



## Assembly equipment for all your Needs

Riveting | Joining | Roller forming | Pressing  
Screwdriving | Tooling | Workstations

## CLASSIC and CLASSIC-HPP

### Radial and orbital riveting, roller forming

The bench top riveting machines of the lines CLASSIC and CLASSIC-HPP contain 20 different unit sizes and offer many advantages:

- Riveting/forming force generated pneumatically or hydraulically, depending on the model
- Robust design and easy operation (unit quickly adjustable by crank mechanism)
- Short cycle time based on efficient operation
- Excellent price/performance ratio
- Rivet shank max.: Ø 2 – 30 mm
- Force range: 0.5 – 100 kN
- CLASSIC-HPP: with Process Control HPP-25<sup>1</sup>
- CLASSIC: with Time Based Control RC-30<sup>2</sup>



Radial<sup>1+2</sup>



Orbital<sup>1+2</sup>



Roller forming<sup>1</sup>

## ELECTRIC

### Radial and orbital riveting, roller forming

The ELECTRIC (available with HPPi Software) achieves forming results with amazing speed and precision due to power module containing two inline placed servo driven motors combined with high precision direct monitoring of force, stroke and temperature. Further advantages:

- 100% efficiency
- An even more range of rivets can be accommodated
- 100% electrically powered forming energy
- Low noise emissions & no emission of oil or vapour
- Greatly reduced process time yields increased output
- Industry 4.0 ready
- 100% Real time process control and monitoring. Linear force, speed and position are monitored at any point in the cycle



## Press range

BalTec (UK) Ltd offer a comprehensive range of presses to complement the riveting machines. These include manual, straight acting pneumatic, Hydro-pneumatic presses from Gechter in Germany. We also can supply the Janome range of electro-presses which gives you full control of the pressing cycle.



## Screwdrivers

BalTec (UK) Ltd also offer a range of screwdriver systems including pneumatic and electric with prices to suit your budget. We also can offer auto feed systems to suit your application. Please send us your application for evaluation, and we will send you our solution.



## Manufacturing & Automated Solutions

BalTec (UK) Ltd has over 30 years experience and a well established reputation for supplying innovative, high quality and cost effective solutions to a wide range of manufacturing industries. Automated systems and stand alone machines, designed and manufactured by us, are used by many global industrial organisations to help improve their efficiency, reduce manufacturing costs and increase the competitiveness of their operations.



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## Advanced Manufacturing Systems

Modern Manufacturing systems incorporate many different technologies that need to be integrated together. Flexibility in handling a variety of products and combining manual and automatic operations is often a critical factor in the success of these systems. By using high quality BalTec riveting machines, BalTec press systems and technology, combined with over 30 years system building expertise, we have the means to achieve the best possible results.

Our designer and control systems engineer are experts in all aspects of advanced manufacturing technology and are supported by the latest software.



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Do not hesitate to contact us, we are happy to help you!



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Joining is our business – worldwide

**BalTec**  
*engineering solutions*