

# Profi-Line E-Welding Inverters

## Liliput 280, 400 and 600

Suitable for generators with overvoltage and undervoltage protection

### Features

- IGBT technology.
- Very small casing; easy to handle.
- Low power demand; low consumption.
- 100 m welding cable possible without any problems.
- Equipped with LED display.
- Ultralight weight.
- Suitable for generators.
- Can be used for all basic and rutile coated electrodes.
- Self protection programs:
  - phase defects
  - overvoltage / undervoltage
  - overheating



### Very small but powerful

This ultralight and very small welder with high output power is a favourite for the heavy industry. Having the latest IGBT (nanotechnology) generation of semi-conductors on board means this MMA welder can work with welding cables of up to 100 m without any losing of power!

| Model                 | Liliput 280                                     | Liliput 400                      | Liliput 600                      |
|-----------------------|-------------------------------------------------|----------------------------------|----------------------------------|
| Supply voltage        | 3x 400 Volt 50 Hz<br>(other voltages on demand) |                                  |                                  |
| Rated power           | 10 kVA                                          | 16 kVA                           | 37 kVA                           |
| input voltage         | 290 – 480 V                                     |                                  |                                  |
| duty cycle 60 %       | –                                               | 400 A                            | 600 A                            |
| 100 %                 | 280 A                                           | 310 A                            | 480 A                            |
| Welding current range | 20 – 280 A                                      | 10 – 400 A                       | 16 – 630 A                       |
| no-load voltage       | 61 V                                            | 57 V                             | 63 V                             |
| Efficiency            | 90 %                                            |                                  |                                  |
| Welding electrode     | 2 – 5 mm                                        | 2 – 5 mm                         | 2 – 6 mm                         |
| Protection class      | IP 23                                           |                                  |                                  |
| Insulation class      | F                                               |                                  |                                  |
| Size (LxWxH) mm       | 335 x 186 x 330                                 | 335 x 186 x 330                  | 490 x 220 x 375                  |
| Weight (With cable)   | 9,3 kg                                          | 11,7 kg                          | 16,5 kg                          |
| Item no.              | 02.01.02.00280<br>(old:64125801)                | 02.01.02.00400<br>(old:64125800) | 02.01.02.00600<br>(old:64125810) |

| Accessories                                                     | Item no.                         |
|-----------------------------------------------------------------|----------------------------------|
| Welding cable, earth terminal and plug 5m, 35 mm <sup>2</sup>   | 02.12.02.00070<br>(old:34641635) |
| Welding cable with electrode holder 35 mm <sup>2</sup> 400 A 5m | 02.12.02.01070<br>(old:34641830) |
| Welding cable, earth terminal and plug 5m, 50 mm <sup>2</sup>   | 02.12.02.00090<br>(old:34641645) |
| Welding cable with electrode holder 50 mm <sup>2</sup> 600 A 5m | 02.12.02.01090<br>(old:34641840) |
| Welding cable, earth terminal and plug 5m, 70 mm <sup>2</sup>   | 02.12.02.00110<br>(old:34641655) |
| Welding cable with electrode holder 70 mm <sup>2</sup> 600 A 5m | 02.12.02.01110<br>(old:34641850) |
| Remote control for Liliput with 5 m cable                       | 02.01.02.80010<br>(old:64125811) |



**Scope of delivery:**  
1 power supply cable

**Optional:**  
1 remote control, 5 m cable

