

Rechargeable battery clinch and pierce unit ULBG 602

BTM

[Europe]
Blechverbindungstechnik
GmbH



360° turnable

**Exchangeable
tool holder!**



Battery &
mains operation



Single-hand
control

Features:

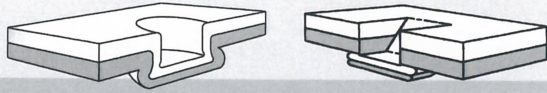
- **Clinch operation:**
Up to 6 mm in mild steel
Up to 6 mm in aluminium
- **Pierce operation:**
Max. sheet metal thickness depends on size
of punching hole and material
- **Ergonomic** design
- Stroke limitation by mechanical device,
electronically regulated
- Handling weight
incl. rechargeable battery only **5.6 kg¹**
- 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
(220 V/110 V)

¹C-frame (Steel) with 38 mm throat depth

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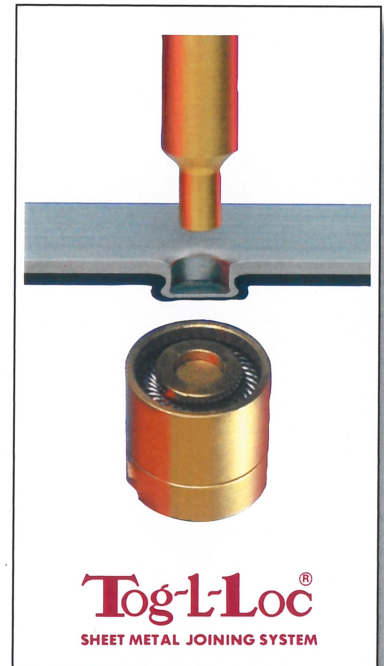
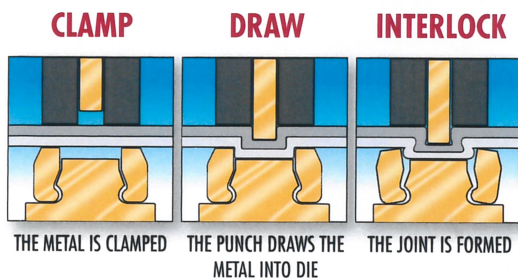
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The **BTM clinch and pierce unit ULBG 602** has been designed as a mobile and robust hand held clinch unit with a very high joining force at low handling weight. Therefore, the **ULBG 602** is perfectly suitable for mobile use in- and outside a factory.

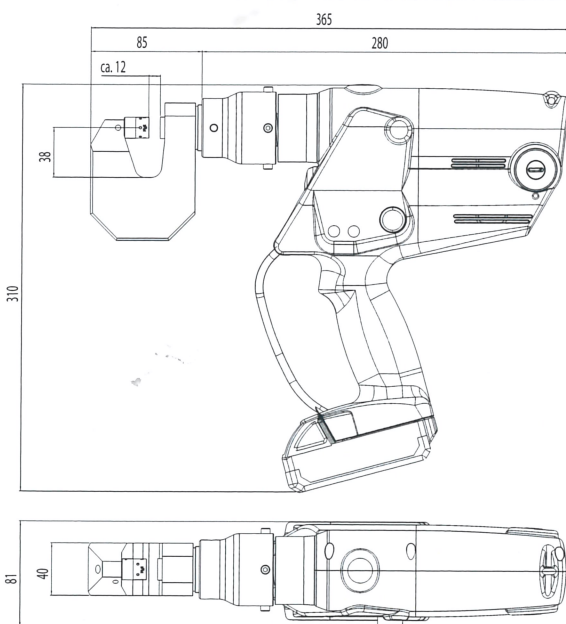
Due to its ergonomic and compact construction principle, easy handling is possible even with narrow dimensions.

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



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

¹depends on style of tooling head

Scope of supply:

Power unit, tooling head with clinch or punch tool, rechargeable battery, charger

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