Speed Fastening® Systems

Single-head Workstations

- For ergonomic workplace layout
- Simple to operate
- High mobility
- Easy integration into the production process

Pantograph workstation
Underbench workstation
Suspended tool
Workstation with process control

Multi-head Assembly Stations - Hydra® 1000

- Simultaneous installation of multiple fasteners maximises productivity and throughput
- Integrated component take-up devices reduce assembly time
- Component is loaded manually

Hydra 1000 offers e.g. for complete assembly of computer chassis

Adjustable 4-head MAS assembles two types of seat belt retractors; on two positions modules are adjustable against stopper

The Mini-MAS offers twin-head parallel assembly and linear adjusting for riveting pitches of 29 - 120 mm

Full Automation - MIRS & PMP Systems

- Automatic assembly machines suitable for integration into new or existing production lines
- MIRS system designed for continuous riveting
- PMP system loads, parallel to riveting of the component, a second mandrel and presents it for exchange
- Rivet supply via bowl feeder
- Operator-free assembly solution
- Modular design with simple maintenance processes
- Diagnostic capability through operator interface

Autoload Tool

Speed fasteners are installed with 753 tool. When all fasteners are spent the pistol is placed in the nest and the system automatically inserts a fully loaded replacement.
Breakstem Systems

Single-head Workstations

- Power tools can be suspended or mounted on a pantograph arm
- Other options include integration into the workbench and foot pedal operation
- Suspended tools, especially for vertical down riveting, with remote supply unit (pneumatic control, pressure intensifier, rivet stem extraction with stem collector)
- Stem extraction system remotely collects the stems and eliminates the need for emptying the stem collector bottle
- Easy integration into production process
- Ergonomic design

Multi-head Assembly Stations - Hydra® 2000

- Simultaneous installation of multiple fasteners maximises productivity and throughput
- Direction, type and number of riveting modules can be customised to customers’ requirements
- Components are loaded by hand
- Integrated fixtures reduce assembly time
- Process diagnostics can be easily integrated

Full Automation - Viking® & Avimat®

- Especially designed for use in automatic production processes
- Can be used in combination with robots, NC-axis or other transfer systems
- Fully automatic fastener feed
- The riveting cycle is completely monitored by SPC and visualised on the operator interface
- Process diagnostic options by monitoring system

Rivet Presenter

- Rotary bowl rivet feeding system
- Used in conjunction with our rivet tools the Rivet Presenter System offers single-handed, high-speed rivet feeding and setting.
- Feeder bowl capacity up to 1000 rivets; refilled in a few seconds
- Significant reductions in riveting cycle times possible
- Manual rivet feeding is eliminated enabling a white glove environment
- Single-handed operation leaves one hand free for other operations
- Enclosed feeder bowl and stem collection help keep working environment free from spilt rivets and stems
- For use with 3.2 mm - 4.8 mm (1/8” - 3/16”) rivets
Blind Threaded Inserts Systems

Single-head Workstations

- Suspended tool for ergonomical handling of vertical processing positions
- The trigger is integrated in the handhold of the tool barrel
- Can be mounted on a pantograph arm for easy positioning of the tool

Multi-head Assembly Stations - Hydra® 3000

- Simultaneous placement of multiple threaded inserts maximises productivity and throughput
- Inserts are fed by hand and automatically threaded onto the drive screw
- The inserts provide practical jig points for the components
- Integrated component take-up devices reduce assembly time
- Diagnostics provide quality control
- Process monitoring or clamping devices can be easily integrated

Full Automation - Autosert®

- The modular design of placing head and blow feed unit with PLC control cabinet of the Autosert® automated assembly system allows for fast and easy integration into assembly lines
- Will work as a stand alone unit
- The low weight and compact design of the placing head simplify handling
- Due to the large insertion depth the inserts can also be used in difficult to access areas of the component
- Self-correcting programme functions, e.g. the evacuation system that automatically senses and ejects inserts with damaged threads in a separate collecting box.
- Also available as multi-head machine for simultaneous fastener placing

Lockbolt Systems

Multi-head Assembly Stations

- Even while using two-piece lockbolt systems a simultaneous installation of multiple fasteners is possible
- Direction, type and number of placing heads is customised to the requirements of the application
- Collars and bolts are fed by hand and the components are placed on the riveting modules, all parts are manually loaded
- Hydraulic power units provide simultaneous installation of the bolts

8-head machine with bimanual control for assembly of fan wheels. Riveting modules are rapidly adjustable in a pitch circle ø of 145-225 mm. Quick resetting to different pitch circle diameters.