

Welding Lab



PLASMA PROFILE CUTTING MACHINE

Make: ADOR

Model: Kingcut Smarty

Specifications:

| | |
|---|---------------------------------------|
| Machine overall width (without Cable Track) | 1600 mm Aprox |
| Rail length: | 3500 mm Aprox |
| Cutting width | 1500 mm |
| Cutting length | 3000 mm |
| Material to cut with OXY Fuel process: | Mild steel |
| Machine rapid speed: | 6000 mm/Min |
| Gas Required | Oxygen and Acetelene or LPG |
| Cutting Thickness by Plasma | Max 16 mm with Pierce 20 mm from Edge |
| Cutting Thickness by Gas | 5-150 mm |
| Programing accuracy | ± 0.1 mm |
| Repeatability Accuracy | ± 0.5 mm |



TIG WELDING MACHINE

(Inverter based, digitally controlled, AC/DC pulse TIG-MMA Welding Machine (gas cooled))

Model: V 24 AC/DC, Mobile, Gas Cooled

Make: LORCH Schweisstechnik GmbH, Germany

Welding Range: 3 - 240 A



MIG WELDING MACHINE

(Digital microprocessor controlled, Synergic Pulse MIG-MAG welding)

Make: LORCH Schweisstechnik GmbH, Germany

Model: S3 pulse Mobile Standard, Gas-cooled

Welding Range: 25-320 A

Synergic program for: Steel, Stainless Steel, Aluminum & Copper



SPOT WELDING MACHINE

MAKE: GEMCO

Model:

Specifications:

| | |
|---|---------------------------|
| Rating | 4 KVA |
| Main Supply | 230 V/50 Hz. Single Phase |
| Throat Depth | 125mm |
| Weld ability in M.M.: M.S., S.S., Brass. | |
| Maximum Thickness x 2: 0.8, 0.5, 0. | |



WELDING GENERATOR

Make: ADOR

Model: SUPERGEN 320

Specifications:

| | |
|-----------------------|------------------|
| Supply voltage | 415 Volts |
| Phase | 3 |
| Power | 15.5/20.78 Kw/HF |
| Open circuit voltage | 100 Volts |
| Welding current range | 35 - 320 Amps |
| Type of cooling | Forced Air |



AC ARC WELDING TRANSFORMER

Make: ADOR

Model: TPA 303

Specifications:

| | |
|-----------------------|---------------|
| Supply voltage | 380/415 Volts |
| Phase | 3 |
| Power | 16.5 KVA |
| Open circuit voltage | 66 Volts |
| Welding current range | 40-300 Amps |
| Type of cooling | Forced Air |

