



Trans Pocket 125VRD-10 MINE-Spec

VRD at 12 volts in MMA mode

10 Amp 240V moulded plug on 3m 15 Amp braided cable

125 Amp output with maximum effective supply current $I_{1\text{eff}} = 10\text{A}$

Polycarbonate cover which is welding spatter resistant

HiVis cable on 3m earth and 4m twist lock electrode holder

Supplied with safety certificate

Can be operated on extension leads up to 100m



PERFECT WELDING



Other key safety features include:

- Generator compatible (Min 8KVA)
- IP23 rated for wet areas
- Thermostatically controlled fan
- CE and C-tick approved
- Anti stick electrode function
- Meets AS60974/AS1674.2-2007
- Arc force dynamic functions

Specifications:

TP125VRD-10

Mains Voltage +/- 15%	50-60 Hz 230V
Maximum Effective Supply Current	$I_{eff} = 10A$
Welding Current Range	10-125A
Welding Current at 230V	10min/40degrees 50% dc 125A 10min/40degrees 100% dc 80A
Open Circuit Voltage	92 Volts
Open Circuit Voltage VRD	12 Volts
Operating Voltage	20.4-25.6V
Dimensions L/W/H	315/110/200mm
Protection Class	IP23
Part No	4.075.108.637/MS



welding - wear solutions - automation

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The small MMA welder that's big on safety

Introducing the safe welder of choice for many leading Australian mine sites – the Fronius TP125VRD-10 Mine-Spec.

The Fronius TP125VRD-10 Mine-Spec (Voltage Reduction Device) has been designed in direct response to 'world's best practice' Australian mining sector's OH&S safety demands – and then some.

Take the safety critical aspect of Open Circuit Voltage (OCV). Australian standards demanded a maximum of 35V OCV at the electrode when a MMA VRD machine is not welding. The Fronius TP125VRD-10 Mine-Spec is 12V – three times lower than the standard.

When the welding circuit resistance is greater than 200 ohms (for example when touching the human body) the OCV is limited to 12V and the VRD must be active within 0.3 seconds after welding stops.

The software that controls the machine is designed to put the machine in fault mode if the VRD is not working, hence the TP125VRD-10 Mine-Spec machine is deemed to be 'Fail to Safe'.

Unlike other VRD alternatives, there is no need to continually hold down buttons when you are welding which causes operator fatigue.

The braided heavy duty input power cable gives extra strength and protection. An earthed braided cable is recommended for all applications where OH&S 'DUTY OF CARE' is essential.

You get all the safety features and the world renowned Fronius second to none perfect welding performance with the Fronius TP125VRD-10 Mine-Spec - the small MMA welder that's big on safety.

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