

### STUD WELDING TECHNOLOGY BY 📀 SCHÖLER + BOLTE

## 

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

SPECIALLY DESIGNED FOR MOUNTING OF HEAT COST ALLOCATORS

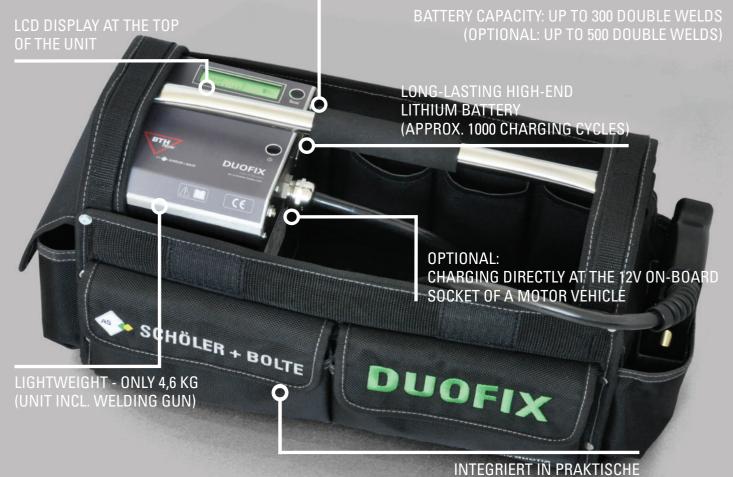
#### BUTTON FOR CONTROLLED TRIGGERING OF THE DOUBLE WELDING OPERATION

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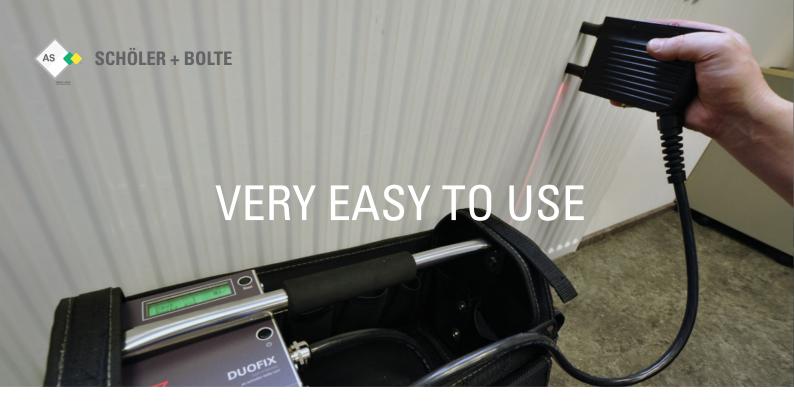
AUTOMATIC TRIGGERING OF THE DOUBLE WELDING OPERATION

#### LASER ALIGNMENT AID FOR PRECISE STUD POSITIONING

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



UND KOMFORTABLE TRANSPORTTASCHE



#### LIGHTWEIGHT

» 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 be 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 of up to 500 double welds

#### LONG-LASTING HIGH-END LITHIUM BATTERY





## SPECIALLY DESIGN OF HEAT COST

» 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



# ED FOR MOUNTING ALLOCATORS



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#### **TECHNICAL DATA**

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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







#### AS SCHÖLER + BOLTE GMBH

Flurstraße 25 <u>D-58285 Gev</u>elsberg

Tel.: +49 (0)2332 55106-0 Fax: +49 (0)2332 55106-11

Ohmstraße 3 D-85221 Dachau

Tel.: +49 (0)8131 5159-0 Fax: +49 (0)8131 5159-11

E-Mail: info@as-schoeler-bolte.com



as-schoeler-bolte.com