

DUOFIX

BATTERY-POWERED STUD WELDING UNIT WITH DOUBLE WELDING GUN
FOR SIMULTANEOUS WELDING OF TWO STUDS

SPECIALLY DESIGNED FOR MOUNTING OF HEAT COST ALLOCATORS

BUTTON FOR CONTROLLED TRIGGERING
OF THE DOUBLE WELDING OPERATION

AUTOMATIC TRIGGERING OF THE
DOUBLE WELDING OPERATION

LASER ALIGNMENT AID FOR
PRECISE STUD POSITIONING

SCALE ON THE GUN FOR EASY SETTING OF THE
STUD SPACING (19-63 MM)

LCD DISPLAY AT THE TOP
OF THE UNIT

BATTERY CAPACITY: UP TO 300 DOUBLE WELDS
(OPTIONAL: UP TO 500 DOUBLE WELDS)

LONG-LASTING HIGH-END
LITHIUM BATTERY
(APPROX. 1000 CHARGING CYCLES)

OPTIONAL:
CHARGING DIRECTLY AT THE 12V ON-BOARD
SOCKET OF A MOTOR VEHICLE

LIGHTWEIGHT - ONLY 4,6 KG
(UNIT INCL. WELDING GUN)

INTEGRATED IN PRACTICAL AND
CONVENIENT CARRYING CASE





VERY EASY TO USE

LIGHTWEIGHT

- » weight only 4,6 kg (unit incl. welding gun)
→ 30% lighter than comparable competitor units!

INTEGRATED IN PRACTICAL AND CONVENIENT CARRYING CASE

- » offers plenty of room for additional tools, wear parts and welding studs
- » with robust carrying handle and padded carrying strap
- » custom-fit sorting boxes for stud holders and studs are included
- » edge protection
- » total weight incl. carrying case: 6,9 kg

LCD DISPLAY AT THE TOP OF THE UNIT

- » easy to read
- » display of welds performed (welding counter resettable)
- » display of welds still possible
- » charging state indicator (colour changing of the display)

CONVENIENT WELDING GUN WITH INNOVATIVE FEATURES

- » laser alignment aid for precise stud positioning
- » scale on the gun for easy setting of the stud spacing (19-63 mm)
- » automatic triggering of the double welding operation
- » Alternatively, the welding operation can be triggered in a controlled way by pressing a button. This function can quickly be activated or deactivated.
- » flexible and robust welding gun cable (length: 1,2 m (optional 2,1 m))
- » integrated splash, arc and sound guards
- » easy to maintain and robust design

POWERFUL

- » perfect welds of very high strength
- » battery capacity: up to 300 double welds
→ 50% more capacity than comparable competitor units!
- » optional: high-performance battery with a capacity for up to 500 double welds



SPECIALLY DESIGN OF HEAT COST

LONG-LASTING HIGH-END LITHIUM BATTERY

- » Battery life approx. 1000 charging cycles!

FULL BATTERY CHARGE FROM MAINS IN ONLY 3 HOURS

EASY, TOOL-LESS CHANGE OF BATTERY

OPTIONAL: CHARGING DIRECTLY AT THE 12V ON-BOARD SOCKET OF A MOTOR VEHICLE

EFFICIENT ENERGY MANAGEMENT

- » automatic stand-by mode (after 30 minutes)
- » automatic shut-down (after 60 minutes)

MAINS OPERATION

- » Alternatively (e.g. when the battery is empty), the DUOFIX can be operated at every power socket.

UTMOST SAFETY



- » electronic function control
- » self-diagnosis system
- » automatic function test
- » repeat cycle lock to avoid welding on already welded studs
- » battery deep discharge protection

OPTIONALLY AVAILABLE WITHOUT CARRYING CASE

- » The very compact unit (dimensions: 170 x 125 x 198 mm) fits easily into any tool case!

HIGH QUALITY, DURABLE STAINLESS STEEL UNIT BODY






FIXED FOR MOUNTING T ALLOCATORS



TECHNICAL DATA

Welding range	2 x M3
Welding material	steel, stainless steel, aluminium
Welding sequence	2 double welds/min
Stud spacing (continuously adjustable)	19-63 mm
Battery capacity	up to 300 double welds (optional: up to 500 double welds)
Battery life	approx. 1000 charging cycles
Battery charging time	3 hours
Weight (unit incl. gun)	4,6 kg
Weight of gun	0,6 kg
Total weight (unit incl. gun and carrying case)	6,9 kg
Unit dimensions (W x D x H)	170 x 125 x 198 mm
Gun dimensions (W x D x H)	30 x 92 x 130 mm
Carrying case dimensions	400 x 200 x 240 mm
Gun cable length	1,2 m (optional: 2,1 m)
External power adapter (for charging/welding from mains)	100-240 V, 50/60 Hz, 2250 mA





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