



PUMA

MIG INVERTER RANGE



PUMA  298

HELVI

 ECODESIGN
READY

Helvi S.p.A.

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














PUMA 256
 1ph · 250A
 MIG · MMA · TIG

PUMA 278
 3ph · 250A
 MIG

PUMA 298
 3ph · 290A
 MIG · MMA (Rutile) · TIG

FEATURES

| | | | | | | |
|--|---|---|---|---|---|---|
|  |  |  |  |  |  |  |
|  |  |  |  |  |  | |
| | | | | 256 278 | 298 | |
|  |  |  | | | | |
|  |  | | | | | |

TECHNICAL DATA · DATI TECNICI

| | PUMA 298 | | |
|---------------------------|--------------------------|-------------|------------|
| | (3ph) 400V ± 10% 50/60Hz | | |
| | MIG | MMA | TIG |
| Input Voltage | | | |
| Power 60% | 6 KW | 6 KW | 5,8 KW |
| U_o | 35 V | 54 V | 54 V |
| Amp. Min-Max | 30 ÷ 290 A | 20 ÷ 250 A | 10 ÷ 280 A |
| Duty Cycle 40° | 290A @ 35% | 250A @ 35% | 290A @ 35% |
| Ø Steel | 0,8 ÷ 1,0 mm | - | - |
| Ø Stainless Steel | 0,8 ÷ 1,0 mm | - | - |
| Ø Aluminium | 1,0 ÷ 1,2 mm | - | - |
| Ø Flux core | 1,0 ÷ 1,2 mm | - | - |
| Ø CuSi₃ | 0,8 mm | - | - |
| Ø E | - | 1,6 ÷ 5 mm | - |
| Electrode Type | - | 6013 Rutile | - |

| | PUMA 278 | | PUMA 256 | | |
|---------------------------|--------------------------|--|--------------------------|---------------------------|------------|
| | (3ph) 400V ± 10% 50/60Hz | | (1ph) 230V ± 10% 50/60Hz | | |
| | MIG | | MIG | MMA | TIG |
| Input Voltage | | | | | |
| Power 60% | 4,8 KW | | 5,6 KW | 5,6 KW | 5,3 KW |
| U_o | 35 V | | 35 V | 55 V | 55 V |
| Amp. Min-Max | 30 ÷ 250 A | | 30 ÷ 250 A | 20 ÷ 200 A | 10 ÷ 250 A |
| Duty Cycle 40° | 250A @ 30% | | 250A @ 30% | 200A @ 35% | 250A @ 30% |
| Ø Steel | 0,8 ÷ 1,0 mm | | 0,8 ÷ 1,0 mm | - | - |
| Ø Stainless Steel | 0,8 ÷ 1,0 mm | | 0,8 ÷ 1,0 mm | - | - |
| Ø Aluminium | 1,0 ÷ 1,2 mm | | 1,0 ÷ 1,2 mm | - | - |
| Ø Flux core | 1,0 ÷ 1,2 mm | | 1,0 ÷ 1,2 mm | - | - |
| Ø CuSi₃ | 0,8 mm | | 0,8 mm | - | - |
| Ø E | - | | - | 1,6 ÷ 4 mm | - |
| Electrode Type | - | | - | 6013 Rutile 7018 Basic | - |

PUMA



MIG INVERTER RANGE

FRONT PANEL · PANNELLO FRONTALE



- | | |
|---|---|
| <p>1 Digital display · Display digitale</p> | <p>3 Process selection · Selezione processo</p> |
| <p>2 LED: Green → Power Yellow → Over-temperature Red → Over-current</p> | <p>4 Welding current / Wire speed / Thickness of the material Corrente di saldatura / Velocità filo / Spessore materiale</p> |
| <p>LED: Verde → Alimentazione Giallo → Sovratemperatura Rosso → Sovracorrente</p> | <p>5 Arc voltage / Hot Start Tensione d'arco / Hot Start</p> |



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