AMERARC™ 75 PLASMA CUTTING EQUIPMENT

Drew Marine

DESCRIPTION

With an innovative and compact design, the AMERARC 75 Plasma Machine is a high-performance plasma cutting machine capable of quality cuts up to 25mm. It weighs only 22.8kg, making it a portable and efficient solution to the needs of medium and light fabrication work. The machine comes equipped with a high performance cutting torch, which offers a powerful and concentrated cutting beam. This increases cutting quality and speed, with lower operating cost due to the long lifespan of consumables.

AMERARC™ 75 Plasma Machine (PCN 0978017)

FEATURES

- Connection to any primary voltage between 380V and 440V

- Thermal overload protection

- Voltage protection

- Cutting parameter stability

- Reduce dust intake

- Control rack protection cover

- Inlet air filter

- Insufficient compressed air shut off device

- Safety design on the plasma torch

BENEFITS

- Automatic compensation for main voltage fluctuation within +/- 10%

- Mitigates machine damage due to exceeding duty cycle or airflow blockage

- Protection devices against over/under voltage

- Cooling fan will operate only when necessary

- Shockproof and dustproof design to protect the machine front display panel

- Automatic expulsion of impurities and moisture

- Machine will shut down to protect the plasma torch and consumable parts from overheat

- Electrical protection device on the plasma torch to guarantee the operator safety

PRODUCT DESCRIPTION

Amerarc 75 Plasma Machine comes with

- 4m power cable 2.5mm^2

- Plasma Torch with 6m cable

- Return clamp with 3m cable 25mm^2

- User manual

PCN

0978017

> **Contact your Drew Marine representative for more information**

![Drew Marine logo]

TECHNICAL INFORMATION

Three-phase input 50/60Hz	V	380-440V ±10%
Delayed fuse	A	16
Maximum power	kVA	11
Power factor		0.85 - 0.99
Open circuit voltage (peak)	V	300
Current Range	A	20 - 70
Duty cycle @ 100% (40°C)	A	55
Duty cycle @ 60% (40°C)	A	65
Duty cycle @ 40% (40°C)	A	70
Cutting Capacity		
Recommended	mm	20
Maximum	mm	25
Severance	mm	30
Piercing	mm	15
Standards		IEC 60974-1
		IEC 60974-10
		CE S
Protection class		IP 23 S
Insulation class		F
Air Pressure	Bar	5.0 - 5.5
Air Flow		180 - 210
Dimensions L x W x H	mm	595x390x185
Weight	Kg	22.8

ACCESSORIES   PCN

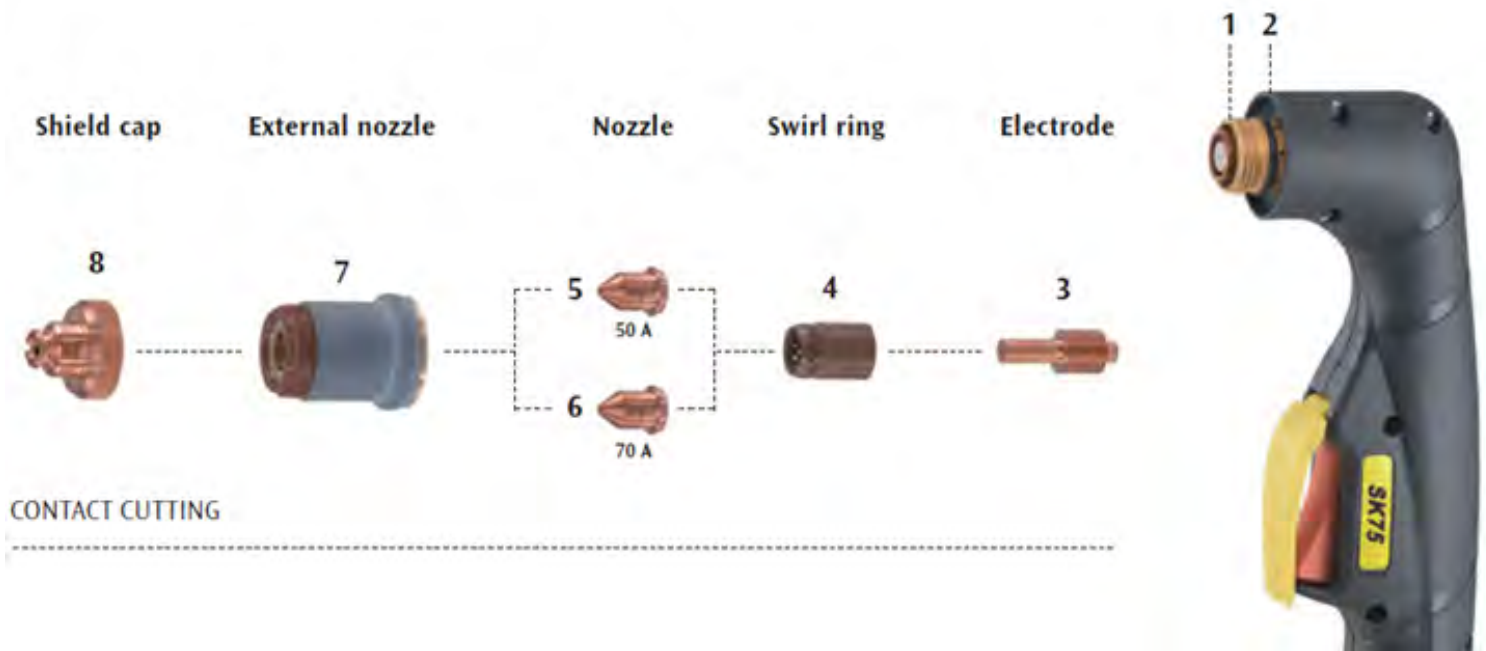|	
Plasma torch 6m	0931114
Plasma torch 12m	0931122
*A75 Sea Stock Kit	0931130
Electrodes 5/Pkt	0931148
Swirl Ring 2pcs	0931155
Nozzle 70Amps 10/Pkt	0931163
External Nozzle	0931171
Shield Cup 2pcs	0931189
Autodarkening Faceshield	0617011
Faceshield with Headband	0615015
Welding Glove	0616013
Welding Apron	0618019

▶ **Contact your Drew Marine representative for more information**

*A75 SEA STOCK KIT PCN 0931130

PACKING LIST

S/N	DESCRIPTION	QUANTITY
1	O-Ring	2
2	Electrode	20
3	Swirl Ring	1
4	Nozzle 50A	5
5	Nozzle 70A	15
6	External Nozzle	1
7	Shield cup	2
8	Extended Nozzle	3
9	Extended Nozzle 50A	1
10	Extended Nozzle 70A	2
11	Extended Shield Cup	1
12	Silicon lubricant for O-Ring	1

Shield cap — External nozzle — Nozzle — Swirl ring — Electrode

8   7   5 (50 A)   6 (70 A)   4   3

CONTACT CUTTING

Contact your Drew Marine representative for more information

Drew Marine maintains Safety Data Sheets on all of its products. These documents contain health and safety information for the development of appropriate product handling procedures to protect your employees. Safety Data Sheets should be read and understood by all of your supervisory personnel and employees before using Drew Marine products.

Drew Marine

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