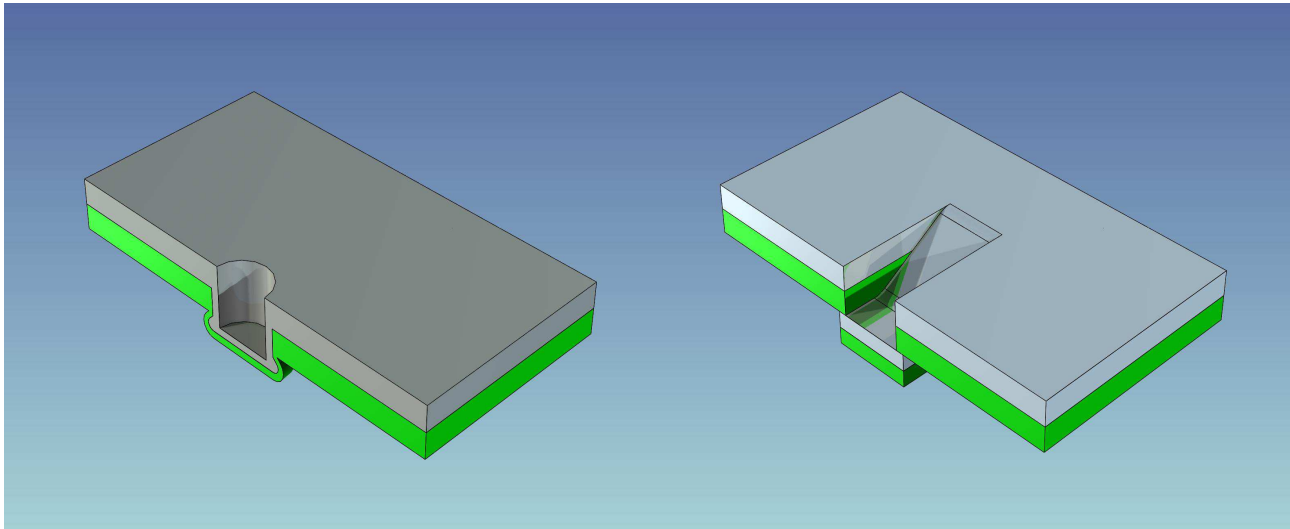


Clinching System



CLINCHING TECHNIQUE ADVANTAGES

⊙ **Quick assembly execution**

- Similar to spot welding
- Faster than rivetting
- Quicker than screw fastening (even self tapping)

⊙ **Low tooling costs**

- Less costly than other technologies
- Pre-drilling elimination
- Does not need any preparation

⊙ **No harmful fumes**

- Cold process without fumes emission

⊙ **Assembly of pre-painted sheets**

- Not possible in spot welded assemblies

⊙ **Sheets of different materials can be assembled**

- Example: copper + aluminium + zinc plated sheets etc

⊙ **Stainless steel sheets assembly**

⊙ **Low tooling weight**

- Not as heavy as in other technologies

⊙ **High efficiency**

- The high operating speed added to what above said, enable to achieve considerable cost savings

⊙ **Very reduced tooling sizes**

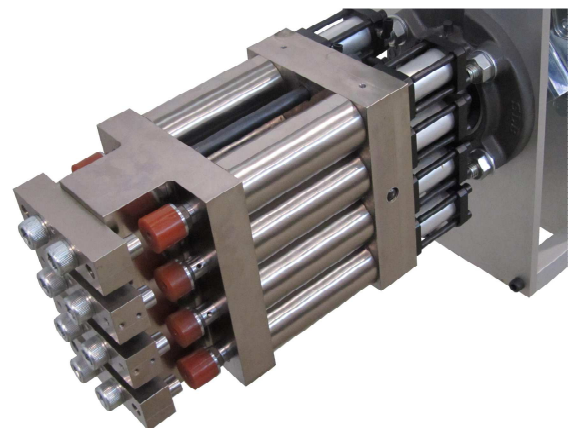
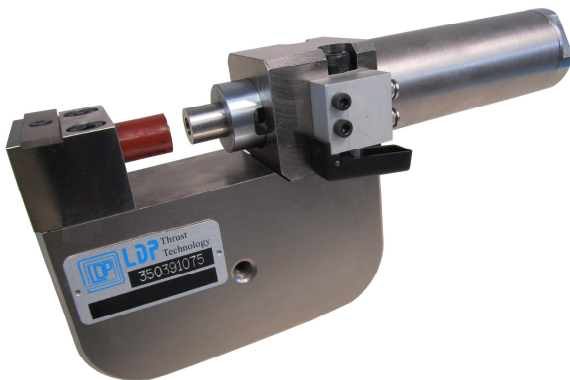
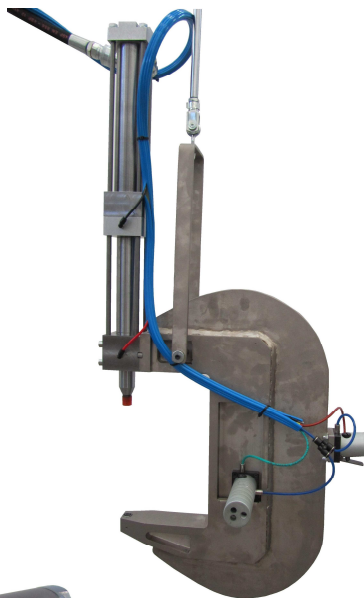
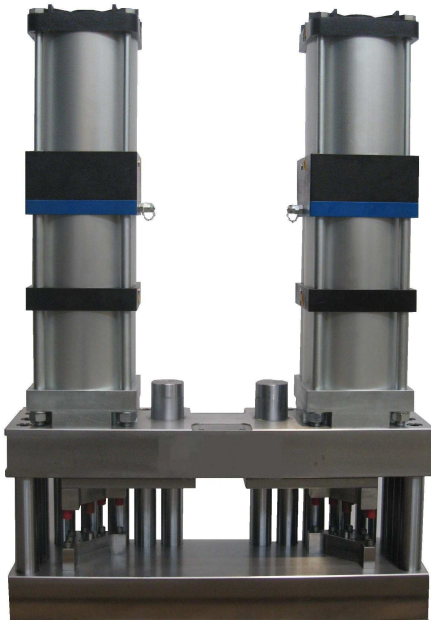
- Not as bulky as in other technologies

⊙ **Good resistance of the assembly**

- Approx. 70% of welding

⊙ **Excellent handling**

- This is due to the weight and sizes reduction in respect of other technologies



PRODUCTION PROGRAMME:
- Pressure booster, Air-Oil cylinders

- E-Type, CS-Type, KS-Type and special Press heads - Clenching systems
- Pneumatic and Hydropneumatic units with swan neck as well as pillars type

LDP thrust technology
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