

## Technical Specification Sheet

# CUTi 90

90 Amp plasma cutting inverter with air cooled plasma torch. Only 17 kilos in weight. Recommended cutting range of up to 30mm material thickness (steel) and can go up to 35mm for a separation cut. 100% duty cycle at 55Amps.



|                          |               |                                         |
|--------------------------|---------------|-----------------------------------------|
| <b>Part Number</b>       |               | <b>.11.035.502</b>                      |
| <b>Connecting Power</b>  | <b>kVA</b>    | <b>15</b>                               |
| <b>Power Factor</b>      | <b>c phi</b>  | <b>0.85</b>                             |
| <b>Mains Voltage</b>     | <b>V</b>      | <b>3 x 400</b>                          |
| <b>Fuse, slow</b>        | <b>A</b>      | <b>32</b>                               |
| <b>OCV</b>               | <b>V</b>      | <b>320</b>                              |
| <b>Cutting current</b>   | <b>A</b>      | <b>26 – 90</b>                          |
| <b>Duty Cycle</b>        |               | <b>90 A – 40%</b><br><b>55 A – 100%</b> |
| <b>Separate Cut</b>      | <b>mm</b>     | <b>35</b>                               |
| <b>Recommended Range</b> | <b>mm</b>     | <b>30</b>                               |
| <b>Protection class</b>  |               | <b>IP 21 S</b>                          |
| <b>Insulation Class</b>  |               | <b>F</b>                                |
| <b>Temperature</b>       | <b>°C</b>     | <b>-10 ... +40</b>                      |
| <b>Cooling Type</b>      |               | <b>F</b>                                |
| <b>Plasma Gas</b>        |               | <b>Air</b>                              |
| <b>Consumption</b>       | <b>l/min.</b> | <b>195</b>                              |
| <b>External Pressure</b> | <b>bar</b>    | <b>5</b>                                |
| <b>Weight</b>            | <b>Kg</b>     | <b>17</b>                               |
| <b>Dimensions</b>        | <b>mm</b>     | <b>470x180x270</b>                      |

## The Multi-Purpose, High-Tech, Low Cost Solution

Messer Cutting Systems, Northumberland Business Park West, Dudley, Cramlington, Northumberland, NE23 7RH

Tel : 0191 2504610 Fax : 0191 2501471

Email : [Richard.Bennett@messer-cw.co.uk](mailto:Richard.Bennett@messer-cw.co.uk) Web : [www.messer-cw.co.uk](http://www.messer-cw.co.uk)

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