MIG-MAG SYNERGIC

Pioneer 321MSR

200mm - 300mm Spools

3 x 400Vac

Pioneer 321MSR is a synergic 3 Phase Inverter with separated wire-feeder.
A wide range of **MIG-MAG synergic** programs facilitate the selection of precise welding parameters using any welding wires.
WF 107 is a portable 4-rolls drive wire feeder designed to withstand severe environmental conditions, it is ideal for any applications of medium to heavy size carpentry, constructions and automotive. Friendly-user interface allows precise parameters setting using only one knob.
All MIG-MAG controls are on the wire feeder: Wire Speed, Welding Voltage, Inductance, Motor Slope, Soft Start, Burn Back, Post Gas, Wire Feeding, Test Gas, 2T/ 4T/ 3T Special trigger torch control, Intermittent and Spot welding selection.
3T Special allows both Hot Start and Crater Filler current setting, for optimal penetration at start and crater filling at bead's end. Spot and Intermittent welding mode give excellent welding spots. Microprocessor, inverter technology, digital displays, synergic curves and memory locations for customized welding parameters assure complete welding process repeatability.
WECO unique HAC (Hybrid Arc Control) supplies a soft and very stable MIG MAG welding arc with excellent weld bead quality and minimal spattering in any working conditions.

Equipped with big wheels and gas bottle holder.
Cooling Unit available.
Fan on demand and Built-in Wind Tunnel protects electronic devices from dust and saltiness and improves reliability.
Up to 50m cable bundle can be used with no performances reduction.
Push-Pull torch applicable for better MIG aluminum welding.

: MIG/MAG SYNERGIC
CE: 2014/30/EU (EMC) - 2014/35/EU (LVD) - 2011/65/EU (RoHS2)
EN: EN 60974-1 - EN 60974-10
Technology
W.ECO TECHNOLOGY INSIDE · HAC HYBRID ARC CONTROL · POWER INVERTER INSIDE
WPQR
WPQR APPROVED WECO EN 1090

Pioneer 321MSR			
	3x400Vac ± 15% @ 50-60Hz		
	16A		
	MIG/MAG		
$\%_{40°C}$	45%	60%	100%
I_2	320A	280A	230A
I_2	10A - 320A		
U_0/U_r	53V / 10V		
$P_{1\,MAX}$	11,6kVA - 11,1KW		
IP	23		
	1110 x 550 x 1400mm		
	KIT 321MSR 4mt H_2O - 128,4Kg		

Configuration Pioneer 321MSR (WF107)

Supplied rollers: 2 x V shape drive rolls 1,0/1,2mm

ITEM	CODE	
POWER SOURCE		
Pioneer 321MSR	001.0072.0000	
WIRE FEEDER		
WF107	001.0323.0000	
Wheels Kit WF	010.0000.0012	
COOLING UNIT		
C.U.07C	003.0000.0161	
C.U.07C HP	003.0001.0161	
Cooling Unit Filter	010.0000.0097	
CONNECTION CABLE		
Connection cable 70mm² L=2m AIR	002.0001.0261	
Connection cable 70mm² L=5m AIR	002.0001.0262	
Connection cable 70mm² L=10m AIR	002.0001.0266	
Connection cable 95mm² L=10m AIR	002.0001.0263	
Connection cable 70mm² L=2m H_2O	002.0001.0271	
Connection cable 70mm² L=5m H_2O	002.0001.0272	
Connection cable 70mm2 L=10m $H2_O$	002.0001.0276	
Connection cable 95mm² L=10m H_2O	002.0001.0273	
CUSTOMIZED CONNECTION CABLE LENGTHS		
Connection cable 70mm² L>10m AIR	002.0001.0011	
Connection cable 95mm² L>10m AIR	002.0001.0021	
Connection cable 70mm² L>10m H_2O	002.0001.0012	
Connection cable 95mm² L>10m H_2O	002.0001.0022	
TORCHES AND EARTH CABLE		
Kit Push Pull	010.0000.0040	
Torche MIG 36 L= 4m AIR EURO	006.0008.0004	
Torche MIG 240 L= 4m H_2O EURO	006.0008.0007	
Earth Cable 70mm² L=4m	006.0002.0017	
REMOTE CONTROLS		
RC04 Remote Control 2 potentiometers	006.0003.0131	
RC06 Remote Control 2 up/down	006.0003.0133	
Cable RC03/04/05/06 L=5m	022.0002.0172	
Cable RC03/04/05/06 L=10m	022.0002.0173	
Cable RC03/04/05/06 L=15m	022.0002.0174	
ACCESSORIES		
Left Torch Holder	011.0015.0029	
Torch holder support for WF	004.0000.0215	
Gas regulator Flowmeter	006.0002.0005	
FEEDING ROLLS		
ROLL 0.6/0.8 D=37 d=19 V	002.0000.0140	
ROLL 0.8/1.0 D=37 d=19 V	002.0000.0141	
ROLL 1.0/1.2 D=37 d=19 V	002.0000.0142	
ROLL 1.2/1.6 D=37 d=19 V	002.0000.0143	
ROLL 0.8/1.0 D=37 d=19 U	002.0000.0144	
ROLL 1.0/1.2 D=37 d=19 U	002.0000.0145	
ROLL 1.2/1.6 D=37 d=19 U	002.0000.0146	
ROLL 1.0/1.2 D=37 d=19 VK	002.0000.0149	
ROLL 1.2/1.6 D=37 d=19 VK	002.0000.0150	

CONFIGURATION	CODE	
KIT 321MSR 5m AIR	**006.0011.0050**	
Pioneer 321MSR + WF107 + Wheels Kit WF + Connection cable 70mm2 L=5m AIR		
KIT 321MSR 5m H_2O	**006.0011.0049**	
Pioneer 321MSR + WF107 + C.U.07C + Wheels Kit WF + Connection cable 70mm2 $_L$=5m H2O		

Pioneer 321MKS

200mm - 300mm Spools
321MKS Supplied rollers: 2 x V shape drive rolls 1.0/1.2 D=30 d=14 V

3 x 400Vac

Pioneer 321MKS is a powerful synergic 3 Phase Inverter for workshops, car body repairs, light to medium carpentry and table welding. **Pioneer 321MKS** thanks to its dimensions and light weight, is easy to move on the working site. A wide range of **MIG-MAG synergic** programs facilitate the selection of precise welding parameters using any welding wires.

: MIG/MAG SYNERGIC
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Technology

W.ECO TECHNOLOGY INSIDE

HAC HYBRID ARC CONTROL

POWER INVERTER INSIDE

WPQR

Pioneer 321MKS			
	3x400Vac ± 15% @ 50-60Hz		
	16A		
	MIG/MAG		
%40°C	45%	60%	100%
I2	320A	280A	230A
I2	10A - 320A		
U0/Ur	53V / 10V		
P1 MAX	11,6kVA - 11,1KW		
IP	23		
	1110 x 550 x 805mm		
	KIT 321MKS H_2O - 90,8Kg		

ITEM	CODE	
POWER SOURCE		
Pioneer 321MKS	001.0071.0000	
COOLING UNIT		
C.U.07C	003.0000.0161	
C.U.07C HP	003.0001.0161	
Cooling Unit Filter	010.0000.0097	
TORCHES AND EARTH CABLE		
Kit Push Pull	010.0000.0040	
Torche MIG 36 L= 4m AIR EURO	006.0008.0004	
Torche MIG 240 L= 4m H_2O EURO	006.0008.0007	
Earth Cable 70mm² L=4m	006.0002.0017	
REMOTE CONTROLS		
RC04 Remote Control 2 potentiometers	006.0003.0131	
RC06 Remote Control 2 up/down	006.0003.0133	
Cable RC03/04/05/06 L=5m	022.0002.0172	
Cable RC03/04/05/06 L=10m	022.0002.0173	
Cable RC03/04/05/06 L=15m	022.0002.0174	
ACCESSORIES		
Left Torch Holder	011.0015.0029	
Gas regulator Flowmeter	006.0002.0005	
Pioneer protective mat	046.0004.0025	

CONFIGURATION	CODE	
KIT 321MKS H_2O	**006.0011.0414**	
Pioneer 321MKS + C.U.07C		