


- Fail to safe - VRD 12 Volts
- Compact 125 Amp, 4.7Kg
- Ideal for Aussie mines
- 10 A Compliant



Setting the standard for Safety and Performance.

Introducing the world's safest MMA welder and the welder of choice for many leading Australian mine sites - the Fronius TP125-10 VRD.

In the welding safety stakes, this little red devil packs a huge punch. Weighing in at just 4.7 kg, the Fronius TP125-10 VRD (Voltage Reduction Device) has been designed in direct response to Australia's world class mines OH&S safety demands – and then some.

Take the safety critical aspect of open circuit voltage VRD. Australian standards demanded a minimum of 35V open circuit voltage at the electrode when a MMA VRD machine is not welding. The Fronius TP125-10 VRD 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) open circuit voltage is limited to 12V. VRD is active within 0.3 seconds after welding stops.

In another safety in mines initiative, the entire unit is now also double insulated with a durable, welding spark resistant, polycarbonate cover to offer world's best safety practice to the welding operator.

Providing maximum protection for the welder.

The TP125-10 VRD function is fail to safe. If the open circuit voltage exceeds 12V on start up, the machine will simply not weld. And finally when you want to get welding, there is not the constant fatigue of having to hold down buttons in order to continually weld.

With its 125 Amp DC output, 10 amp 240 volt supply MMA and TIG inverters and built with new-generation Resonance Intelligence Technology, the Fronius TP125-10 VRD is your first choice for safe MMA welding.





Specifications TP125-10 VRD

Mains Voltage +/- 15%	50-60 Hz 230V
Welding Current Range	10-125 A
Welding Current at 230V	10min/40degrees 35% dc 125A 10min/40degrees 100% dc 80A
Open Circuit Voltage	92 Volts
Open Circuit Voltage VRD	12 Volts
Operating Voltage	20.4-25.6 V
Dimensions L/W/H	315 / 110 / 200mm
Protection Class	IP23

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 AS6097 standard
- Arc force dynamic functions



welding - wear solutions - automation

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