

# INVERTER PLASMAtec

INVERTER BASED *230 volt*  
AIR PLASMA CUTTING MACHINES

**31** 6mm CUT

**41** 10mm CUT

**54K** 10mm CUT

*230 volt single phase  
Plasma Cutting machines*



**NOT SUITABLE FOR  
BEING POWERED  
BY A GENERATOR**

| SPECIFICATIONS                |          | 31     | 54K    | 41     |
|-------------------------------|----------|--------|--------|--------|
| Mains input voltage           | 1ph 50hz | 230    | 230    | 230    |
| Fuse rating                   | amp      | 13     | 16     | 16     |
| Absorbed power                | kW       | 2.8    | 4.5    | 4.0    |
| Torch voltage(no load)        | V        | 430    | 400    | 405    |
| Torch connection              |          | Direct | Direct | Direct |
| Torch model                   |          | S25    | S45K   | S45    |
| Duty cycle                    | amp      | 25@20% | 35@30% | 35@30% |
| Max cutting thickness - steel |          | 8mm    | 10mm   | 10mm   |
| Air flow required @5bar       | lt/min   | 150    | N/A    | 170    |
| Dimensions mm                 | L        | 400    | 550    | 540    |
|                               | W        | 150    | 170    | 150    |
|                               | H        | 235    | 340    | 270    |
| Weight inc. torch             | kg       | 6.4    | 16.8   | 7.7    |

- Lightweight and portable with excellent cutting performance.
- Low priced consumables.
- Cuts mild and stainless steel, aluminium, brass, copper etc.
- Supplied with quality Trafimet torch.
- Fully variable current control-optimum cutting performance.
- 4 LED indicators warn of – Low voltage, Inadequate air, Power on and Thermostat operation
- Air filter/reg supplied (31 & 41 )
- Carry handle /shoulder strap
- Fan cooled

## SUREWELD

**SUREWELD (UK) LIMITED**  
SANDERS LODGE INDUSTRIAL ESTATE  
RUSHDEN, NORTHANTS, NN10 6BQ

tel: 01933 357005

fax: 01933 357606

email: [info@sureweld.co.uk](mailto:info@sureweld.co.uk)

web: [www.sureweld.co.uk](http://www.sureweld.co.uk)