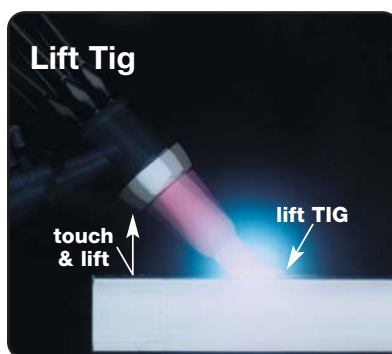




## THE TOUGH, POWERFUL PROFESSIONAL WELDER

The Invertec® V405-S Stick and Lift TIG welder has been designed and manufactured using the latest digital inverter technology. Resulting in a machine that combines rugged industrial construction with excellent arc characteristics. Designed with the welder in mind this portable and robust piece of equipment, with its generator compatibility and complete versatility, can be fully utilized anywhere from sites to workshops.

The Invertec® V405-S features “Lift TIG” which enables the welder to start the TIG arc by lifting the tungsten electrode from the work piece without tungsten contamination or the need for H.F. ignition. The Invertec® V405-S is equipped with an adjustable “Hot Start” providing a higher starting current for easy striking of the electrode. Also incorporated is an adjustable “Arc Force”, variable depending on the electrode selection and application. This prevents sticking and shorting of the electrode and provides additional flexibility.



The Invertec® V405-S is also equipped with a digital meter showing the presettable welding current, actual welding current or Voltage during welding. The optional remote control allows for fine adjustments during welding. The high duty cycle of the machine supports continuous welding with a wide variety of electrode types.

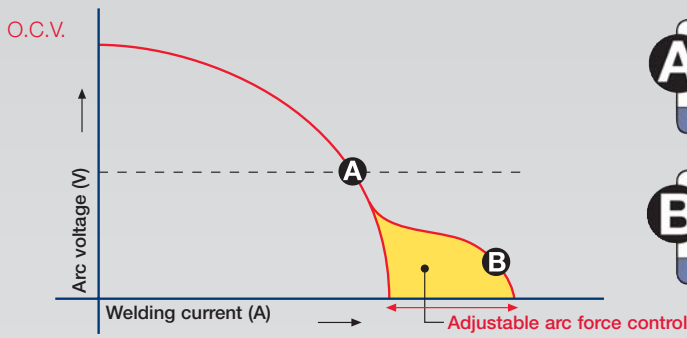
The Invertec® V405-S has a solid industrial construction integrated with the features of a professional Stick and Lift TIG welding machine capable of the toughest jobs.

## ADVANTAGES

- ✓ Excellent arc characteristics, for a wide range of electrode types
- ✓ Maximum output of 405 amps allows the use of electrodes up to 6,3 mm
- ✓ Welding capabilities of Rutile, Basic and Cellulose electrodes
- ✓ Infinitely variable “Arc Force” and “Hot Start” features
- ✓ Features “Lift TIG” with no tungsten contamination
- ✓ Full featured and user-friendly control panel
- ✓ Digital display allows precise setting of welding current
- ✓ Thermostatic overload protection
- ✓ Fan on demand built-in reduces power and the intake of dust and fumes
- ✓ Rugged case design for portability and impact resistance
- ✓ Recessed controls and connections designed to eliminate damage
- ✓ Input voltage compensation
- ✓ 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

## ARC FORCE



## TECHNICAL SPECIFICATIONS

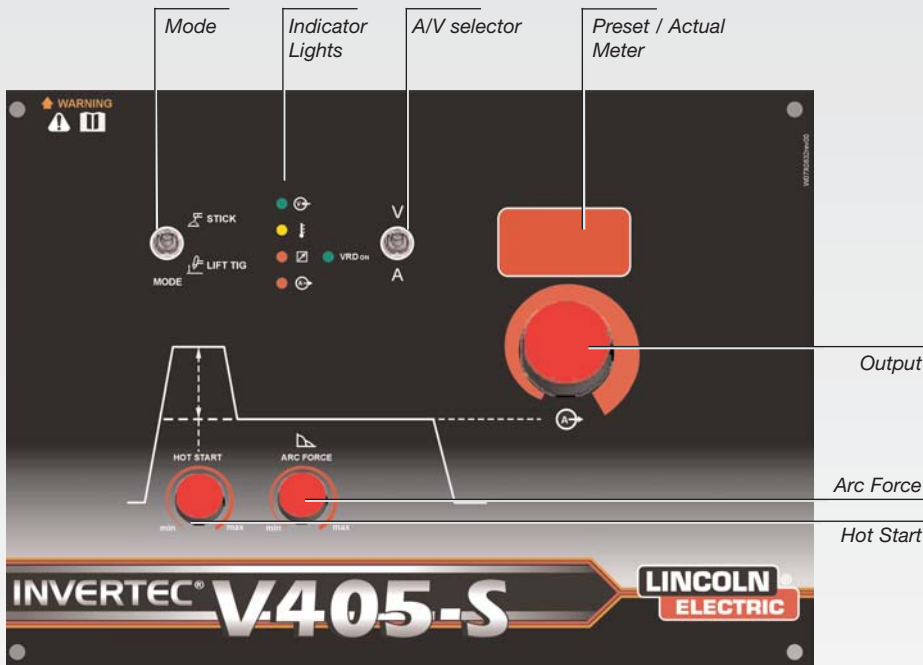
| Product Name    | Item Number | Standard Voltage | Fuse Size  | Weight | Dimensions H x W x D | Protection Class | Insulation Class | Compliance               |
|-----------------|-------------|------------------|------------|--------|----------------------|------------------|------------------|--------------------------|
| Invertec V405-S | K12025-1    | 400V-3ph         | 30A (slow) | 31KG   | 500x270x610          | IP23S            | H                | EN 60974-1 / EN 50199 CE |

## WELDING OUTPUT

| Current Range | Rated Output TIG DC (40°C)        | Rated Output MMA DC (40°C)        | O.C.V. |
|---------------|-----------------------------------|-----------------------------------|--------|
| 5 - 405A      | 405A / 36V@35%<br>300A / 32V@100% | 405A / 36V@35%<br>300A / 32V@100% | 48Vdc  |

## ACCESSORIES

| Designation                            | Item number    |
|--|----------------|
| Cable kit 400A, 70mm <sup>2</sup> , 5m | KIT-400A-70-5M |
| Gas pressure regulator                 | Consult us     |
| Remote output control - 15m            | K10095-1-15M   |
| TIG torch 140A@35%, LT17 GV, 4 or 8m   | K10513-17-xVS  |
| Undercarriage 4 wheels                 | W0200003       |



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