



Rechargeable battery clinch and pierce unit ULBG 451

BTM

[Europe]
Blechverbindungstechnik
GmbH



Battery &
main operation



Single-hand
control



Features:

- **Clinch operation:**
Up to 4 mm in mild steel, up to 4 mm in mild steel
- **Pierce operation:**
Max. sheet metal thickness depends on size of punching hole
- **Ergonomic** design
- Stroke limitation by mechanical device
- Handling weight incl. rechargeable battery only **3.1 kg¹**
- Tool holder turnable to **360°**
- Wide range of tool holders available
- Quick press stroke with automatic back stroke via single handed control
- Powerful **Li-Ion** rechargeable battery for optimal power
- USB connection for quality control
- Main supply also by cable (220 V/110 V)

¹ C- frame (AL) with 32 mm throat depth

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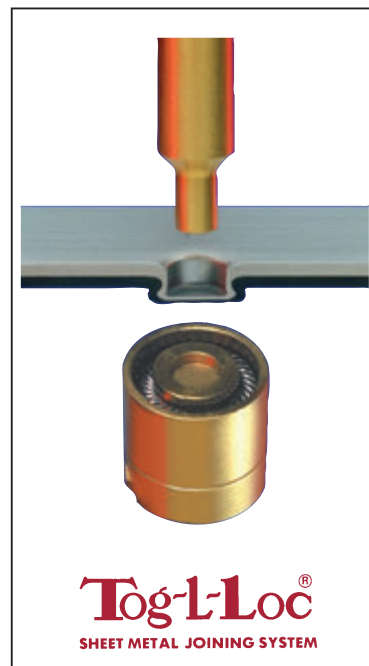
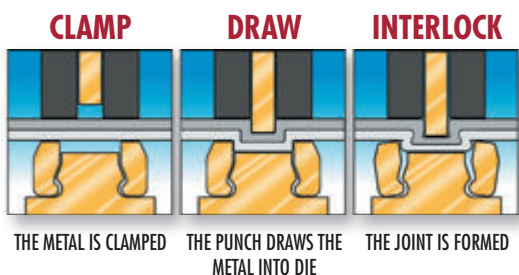


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The new **BTM clinch and pierce unit ULBG 451** is characterized by its compact, ergonomic construction principle and its high joining force. In addition to efficient Li-Ion rechargeable batteries the unit is also optionally available with a power supply for all common voltage systems.

Its low handling weight, the slim construction and the fast piston speed enable to operate in narrow areas.

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



Technical details ULBG 451



Weight of clinch unit ¹ :	3.1 kg
Length ² :	min. 370 mm
Width:	80 mm
Height ¹ :	123 mm
Max. clinch force:	45 kN
Power stroke:	16 mm
Clinch tooling ² :	punch and die exchangeable
Rechargeable battery:	18V/1,5Ah Li-Ion
Charging time:	approx. 30 min.
Noise level:	70 dB (A)

¹C- Frame AL with 32 mm throat depth
²depends on style of tooling head

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