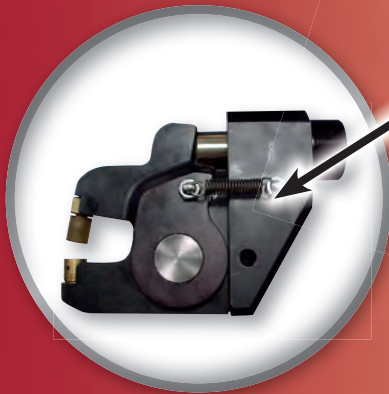




## Rechargeable battery clinch and pierce unit ULBG 602



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GmbH



**Exchangeable  
tool holder!**



360° turnable



Battery &  
main operation



Single-hand  
control

## Features:

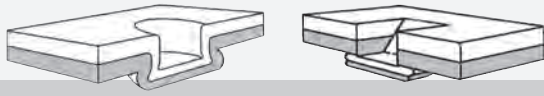
- **Clinch operation:**  
Up to 6 mm in mild steel  
Up to 6 mm in aluminium
- **Pierce operation:**  
Max. sheet metal thickness depends on size  
of punching hole and material
- **Ergonomic** design
- Stroke limitation by mechanical device,  
electronically regulated
- Handling weight  
incl. rechargeable battery only **5.6 kg<sup>1</sup>**
- Tool holder **turnable to 360°**
- Various **tool holders** available  
as C-frame and X-frame
- Quick press stroke with automatic back stroke  
via single handed control
- Powerful **Li-Ion** rechargeable battery  
for optimal power
- USB connection **for process control**
- also available with power supply unit  
(230 V/110 V)

<sup>1</sup>C-frame (Steel) with 38 mm throat depth

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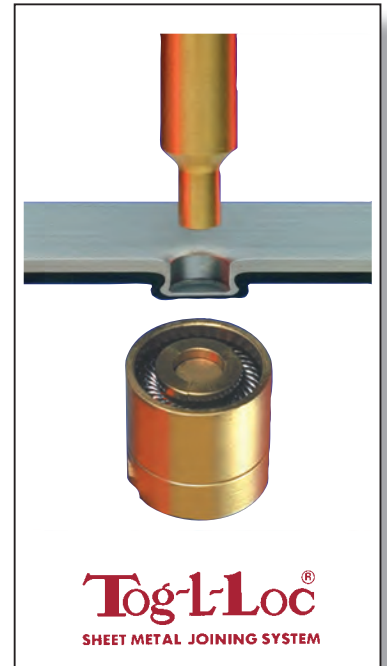
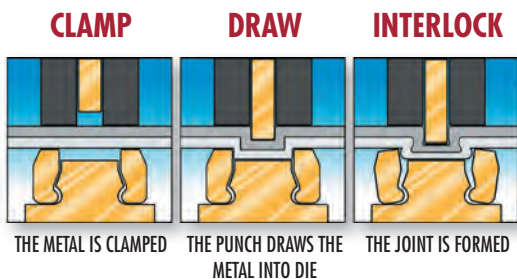
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The **BTM clinch and pierce unit ULBG 602** has been designed as a mobile and robust hand held clinch unit with a very high joining force at low handling weight. Therefore, the **ULBG 602** is perfectly suitable for mobile use in- and outside a factory.

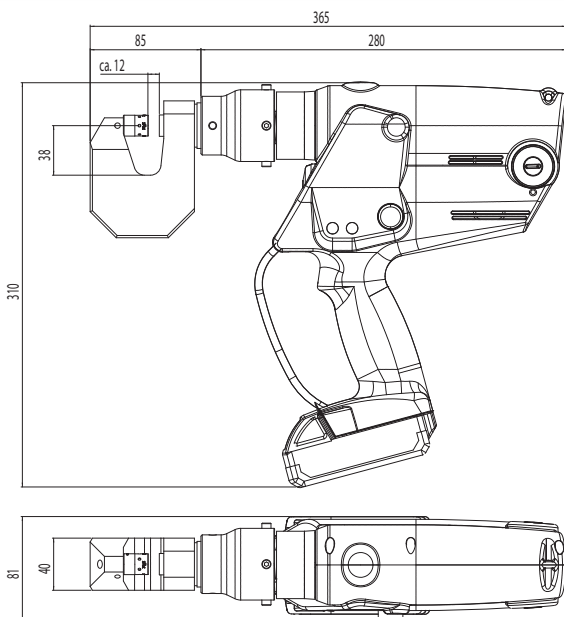
Due to its ergonomic and compact construction principle, easy handling is possible even with narrow dimensions.

The joining stroke is activated by one push button, when reaching the front position a retract stroke will be initiated automatically. The pressing procedure can be interrupted at any time.

### Clinching procedure



## Technical details: ULBG 602



<b>Weight with battery:</b>	4,1 kg unit only
<b>Total weight:</b>	5.6 kg with C-frame (38 mm throat depth)
<b>Max. clinch force:</b>	20 - 60 kN electronically adjustable
<b>Stroke:</b>	12-25 mm adjustable
<b>Cycle time:</b>	depends on length of stroke
<b>Clinch tooling<sup>1</sup>:</b>	punch and die reversibly exchangeable
<b>Rechargeable battery:</b>	18V/3 Ah Li-Ion
<b>Battery capacity:</b>	approx. 400 strokes - depends on length of stroke -
<b>Charging time:</b>	approx. 45 min

<sup>1</sup> depends on style of tooling head

Scope of supply:  
Power unit, tooling head with clinch or punch tool, rechargeable battery, charger

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