

Buddy™ Arc 145

145 amp stick welder - portable solution for professional welding

The Buddy™ Arc 145 is a robust and durable power source for the professional welder. The machine provides state-of-the-art welding performance and reliability through use of the latest high grade IGBT technology.

Designed for durability

The Buddy™ Arc 145 is a user friendly, robust and light weight stick (MMA) welding machine.

The internal electronics are cooled by a highly efficient fan for added reliability and monitored by a thermal protection system. The machine has been equipped with three heat sinks which further extend the life time of the product.

The casing has been designed to withstand harsh environments and incorporates both a shoulder strap and a carry handle.



Control panel

The control panel on the Buddy™ Arc 145 is very easy to use with only one knob for the setting of the weld current.

Applications

- Plant Fabrication & Maintenance
- Site Maintenance/Repair
- Civil Construction
- General Fabrication
- Agriculture



MMA welding

Buddy™ Arc 145 provides a smooth DC (Direct Current) welding power which allows you to weld most metals such as alloyed and non alloyed steel, stainless steel and cast iron.

The Buddy™ Arc 145 can weld most electrodes from Ø1.6-3.2mm

- Superior arc characteristics - Smooth welding conditions
- Generator compliant - Suitable for use with generators
- Easy to use - Set the welding current and weld with excellent results
- Practical design - makes the power source easy to carry which enables use at almost any work site
- Robust design - withstands harsh environments
- Can be used with extended mains cable - provides extended working range

Technical data

| | Buddy™ Arc 145 |
|---------------------------------------|-----------------------|
| Mains voltage V/ph Hz | 230/1 50/60 |
| Fuse (slow), A | 16 |
| Permitted load at 40°C, MMA | |
| 15% duty cycle, A/V | 145/25,8 |
| 60% duty cycle, A/V | 70/22,8 |
| 100% duty cycle, A/V | 55/22,2 |
| Setting range MMA (DC), A | 10 - 145 |
| Open circuit voltage, V | 63 |
| Phase current I _{1eff} (MMA) | 10,8 A |
| Dimensions l x w x h, mm | 280 x 120 x 220 |
| Weight, kg | 3,6 |
| Enclosure class | IP 23S |
| Application classification | S |


Ordering information

| Description | Item number |
|--|--------------|
| Buddy™ Arc 145 Inverter Machine including 3 m MMA welding and return cable kit | 0700 300 884 |

Delivery contents:

3 meter welding cable and return cable kits included

PPE & welding accessories (see separate catalogue for complete offering)

| | | |
|---|--|--|
|  | Origo™ Tech 9-13 Yellow Origo™ Tech 9-13 Black | 0700 000 298 0700 000 296 |
|  | Eco-Arc 60x110, shade 11 Eco-Arc 90x110, shade 11 | 0700 000 938 0700 000 939 |
|  | Heavy duty basic | 0700 005 007 |
|  | Steel brush, 2 row Steel brush, 3 row Steel brush, 4 row | 0760 024 100 0760 024 200 0760 024 300 |
|  | SH 2 chipping hammer SH 3 chipping hammer | 0000 663 000 0683 200 001 |



Fan cooled



Thermal protection



Direct Current



Generator compatibility



Ø 1.6-3.2mm

Quality accessories for the quality welder

ESAB offers a wide range of accessories. For information on the complete product range, visit our website: www.esab.co.uk or contact your local ESAB distributor.

Unrivalled service and support

Our commitment and ability to deliver the expected service and support starts immediately after the order is confirmed. We endeavour to offer our customers an after sales service, which is second to none. A strong and skilful service organisation is prepared to offer service and maintenance, calibration, validation and upgrading of equipment and software.

The service organisation will offer standardised solutions for the reconditioning or modification of existing products.



The ESAB group
is certified
according to
ISO 14001 &
OHSAS 18001

