



SUPER PLASMA C-70

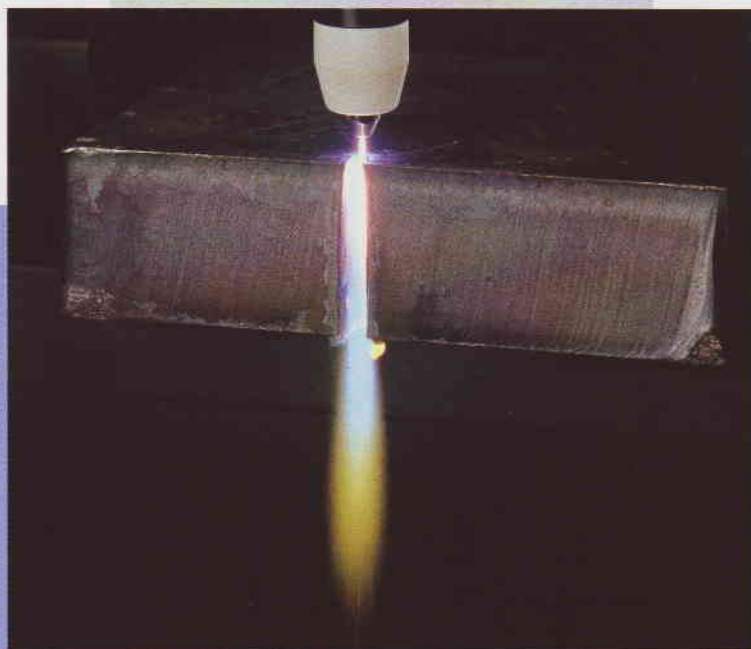
Transistor Controlled
Air-Plasma Cutting Machine

■ C-70

Superior Cutting Performance

at

- High Speed
- High Quality
- Low Cost



Less electromagnetic
disturbance without
High-frequency

Features

High Cutting Quality

- * Cutting speed is improved approx. 15% compare with previous models.
- * Maximum cutting capacity is up to 35mm.
- * High 60% duty at 70Amps.
- * High quality cutting is realized by stable plasma arc supply.

Low Cost Cutting

- * Reduce operating expenses by capitalizing on high cutting speed.
- * Long lasting consumables

User friendly design for safety protection

- * Less electromagnetic disturbance without high frequency
- * Built-in cup-sensing circuit ensures safe for the replacement of tip and electrode
- * Output terminals, the control plug and socket are arranged inside, of the cabinet, insuring high safety levels.
- * Thermal over load protection is offered.
- * Plasma air pressure sensor built-in.

Cutting Thickness	1	5	10	15	20	25	30	35mm
Mild Steel	[Bar chart showing cutting capacity for Mild Steel]							
Galvanised	[Bar chart showing cutting capacity for Galvanised]							
Stainless Steel	[Bar chart showing cutting capacity for Stainless Steel]							
Aluminum	[Bar chart showing cutting capacity for Aluminum]							
Copper	[Bar chart showing cutting capacity for Copper]							
Brass	[Bar chart showing cutting capacity for Brass]							

Information

Specification

Power Supply

Model		Super Plasma C-70
Cutting Power Source	Model/Unit	MRCT-70
Rated Input Voltage		Indicate input voltage when ordering
Rated Frequency	Hz	50/60
Phase	-	3-phase
Rated Input Power	KVA/KW	20 / 10.5
Rated Output Current	A	70
Rated Output Voltage	V	108
Rated Duty Cycle	%	60
Output Current Range	A	25~70
Dimensions (W x D x H)	mm	360 x 560 x 550
Net Weight	kg	102

Cutting Torch

Cutting Torch	Model/Unit	CT-75
Rated Current	A	70
Rated Duty Cycle	%	60
Cooling System		Air-cooled type
Cable Length	m	6
Using Gas		Compressed air
Type of Torch Body		Short

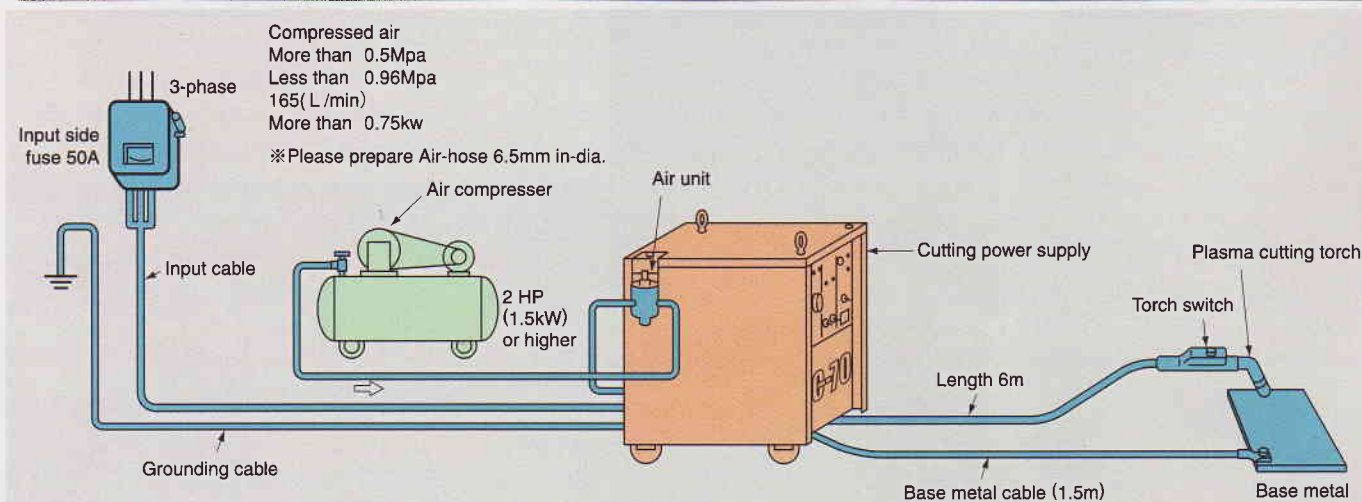
Standard Accessories

Description	Spcification	Q'ty	Remark
Air Unit	C0076U	1	
Hose Band	No.000(9.5-12)	1	
Base Metal Cable	1.5m	1	
Grass Enclosed Fuse	250V 3A	1	
Cartridge Fuse	380V 3A	1	
Bolt	M8-20	1	

Standard Accessories

Description	Spcification	Q'ty	Remark
Nozzle	PC0114	1	
Tip	PD0114-12	2	1.2mm dia
Tip	PD0114-10	2	1.0mm dia
Air Diffuser	PE0112	1	
Electrode	PR0117	5	
Wrench	CV0080	1	

Connection Diagram



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