





Plastic Fabrication

Welding machines

| | |
|-------------|-------|
| booster EX2 | 60 |
| booster EX3 | 61 |
| Accessories | 62/63 |

Hot-air hand tools

| | |
|-----------------|-------|
| energy HT1600 | 10/11 |
| energy HT1600 D | 12/13 |
| energy HT3400 | 14/15 |

booster EX2 / booster EX3: strong

The booster plays to its strengths in plastics plants, tanks and underground engineering. It comes into its own for welding complete containers, facilities, pipe constructions or landfill sites. With the booster, you can achieve high-quality work on all common polyolefins. In contrast to the short and compact, booster EX2, the booster EX3, with a maximum output of 3.4 kg per hour, is ideal when working standing up.

Hand extruder

booster EX2

- Motor protection with optical display
- Double-sided wire feed
- Rotating handle
- 360° rotating welding shoes
- Additional handle that fits onto the side



Technical data for booster EX2

| | | |
|------------------------|-----------------------------|-----------------|
| Voltage | V~ | 230 |
| Max. power | W | 3000 |
| Welding wire | mm | Ø 3 / Ø 4 |
| Material | HD-PE , LD-PE , LLD-PE , PP | |
| Max. material output | kg/h | 2.5 |
| Dimensions (L × W × H) | mm | 500 × 140 × 380 |
| Weight | kg | 6.4 |
| Conformity marking | CE | |
| Protection class II | □ | |

Delivery contents kit

Instruction manual, transport case, T-handle Allen Key, carbon brush for drive motor, K8/10 welding shoe kit, heating element, brass brush

Delivery contents CN set

Instruction manual, transport case, T-handle Allen Key, carbon brush for drive motor, brass brush

Article no.

| | |
|--|---------|
| booster EX2, 230 V/3000 W, EU plug, kit | 146.738 |
| booster EX2, 230 V/3000 W, EU plug, CN set | 145.934 |

Hand extruder

booster EX3

- Only 6.9 kg / 15.2 lbs heavy
- CE Conformity marking
- Ergonomic rotary handle
- High-quality barrel extruder
- Easy to operate



Technical data for booster EX3

| | | |
|------------------------|------|-----------------------------|
| Voltage | V~ | 230 |
| Max. power | W | 3000 |
| Welding wire | mm | Ø 3 / Ø 4 |
| Material | | HD-PE , LD-PE , LLD-PE , PP |
| Max. material output | kg/h | 3.4 |
| Dimensions (L × W × H) | mm | 630 × 140 × 380 |
| Weight | kg | 6.9 |
| Conformity mark | | CE |
| Protection class II | | □ |

Delivery contents kit

Instruction manual, transport case, T-handle hex socket wrench, carbon brush for the drive motor, UBL30/1.5 welding shoe kit, heating element, brass brush

Delivery contents CN set

Instruction manual, transport case, T-handle hex socket wrench, carbon brush for the drive motor, brass brush

Article no.

| | |
|--|---------|
| booster EX3, 230V/3000W, EU plug, kit | 146.917 |
| booster EX3, 230V/3000W, EU plug, CN set | 145.936 |

Accessories



Accessories



115.366
Welding wire HDPE,
Ø 4 mm, black, 5 kg



115.355
Welding wire PP, Ø 4 mm,
gray/beige, 5 kg



119.178
Scraper set



131.693
PTFE pressure roller



116.900
Heating element with pro-
tective mica tube, 2-pin



170.652
Heating element with pro-
tective mica tube, 3-pin



Application

| | Booster EX2 | Booster EX3 |
|--------------------------------|-------------|-------------|
| Tank construction | +++ | ++ |
| Electroplating bath | ++ | + |
| Water tanks | +++ | ++ |
| Sewage systems | +++ | ++ |
| Ventilation systems | ++ | + |
| Aquaculture facilities | +++ | ++ |
| Laboratory construction | ++ | - |
| Vehicle construction | +++ | +++ |
| Maritime infrastructure | +++ | ++ |
| Large-scale pipes | ++ | +++ |
| Leisure infrastructure / pools | +++ | + |
| Plastic repairs | ++ | - |
| Geomembranes | + | +++ |





Welding shoes



126.102
Basic welding shoe,
complete



126.100
Blank welding shoe kit



126.101
Welding shoe kit
UBL30/1.5



126.116
Welding shoe kit
K8/10



126.105
Welding shoe fillet weld
K8/10



126.106
Welding shoe fillet weld
K15



124.430
Welding shoe V-weld
V8/10-X15/20



124.431
Welding shoe V-weld
V12-X25



124.432
Welding shoe V-weld
V15-X30



124.582
Welding shoe overlap
UBL25



124.583
Welding shoe overlap
UBL30



124.585
Welding shoe overlap
UBL35



124.610
Welding shoe outer corner
weld C015



124.611
Welding shoe corner weld
Ø 14 CL 14



124.628
Welding shoe corner weld
Ø 20 CS 20