

# LINC i400

Portable and robust equipment for professional Stick and Lift TIG welding

**Manufactured to combine both a sturdy industrial construction with excellent arc characteristics!**

LINC i400 Stick and Lift TIG welder is a portable and robust equipment providing excellent arc characteristics. With its generator compatibility and complete versatility it can be fully utilized anywhere from sites to workshops. Featuring "Lift TIG", "Hot Start" and an adjustable "Arc Force", this machine has enormous flexibility. The high duty cycle of the machine supports continuous welding with a wide variety of electrode types. LINC i400 has a solid industrial construction with the features of a professional Stick and Lift TIG welding machine capable of the toughest jobs.

## FEATURES

- **Exceptional performance:** high duty cycle at 40°C (400A@60%)
- **Versatile** welding with any coated electrodes rutile and basic
- **Selectable VRD protection** for increased safety and adjustable arc force, hot start & anti-stick for greater control and ease of use
- **Digital current display** meter for accurate pre-setting and feedback of welding parameters & output
- **Phase loss protection** prevents damage as machine automatically shuts down if power supply phase loss occurs
- **Temperature, voltage and current sensors** for increased reliability & safety
- **Operating temperature -10°C to +40°C**
- **Compatible with motor generator**
- **Warranty period: 1 Year**



Product Number  
K69087-1

**Electrodes diameter from 1,6 to 5,0 mm**

## APPLICATIONS

- Heavy industrial fabrication
- Plant construction
- Pressure vessels
- Nuclear power station
- Shipbuilding
- Hardfacing
- Process industry

### Processes

Stick, Lift TIG



### Output



### Input



**LINCOLN  
ELECTRIC**

## Front view



- 1 Display: welding current and other parameters display when machine is working
- 2 Power indicator: this indicator lights when the machine is on an ready for use and it is connected to the mains supply
- 3 Alarm indicator: this indicator lights when occurred over voltage, over current, or overheating inside the machine
- 4 Welding Mode Selection: MMA/ VRD/ Lift TIG
- 5 MMA indicator
- 6 VRD indicator
- 7 Lift TIG indicator
- 8 Current knob: Rotate it to adjust current, range: 20-400A.
- 9 Hot Start knob: 0-10.
- 10 Arc Force knob: 0-10.

## ACCESSORIES

| Product Number | Product Name   |
|----------------|--|
| W10529-17-4V   | TIG welding torch WTT2 17V – 135A – 4m, valve, conn. 13 mm |
| W000260681     | KIT 50C50  |
| W000260682     | KIT 50C50+   |



W10529-17-4V



W000260681 (KIT 50C50)  
W000260682 (KIT 50C50+)

### UNIT INCLUDES

Input cable 2,5m

Electrode holder cable 50mm<sup>2</sup>x5m and ground cable of 50mm<sup>2</sup>x5m

| Product   | Reference | Primary Voltage (50-60 Hz) | Rated Output (A)      | Output Range (A) | Open circuit Voltage (Vdc) | Fuse Size (A) (delayed) | Weight (kg) | Dimensions H x W x D (mm) | Protection Class |
|-----------|-----------|----------------------------|-----------------------|------------------|----------------------------|-------------------------|-------------|---------------------------|------------------|
| LINC i400 | K69087-1  | 400V/3Ph +/- 10%           | 400A@60%<br>310A@100% | 20-400           | 74<br>(18V VRD)            | 40                      | 18,4        | 355 x 255 x 540           | IP21S / H        |

The product performance data of this brochure and related attachments are from LINCOLN ELECTRIC application engineering laboratory.

Except for special instructions, experiments on welding machines are conducted in accordance with the general standard of IEC60974-1; experiments on welding consumables are conducted in accordance with the general standard of AWS; for specific applicable standards on welding consumables please refer to the product page.

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