

PLASMAARC45 Plasma Cutter



The PlasmaArc 45 is a 45amp plasma cutter designed for the professional who wants a powerful machine in a portable body. This single-phase machine with a 15 amp plug is the perfect machine for the workshop and worksite. The PlasmaArc 45 gives you some serious cutting power with 16mm clean cut and 25mm severance. Equipped with Pilot Arc control letting you start the arc before contacting the work piece. This gives you better control of the torch, especially on materials with uneven surfaces.

Features

- Pilot arc controller. Cutting selection Modes: Cut/Grid/Gouge
- Single phase input from 230V±10%
- 90mm inch LCD screen: Variety of parameters shown simultaneously
- Phase loss protection, low voltage protection
- PFC technology (Power Factor Correction)
- Error code displays with user friendly solutions referenced in the user manual
- Intelligent protection: TIP torch connection, Over-current and Over-heat alarms



Technical Parameters

Machine		PLASMAARC 45A	
Power Supply Voltage (V)		1-230±10%	
Frequency (Hz)		50/60Hz	
Rated input power (KW)		7.0	
Rated Input Current (A)		33.8	
No Load Voltage (V)		230	
Cutting Current Range (A)		Gouge	CUT/Grid
		10-45	20
Pilot Current (A)		20	
Power Factor		0.99	
Duty Cycle (40°C 10min)		60%40A	100%32A
Max Cutting Thickness (mm)			
Quality Cutting Thickness (mm)	Carbon Steel	≤ 25	
	Stainless Steel	≤ 20	
	Aluminium	≤ 16	
	Copper	≤ 12	
Net Weight (Kg)		12.6	
Dimensions (mm)		480x175x310	
Protection Class		IP23	
Insulation Class		F	
Cooling		FAN	
Standard		EN60974-1	

Package Includes:






Plasma Cutting Torch



4 Meter Earth Lead

Parts & Accessories

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	Kit contents: PLASMAARC Consumables <table border="1" data-bbox="512 443 1038 705"> <thead> <tr> <th>PART</th> <th>QTY</th> <th>SKU</th> </tr> </thead> <tbody> <tr> <td>Electrode 45-105A</td> <td>5</td> <td>PST70E</td> </tr> <tr> <td>Nozzle 45A</td> <td>5</td> <td>PST70CT50</td> </tr> <tr> <td>Swirl Ring 45-70A ECO</td> <td>1</td> <td>PST70SR</td> </tr> <tr> <td>Retaining Cap 45-70A ECO</td> <td>1</td> <td>PST70SCB</td> </tr> <tr> <td>Handheld Shield</td> <td>1</td> <td>PST70SC</td> </tr> <tr> <td>Gouging Nozzle</td> <td>2</td> <td>PST70GT50</td> </tr> <tr> <td>Gouging Shield</td> <td>1</td> <td>PST70SCG</td> </tr> </tbody> </table>		PART	QTY	SKU	Electrode 45-105A	5	PST70E	Nozzle 45A	5	PST70CT50	Swirl Ring 45-70A ECO	1	PST70SR	Retaining Cap 45-70A ECO	1	PST70SCB	Handheld Shield	1	PST70SC	Gouging Nozzle	2	PST70GT50	Gouging Shield	1	PST70SCG	
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Optional Extras

		SAHX81	ArcOne Black Vision X81VX-1500 Helmet with True Colour and X-Tig ADF			MCART	MIGARC® Black Trolley
		PCS427529	CEA Compressed Air Filter for Plasma			SWSC	SAFETYARC® Leather Welders Skull & Shoulder Hood
		WSAL2504	WELDARC® ARC Lead OKC Male			SGMAXL	MIGARC® Gloves Aluminized Weld Gauntlet 40cm 10XL (6/Pkt)
		PCS410684	CEA Plasma Wheeled Straight Guide			SBGVC	ArcOne Headgear / Visor Holder Blue
		GW-2505	SAFETYARC® Gas Cutting Lift Up Goggle Shade 5 Lens			SBGV5	ArcOne Shade 5 Wide View Face Shield Replacement Visor
		SWBC	SAFETYARC® Leather Welding Spats (boot covers)			SGA55	ARC1 Shade 5 Gas Cutting Glasses SE-7008

PLASMA ARC
Plasma Cutter 45A

Product code: PPM45