



# C42 Technical sheet

Icaro's cutters are conceived to cut iron bars of any size. Our machines are robust and efficient, capable of sustaining extended periods of work in any kind of environment, always guaranteeing peak performance. Their top quality internal mechanical components, made of 39-Chrome-Nickel steel, ensure our machines' unprecedented durability and strength over time.

The cutter's central gear is made out of one single piece of raw material, processed without any welding: each piece is assigned a serial number so as to guarantee traceability. Our machines are fitted with steel blades made especially for cold-working, and their special shape allows for reuse for four times.

They have passed very stringent quality checks that abide by ISO9001/2008 norms.



## Technical features

|                           |           |
|---------------------------|-----------|
| <b>WEIGHT kg</b>          | 600       |
| <b>MEASUREMENTS cm</b>    | 120x80x96 |
| <b>MOTOR (50Hz) kW/HP</b> | 3/4       |
| <b>MOTOR(60Hz) kW/HP</b>  | 3,6/5     |
| <b>rpm (50Hz)</b>         | 90        |
| <b>OIL Kg</b>             | 4         |

Our cutters are made abiding by CE standard European and worldwide regulations. Quality control on our machines comply with ISO9001/2008 norms.

## Cutting capacity

| 65 kg/mm <sup>2</sup> |    |    | 85 kg/mm <sup>2</sup> |    |    |
|-----------------------|----|----|-----------------------|----|----|
| 1                     | 2  | 3  | 1                     | 2  | 3  |
| 34                    | 26 | 20 | 30                    | 20 | 16 |

All our tests were carried out using iron bars coming from all over the world. The iron bars we used all followed these standards: *DIN 488, BS 4449/2005, BS4449/97, ASTM/A706/ A706M-00, ASTM/A615M-2000, UNE 36068, LNEC E450, NEN6008 (NL), NF A 35080-1, SD490 with different GRADE and toughness.*

### ICARO MACHINERY S.R.L.

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Codice fiscale e partita IVA: IT07381070155 – capitale sociale € 87.000,00.

REG. IMP. MI07381070155 – C.C.I.A.A. REA BG-404001

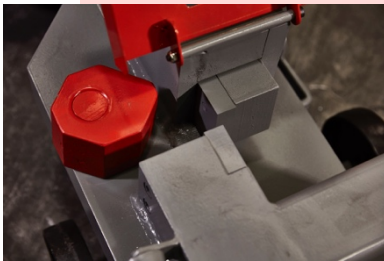
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## Equipment

| STANDARD                              | OPTIONAL                        |
|---------------------------------------|---------------------------------|
| 1 two-steel-blade set                 |                                 |
| 1 four-wheel set                      |                                 |
| 1 wheel-block set                     |                                 |
| 1 adjustable octagonal checking block |                                 |
| 1 taper pin                           |                                 |
| 1 magnetotermic switch                |                                 |
| 1 hex key set for maintenance work    | Adjustable screw locator        |
| 1 oil lubrication pump                | Self-lubricating pump+ pipe set |



Adjustable checking block



Magnetotermic switch



Steel blade set



C.E. cutting protection



Cutting lever



Central gear

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