**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(3 Nos)**

**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 |

