

# INVERTEC V270-T PULSE



The Invertec V270-T *PULSE* has been designed and manufactured using the latest digital technology allowing this machine to combine a rugged industrial construction with excellent arc characteristics. The flexibility and generator compatibility of the V270-T *PULSE* allows it to be utilised anywhere on sites and workshops. The Invertec V270-T *PULSE* is supplied as standard with all the features you would expect from a professional TIG welding machine including selectable HF TIG or Lift TIG ignition, 2 or 4 step trigger control, variable down slope, post flow control, presetable digital amp meter with hold function and full function TIG pulse.

For added safety the Invertec V270-T *PULSE* comes with a built-in VRD (voltage reducing device) increasing operator safety in environments with increased hazard of electric shock.

The control panel of this machine has been designed to show the welding sequence, making it user friendly and easy to understand.

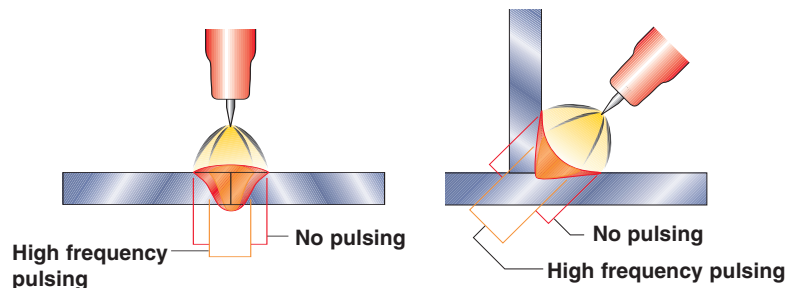
A unique feature is the variable high frequency PULSE that allows the welder to adjust arc focus to suit the application. This will reduce heat input, resulting in a more controlled weld, less distortion and increased welding speed.

The V270-T *PULSE* is air-cooled as standard. However by adding the Coolarc 20 water-cooler the unit is changed into a professional water-cooled TIG welder, for demanding higher duty cycle applications. The Invertec V270-T *PULSE* is ideal for on-site applications in conjunction with a generator. Can be used on

light sheet metal, stainless tank work, maintenance / repair and rural applications. With the integrated features of a professional TIG welding machine capable of the toughest jobs.

## ADVANTAGE LINCOLN

- Excellent arc characteristics, for a wide range of electrode types
- Generator compatible, ideal for site use
- HF and Lift TIG ignition meeting all requirements
- Full function user-friendly control panel layout for easy setup of welding parameters
- Air-cooled or Water-cooled with use of the Coolarc 20
- HIGH speed PULSE to adjust the arc focus, reduce distortion and increase travel speed
- Built-in VRD
- Weighing only 14.5 kg, the V270-T *PULSE* is both lightweight and portable
- Digital amp meter
- Fan on demand built-in reduces power and the intake of dust
- Recessed controls and connections designed to eliminate damage
- Two year warranty

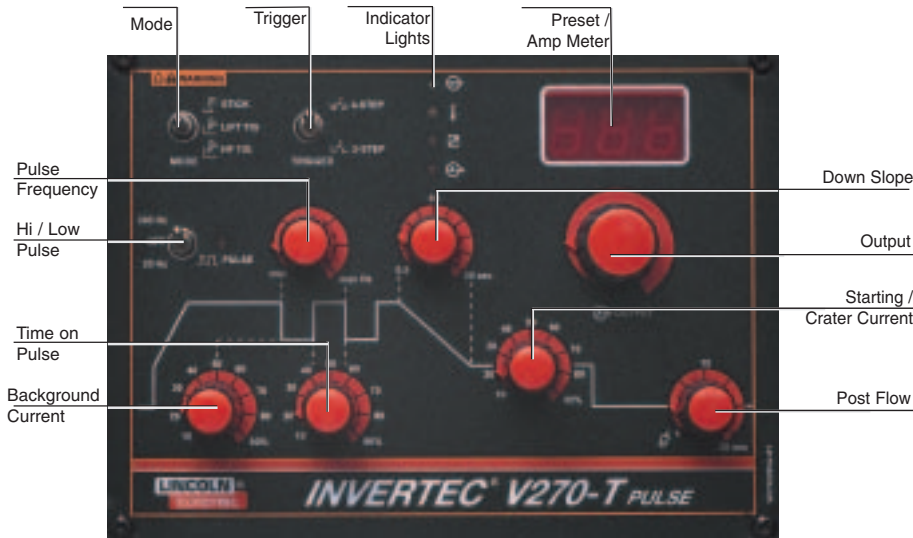


### High frequency pulsing benefits:

- Less distortion
- Higher travel speed

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## A CLOSER LOOK



## FEATURES

Feature	Parameter
Down Slope Time	0.5 - 20 sec
Post Flow Time	0.5 - 30 sec
PULSE Frequency (low)	0.2 - 20 Hz
PULSE Frequency (high)	3 - 300 Hz
On Time peak	10 - 90 % (of welding cycle)
Backgr./Peak Current	10% - 90% (of welding current)

## TECHNICAL SPECIFICATIONS

Part Number	Description	Input Voltage	Rated Input AS1966.1	Output Range	Duty Cycle	Rec. Generator @ max output	Max OCV	Weight	Dimensions H x W x D (mm)
K12003-1	Invertec V270-T Pulse	415V	20 A (slow)	5 - 270A	200A @ 100% 270A @ 35%	10kVA	48VDC	14.5kg	385 x 215 x 480

Part Number	Description	Input Voltage	Water Out	Weight (kg)	Dimensions H x W x D
K1904-1	Coolarc 20	240V	2.5l/min	9.4 (inc. coolant)	180 x 215 x 480

## ACCESSORIES

Part No	Description
KA 1386-05	Work return lead 5 m
K32006	Reditig SR17 torch 8m
K32007	Reditig SR17 FX torch Flex head 8 m
K32008	Reditig SR26 torch 8 m
K32009	Reditig SR26 FX torch, flexhead 8 m
K32011	Reditig SR18 torch, watercooled 8 m
K870	Foot amptrol
K857	Remote output control



Pictured with Cool-Arc 20

### CUSTOMER ASSISTANCE POLICY

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