



## DESIGNED AND ENGINEERED FOR DURABILITY & RELIABILITY

The Invertec® V405-T PULSE has been designed and manufactured using the latest digital inverter technology. Resulting in a machine that combines versatility, rugged industrial construction with excellent arc characteristics. The Invertec® V405-T PULSE is manufactured in a lightweight but robust outer casing, making it portable and ideal for operation even in the most hazardous environments. Designed with the welder in mind this piece of equipment, with its generator compatibility and complete versatility, can be fully utilized anywhere from sites to workshops.

As a professional TIG welding machine the Invertec® V405-T PULSE is a source of all the standard welding features such as: HF TIG ignition, Lift TIG ignition, 2 or 4 step, variable down slope and post flow control.

The V405-T PULSE has also been designed to include a digital pre-set meter with Hold Function and a built-in Variable Pulse. To give the welder an adjustable arc focus a



variable high frequency PULSE facility is included. This unique feature allows the arc to be adapted to suit the application while reducing heat input. The result being a more controlled weld, less distortion and increased welding speed. Development focused further on the needs of the welder by designing the control panel to illustrate the welding sequence, making it user friendly, clear and easy to understand.

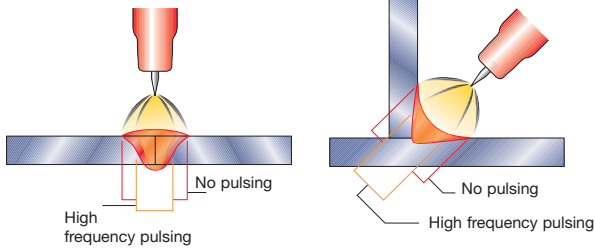
As a standard the V405-T PULSE is air-cooled, however by simply adding the Coolarc 30 water-cooler the unit is adapted into a professional water-cooled TIG welder.

## ADVANTAGES

- ✓ Input voltage compensation
- ✓ 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 and Water-cooled with use of the Coolarc 30
- ✓ HIGH speed PULSE to adjust the arc focus, reduce distortion and increase travel speed
- ✓ V405-T PULSE is highly robust and portable
- ✓ Pre-set digital meter with hold function for fully procedured work
- ✓ Fan on demand built-in reduces power and the intake of dust and fumes
- ✓ Recessed controls and connections designed to eliminate damage
- ✓ Meet EN60974-1, ROHS and CE standards for safety and reliability
- ✓ Built the Lincoln way 'RUGGED & RELIABLE'
- ✓ Two Year warranty on parts and labour

# Technical Details

## HIGH FREQUENCY PULSE



## 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 current)
Backgr/Peak Current	10 - 90% (of welding current)



## TECHNICAL SPECIFICATIONS

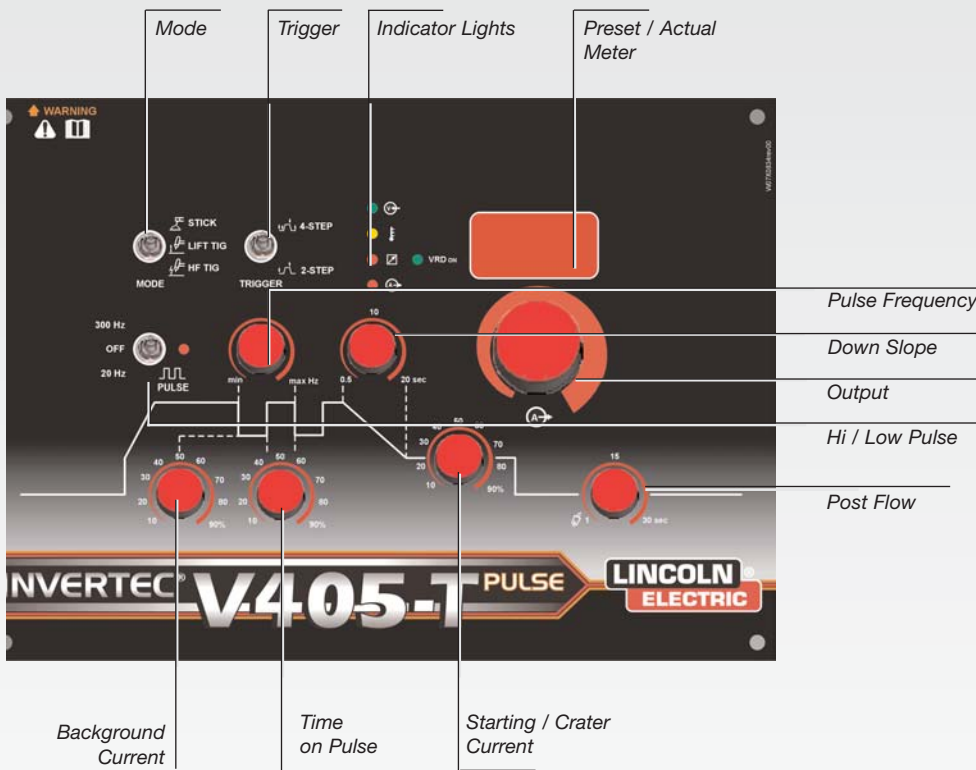
Product Name	Item Number	Standard Voltage	Fuse Size	Weight	Dimensions H x W x D	Protection Class	Insulation Class	Compliance
Invertec® V405-T PULSE	K12027-1	400V 3Ph	30A superlag	31KG	500x270x610	IP23S	H	EN60974-1 / EN50199 CE
Product Name	Item Number	Standard Voltage	Freq.	H. Max	Dimensions H x W x D	Water Out	Weight incl. Coolant	
Coolarc 30	K2168-1	400V 1Ph	50Hz	32m	256x275x610	9 L/Min.	14KG	

## WELDING OUTPUT

Current Range	Rated Output TIG DC (40°C)	Rated Output MMA DC (40°C)	O.C.V.
5 - 400A	400A 36V@/35% 300A/32V@100%	400A 36V@/35% 300A/32V@100%	48Vdc

## ACCESSORIES

Designation	Item number
Cable kit 400A, 70mm², 5m	KIT-400A-70-5M
Gas pressure regulator	Consult us
Remote output control - 15m	K10095-1-15M
TIG torch 180A@35%, LT26 G, 4 or 8m	K10513-26-x
TIG torch 320A@100%, LT18 W, 4 or 8m	K10513-18-x
Water cooler Cool Arc™ 30	K2168-1
Undercarriage 4 wheels	W0200003



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