



# PUMA

## MIG INVERTER RANGE



PUMA  298

HELVI

 ECODESIGN  
READY

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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

**TECHNICAL DATA · DATI TECNICI**

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

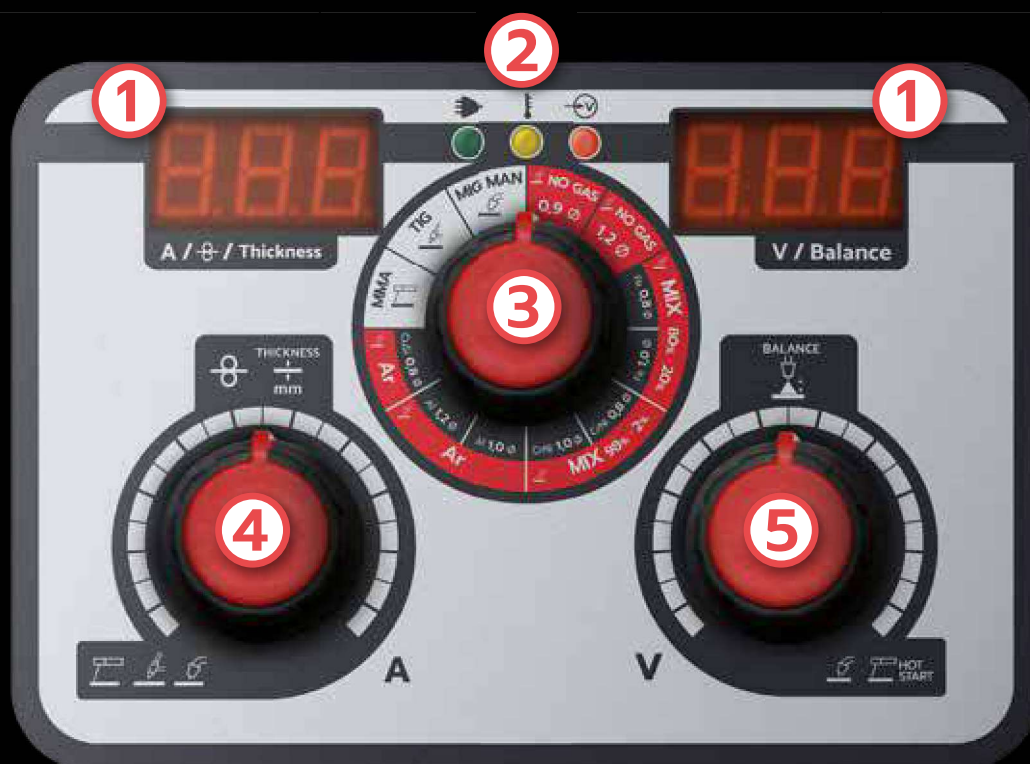
	<b>PUMA 278</b>		<b>PUMA 256</b>		
	(3ph) 400V ± 10% 50/60Hz		(1ph) 230V ± 10% 50/60Hz		
	<b>MIG</b>		<b>MIG</b>	<b>MMA</b>	<b>TIG</b>
<b>Input Voltage</b>					
<b>Power 60%</b>	4,8 KW		5,6 KW	5,6 KW	5,3 KW
<b>U<sub>o</sub></b>	35 V		35 V	55 V	55 V
<b>Amp. Min-Max</b>	30 ÷ 250 A		30 ÷ 250 A	20 ÷ 200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

# PUMA



## MIG INVERTER RANGE

### FRONT PANEL · PANNELLO FRONTALE



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



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