



AMIG280PM

COMPACT (380V)

Product Code: 00042932 (Without trolley) or 00042933 (With trolley)

The AMIG 280 PM is a digital multiprocess inverter designed to offer compact versatility. This 3 phase 380V unit offers GMAW, FCAW, GMAW PULSE, GMAW DOUBLE PULSE, LIFT ARC GTAW and SMAW as well as a 4 roll drive system and digital displays. This machine can be operated manually or in synergic mode for easy parameter setting. Just select the type of material as well as plate thickness and the machine will set the rest! The AMIG 280 PM offers full arc controls including hot-start, arc-force, burnback, pre and post-flow gas as well as a 40% duty cycle @ 280Amps @40 Degrees Celcius and a 3 year parts and labour warranty.



Output DC CC/CV

Input **3** PHASE POWER 380/400/415V ±10%/50Hz

FEATURES

- MULTI PROCESS CAPABILITY
- 40% DUTY CYCLE @ 280AMPS @40DEGC
- EMBEDDED WELDING DATABASE WHICH PROVIDES INTELLIGENT WELDING PARAMETERS FOR VARIOUS TYPES OF MATERIALS
- ARC CONTROLS INCLUDE HOT-START, ARC-FORCE, BURN BACK, PRE AND POST-FLOW GAS, 2 STEP, 4 STEP, SPOT WELDING
- 4 ROLL WIREFEEDER
- INTEGRATED TROLLEY DESIGN FOR MANOEUVRABILITY AROUND A WORKSHOP (OPTIONAL)
- THERMAL OVERLOAD PROTECTION
- SPOOL GUN COMPATIBLE

OUTPUT RANGE

20-280 Amps

DIMENSIONS L X W X H

630 X 280 X 480mm

DRY WEIGHT

34kg

APPLICATIONS

- Maintenance and repair
- Fabrication
- Automotive
- Agriculture
- Process equipment
- Sheetmetal fabrication

MATERIALS

Mild steel, Stainless steel, Aluminum. Silicon bronze, Alu Bronze

WELDING PROCESS

GMAW / FCAW / GMAW PULSE / GMAW DOUBLE PULSE / LIFT ARC GTAW /SMAW

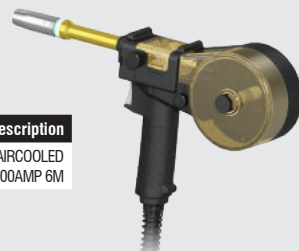
SPECIFICATIONS

AMIG 280 PM	
Voltage/Frequency (3~)	AC 380/400/415V±10%/50Hz
Rated input power (KVA)	14.3
Rated input current(A)	21.5/20.5/19.7
Range of welding current(A)	MIG:20~280/STICK:30-280/TIG:30-280
Range of welding voltage(V)	MIG:15~28/STICK:21.2-31.2/TIG:11.2-21.2
OCV(V)	107/16(VRD)
Duty cycle (%)	40
Full-load efficiency(%)	≥87
Power factor	≥0.95
Wire diameter (mm)	Φ0.8, 1.0, Φ1.2
Gas flow(L/min)	15~20
Dimension(mm3)	630×280×480
Weight (Kg)	34
Isolation degree	H
IP class	IP21S
EMC class	A

OPTIONAL EXTRA

PARWELD SAB3600-60E-1

Product Code	Model	Description
42926	BZL SA200	MIG TORCH SPOOL GUN AIRCOOLED EURO END 300AMP 6M



WHAT'S INCLUDED

AMIG 280 PM - Without trolley | Ready to weld
Product Code: 00042934

Code	Qty.	Description	Code	Qty.	Description
42505	1	AMIG280PM 380V UNIARC	27166	3	GAS HOSE
26402	1	XP8 350A TORCH PACKAGE X 4M PAR XP350A-40E	21234	1	CONNECTOR DINZE MALE 50-70MM
21223	5	WELDING CABLE 50MM RED	21646	1	EARTH CLAMP 500AMP G TYPE UNI WEC-G500A
24176	1	FLOWMETER CP 351	21687	1	WELDING LUG 50 X 12 LUG7012

AMIG 280 PM - With trolley | Ready to weld
Product Code: 00032933

Code	Qty.	Description	Code	Qty.	Description
42505	1	AMIG280PM 380V UNIARC	40691	1	UNIARC PRO WELDING JACKET FA - LARGE (DB-WELD-J-L)
40278	1	TROLLEY	36946	1	TECMEN ADF725S TM17 GLOSS BLACK
26402	1	XP8 350A TORCH PACKAGE X 4M PAR XP350A-40E	41826	1	NECK PROTECTION TECMEN NP003
21233	5	WELDING CABLE 50MM RED	41827	1	HP011-B EXTENDED HEAD PROTECTION TECMEN HELMETS
24176	1	FLOWMETER CP 351	40699	1	AMIG280PM WITH OR WITHOUT TROLLEY READY TO WELD BUILD KIT
27166	3	GAS HOSE			



ADDITIONAL ITEMS

PARWELD MIG SPOOL GUN TORCH

Code	Model	Description
00042926	SAB3600-60E-1K/009	Aircooled, MIG - Euro end 300amp (6 meters)



UNIARC PROGRIP 26V TIG TORCH

Code	Model	Description
00041699	UNIARC 26V TIG Torch	Aircooled, TIG - WP 26V (8 meters)



UNIARC PRO WELDING JACKET

Size Breakdown	
40689	SMALL
40690	MEDIUM
40691	LARGE
40692	EXTRA LARGE
40693	2XL
40694	3XL



WELDING HELMET

Code	Model	Description
36944	ADF815S	TM16 BLUE TM16-ADF815S B
36945	ADF815S	TM16 BLACK AND WHITE TM16-ADF815S BW
36946	ADF725S	M17 GLOSS BLACK TM17-ADF725S B
36947	ADF725S	TM17 RED TM17-ADF725S R
40961	TM1000	TM1000 BLACK FLIP FRONT AUTO DARKENIG HELMET
16221	WC715	UNIARC WELDCREW AUTO DARKENIG HELMET
41826		NECK PROTECTION TECMEN NP003
41827		HP011-B EXTENDED HEAD PROTECTION TECMEN HELMETS



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