

AMERARC™ 75 PLASMA CUTTING EQUIPMENT



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 Cutting 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
- $\pm 20\%$ voltage fluctuations will not affect the cutting performance
- 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 2.5mm²
- Plasma Torch with 6m cable
- Return Clamp with 4m cable 25mm²
- User Manual

PCN

0978017



Contact your Drew Marine representative for more information

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 |



IMPORTANT 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.



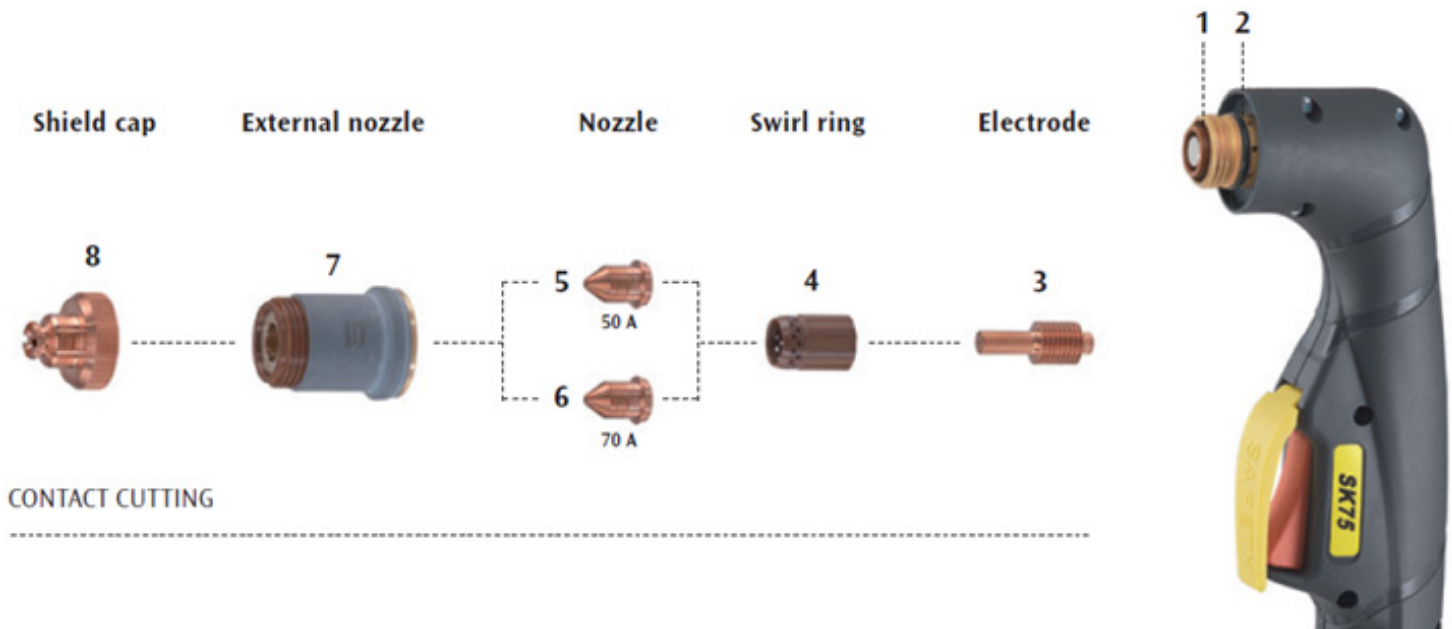
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***A75 SEA STOCK KIT PCN 0931130**



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 |



Drew Marine

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