



X-CUT ROUGHNECK

PORTABLE CNC CUTTING MACHINE

Product Code: 00043517

The UNIARC XCUT Roughneck is designed for accurate cnc cutting using either Plasma or Oxyfuel cutting. Whether you are cutting in the workshop or out in the field the Roughneck is designed to be portable for on the job cutting. Alternatively, you can mount the Roughneck on an open plasma table or water table for easy plate loading in the workshop. The easy-to-use interface makes it easy to design or upload your cutting files whilst the nesting software allows you to get maximum usability of your plate reducing material wastage.



SPECIFICATIONS

| X-CUT Roughneck | |
|--|--|
| INPUT VOLTAGE | 230V 50/60HZ |
| POWER SUPPLY FREQUENCY | 50HZ |
| RATED POWER | 500-1000W |
| EFFECTIVE CUTTING WIDTH (MM) (X AXIS) | 1500 |
| EFFECTIVE CUTTING LENGTH (MM) (Y AXIS) (Could be extended as per customer demand) | 3000 |
| PROCESSES | PLASMA CUTTING, OXYFUEL CUTTING |
| CUTTING MODE | GAS / PLASMA CUTTING |
| MOTOR STYLE | STEP MOTOR |
| DRIVE MODE | SINGLE-SIDE |
| GAS CUTTING THICKNESS | 6-100MM |
| PLASMA CUTTING THICKNESS | 0.5MM - 40MM DEPENDING ON PLASMA POWERSOURCE |
| CUTTING SPEED | 10-3000MM/MIN |
| WORKING PRECISION | ±0.2MM/METER |
| CUTTING GAS | OXYGEN + ACETYLENE/ PROPANE |
| GAS PRESSURE | OXYGEN: ≤1MPA FUEL: ≤0.1MPA |
| TORCH HEIGHT CONTROL MODE | MOTOR DRIVE TORCH HEIGHT CONTROL |
| DISPLAY SCREEN | LCD COLOR SCREEN |
| NESTING SOFTWARE | FASTCAM |

Safety Gear

| Product Code | Model | Description |
|--------------|-------|---|
| 43873 | TM-S4 | FACE SHIELD FOR GRINDING AND PLASMA CUTTING |



RECOMMENDED POWER SOURCE



CUT451PFC PLASMA CUTTER INVERTER (380V) Product Codes: 00037184

The CUT451 PFC plasma cutter is a ready to go single phase plasma inverter, designed for the job site. This pilotarc system offers quality cuts, fast cutting speeds and simple operation, combined with the powerfull CP70 pilotarc torch. Whether cutting gratings or plate, the pilotarc system keeps the arc stable for effortless cutting. Just add your external air supply and you are ready to cut. This unit also offers 2T/4T functionality, as well as CNC interface as standard for integration onto your plasma table.

| CUT 451 PFC | |
|-------------------------|-------------------------------|
| INPUT VOLTAGE | 1-PH AC230V(160-265V) 50/60HZ |
| OCV | DC280V |
| OUTPUT CURRENT | 10A-45A |
| DUTY CYCLE(UNDER 40C°) | 35% |
| QUICK CONNECTOR | 16-25B |

Cutting Thickness

Quality cuts: 12 mm
Severance cuts: 20 mm

Material

Carbon steel / Stainless steel / Aluminium

Choose your cutting torch

| Product Code | Description |
|--------------|--|
| 40511 | CPM70 70A MINI TORCH 8M CX CEN 1-9-3-6 UNIARC 03632MX-RT |
| 40509 | MALE PLUGS FOR TRIGGER SWITCH (CNC) UNIARC 10004659 |



Accessories

| Product Code | Description |
|--------------|---|
| 40497 | MALE PLUGS FOR VOLTAGE HEIGHT SENSING (CNC) UNIARC 10059739 |
| 40498 | CPM70 70A 8M CX OHMIC CEN 1-9-3-6 UNIARC 03632CX-RT |



CUT803 PLASMA CUTTER INVERTER (380V) Product Codes: 00037185

The CUT803 plasma cutter is a ready to go industrial plasma inverter, designed for the job site or workshop. This pilotarc system offers quality cuts, fast cutting speeds and simple operation, combined with the powerfull CP125 pilotarc torch. Whether cutting gratings or plate, the pilotarc system keeps the arc stable for effortless cutting. Just add your external air supply and you are ready to cut. This unit also offers 2T/4T functionality, as well as CNC interface as standard for integration onto your plasma table.

| CUT 803 | |
|-----------------|-------------------------|
| INPUT VOLTAGE | 3PH- AC380V±15% 50/60HZ |
| OCV | DC310V |
| OUTPUT VOLTAGE | 88V-112V |
| OUTPUT CURRENT | 20A-80A |
| DUTY CIRCLE | 40% |
| QUICK CONNECTOR | 16-25/EURO |

Cutting Thickness

Quality cuts: 20 mm
Severance cuts: 30 mm

Material

Carbon steel / Stainless steel / Aluminium / Copper / Cast iron

Choose your cutting torch

| Product Code | Description |
|--------------|---|
| 40521 | CPM125 125A 8M CX OHMIC CEN 1-9-3-6 UNIARC 03732CX-RT |
| 42249 | CPM125 OHMIC W/RACK 15M 125A 1-9-3-6 UNIARC 03737CXR-RT |



Accessories

| Product Code | Description |
|--------------|---|
| 40497 | MALE PLUGS FOR VOLTAGE HEIGHT SENSING (CNC) UNIARC 10059739 |
| 40498 | CPM70 70A 8M CX OHMIC CEN 1-9-3-6 UNIARC 03632CX-RT |



CUT125PRO PLASMA CUTTER Product Codes: 00043416

The CUT 125 PRO is an industrial plasma cutter designed for serious cutting applications. It has a 100% duty cycle at 125 Amps making ideal for production cuts by hand or on an automated system or table. The marking mode also makes it ideal to mark your parts for traceability.

| CUT 125 PRO | | |
|--|------------------------|---------|
| Work mode | Cutting/Gouging | |
| Power Supply | 400 V - 3 ph, 50/60 Hz | |
| Fuse | 63 A | |
| Current range | 20-125 A | |
| Duty cycle EN 60974-1 (40°C) | 125 A @ 100% | |
| Air pressure | 5 > 9 bar | |
| Recommended cut (Clean cut) | Steel | 40 |
| | Stainless steel / Alu | 40 |
| Maximum cut (Separation) | Steel | 57 |
| | Stainless steel / Alu | 57 |
| Piercing | Steel | 25 |
| | Stainless steel / Alu | 25 |
| Gouging | Withdrawal rate | 12 kg/h |
| IP | IP 23 | |
| Protected & compatible power generator (+/-15 %) | | 30 kW |

Material

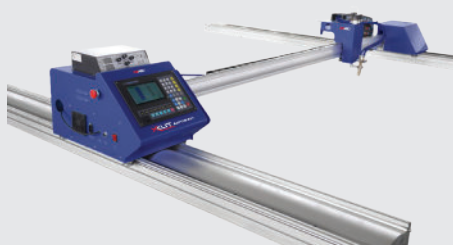
Alloy steel / Stainless steel / Copper / Aluminum and other non-ferrous metals

Choose your cutting torch

| Product Code | Description |
|--------------|---|
| 43433 | CPM160 160AMP 180DEG MACHINE TORCH OHMIC 8M EURO CONNECTOR |
| 43434 | CPM160 160AMP 180DEG MACHINE TORCH OHMIC 12M EURO CONNECTOR |



SIMILAR PRODUCTS UNIARC XCUT ARTISAN



UNIARC XCUT PROFESSIONAL



UNIARC XCUT PIPE



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