> | P <sub>oxygen</sub> |
| 105.01.117 | Welding nozzle nº 1 | 0,4-0,8   |                        |                     | 50 l/h.           | <0,6 bar               | 1 bar               |
| 105.01.217 | Welding nozzle nº 2 | 0,8-1,5   |                        |                     | 70 l/h.           | <0,6 bar               | 1,5 bar             |
| 105.01.317 | Welding nozzle nº3  | 1,5-3     |                        |                     | 100 l/h.          | <0,6 bar               | 2 bar               |
| 105.01.417 | Welding nozzle nº4  | 3-4,5     |                        |                     | 150 l/h.          | <0,6 bar               | 2,5 bar             |
| 105.01.517 | Welding nozzle nº5  | 4,5-6     |                        |                     | 200 l/h.          | <0,6 bar               | 3 bar               |
| 105.01.617 | Welding nozzle nº6  | 6-8       |                        |                     | 400 l/h.          | <0,6 bar               | 4 bar               |
| 105.02.017 | Lance 2 nozzle nº5  | Ø22       |                        |                     | 400 l/h.          | <0,6 bar               | 4 bar               |