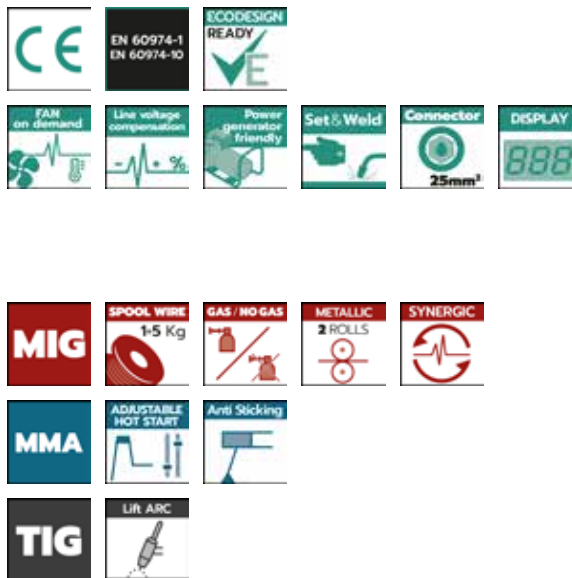


# PUMA 191



## FEATURES



## TECHNICAL DATA

Input Voltage	(1ph) 230V ± 10% · 50/60Hz
Power 60%	2,3 KVA
U <sub>o</sub>	70 V
Amp. min-max	25 ÷ 180 A
Duty Cycle 40°C	180A @ 20% 105A @ 60% 75A @ 100%
Steel	0,9 Ø mm
Stainless steel	0,6 ÷ 0,8 Ø mm
Aluminium	0,8 ÷ 1,0 Ø mm
Flux Core	0,8 Ø mm
CuSi <sub>3</sub>	0,8 Ø mm
Ø Electrode	-
Electrode type	6013 - 7018 - CrNi
Insulation	H
Protection degree	IP22S
Dimens. (LxWxH)	460x770x660 mm
Box (LxWxH)	360x795x530 mm
Weight box/net	37 / 33 Kg

## PUMA 191

	MIG	MMA	TIG
U <sub>o</sub>	70 V	70 V	70 V
Amp. min-max	25 ÷ 180 A	20 ÷ 180 A	5 ÷ 180 A
Duty Cycle 40°C	180A @ 20% 105A @ 60% 75A @ 100%	180A @ 20% 105A @ 60% 75A @ 100%	180A @ 20% 105A @ 60% 75A @ 100%
Steel	0,9 Ø mm	-	-
Stainless steel	0,6 ÷ 0,8 Ø mm	-	-
Aluminium	0,8 ÷ 1,0 Ø mm	-	-
Flux Core	0,8 Ø mm	-	-
CuSi <sub>3</sub>	0,8 Ø mm	-	-
Ø Electrode	-	1,6 ÷ 3,25 Ø mm	-
Electrode type	-	6013 - 7018 - CrNi	-
Insulation	-	H	-
Protection degree	-	IP22S	-
Dimens. (LxWxH)	-	460x770x660 mm	-
Box (LxWxH)	-	360x795x530 mm	-
Weight box/net	-	37 / 33 Kg	-

## STANDARD CONFIGURATION

Part number	Description	
99820065	PUMA 191	
99820065K	PUMA 191 + KIT	
99820065	Power source · Puma 191	INCLUDED
23000491	MIG torch 15 · Euro connection · 3,0 m	
43210138	Ground cable · 16mm <sup>2</sup> · 2,0 m	
33805003	Drive roll · Ø 30 mm · 0,6 ÷ 0,8 mm	

## OPTIONAL

Part number	Description
23020173	TIG torch Tig 17V · with gas valve · conn. 25mm <sup>2</sup> · 4,0 m · KIT consumables · Ø 1,6 mm