

Hand screwdriving technology

handy, ergonomic and versatile



HSP hand screwdriving system with pneumatic drive

Automatic bit stroke with adjustable stroke speed, adjustable friction or shutoff clutch, Weber swivel arm; the next screw can be fed in whilst the previous one is still being screwed > short cycle times



HSE/HET hand screwdriving system With EC drive

EC hand screwdriver for demanding, fully programmable screwdriving processes with automatic screw feed. For safety-relevant assembly processes or sensitive components. Adaptation of various drives and controllers possible. With optional "permanently protruding" screw. Automatic bit feed, extremely simple fault clearance.

Stationary screwdriving technology

Cost-effective and robust



Stationary SA series screwdriving units

Stationary screwdriving systems with automatic feed for screws, nuts, threaded bolts or other threaded components. Perfectly conceived and attuned to production deployment. Maximum availability, reliability and long tool life, extremely long maintenance intervals, high wear resistance. Modular, compact design with quick-change system for the bit, screwdriving head and power drive. Parallel approach of head and screwdriving stroke.



Insertion/press-in technology

fast, simple and controlled



PEB stationary insertion system

Hand-operated and stationary press-in units for serial assembly with automatic supply for pins, bolts and other parts.



Insertion system for SBM20/30 pop rivet nuts

Device configuration as a stationary unit or robot spindle. For round or hexagonal M5 - M12 pop rivet nuts, insertion force up to 20 kN, monitoring of force + stroke, with automatic feed.

Feeding technology

Feeding units and systems, hoppers, conveyors, escapements, vibration controllers

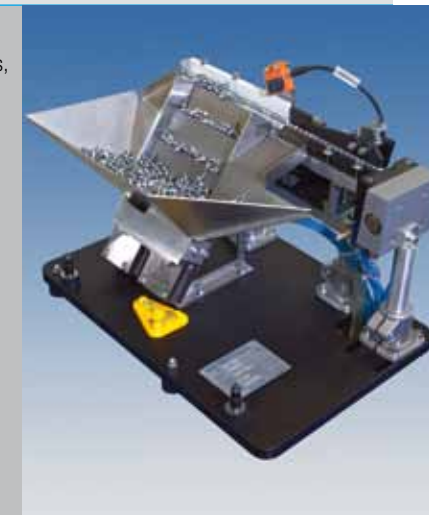


ZEB vibratory spiral conveyor

Features:

- Plastic vibratory spiral conveyor with resulting low noise emission, high service life, conservation of the material conveyed
- Optional integrated sequence controller and pneumatics for screwdriving unit supply system.

System for gentle supply of components, ideal for parts with coated, painted or sensitive surfaces. High output of up to 5000 parts/hours, low noise level. Suitable for screws, bolts, nuts and other connecting elements. Optional sequence controller



ZEL stepper feeder



Technology that connects
Screwdriving, inserting,
feeding, assembling

Specialised solutions
for all (screwdriving) situations

Service and representation
all around the world



Portfolio



Screwdriving process control with customer interface to the Master sequence control. Current controller or with torque / rotation angle sensor. Pre-defined screwdriving processes for simpler parametrising.



Assembly automation for flow-drill forming screws, special solutions such as vacuum screw units for difficult-to-access screwing locations, assembly stations with the newest technology: Weber has the right solution for your application.



C50S screwdriving controller

For individually parametrisable screwdriving processes, visualisation on a PC, laptop or touch panel. Statistics functions, graph display without retardation of the machine's work cycle, network-compatible. With integrated sequence controller.



Weber products are deployed mainly in high-volume manufacturing. Downtimes mean unnecessary costs. For this reason we pay attention to the extreme stability and rapid convertibility of our machines and also smooth and reliable customer service.

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- _ Netherlands
- _ Norway
- _ Portugal
- _ Romania
- _ Spain
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- _ Hong Kong
- _ India
- _ Israel
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- _ Korea
- _ Malaysia
- _ Mexico
- _ New Zealand
- _ South Africa
- _ Cyprus



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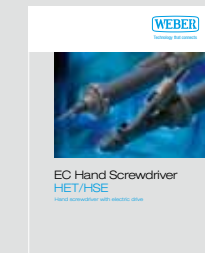
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Hand screwdriver with automatic feed system LCOM

- _ Hand screwdriving technology
- _ Stationary screwdriving technology
- _ Insertion/ press-in technology
- _ Feeding technology
- _ Process control
- _ Testing
- _ WEBER Service



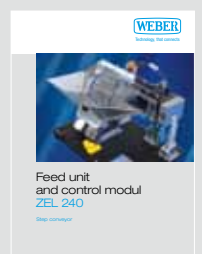
EC Hand Screwdriver HET/HSE



Stationary Screw Spindle



Feed and control unit



Feed unit and control modul ZEL 240



COSE Controller



Robotised screwdriving system

We would be pleased to send you further brochures and detailed information about our products. Our experienced Weber application engineers are also available at any time. We develop your individual problem solution together with you on the phone or in on-site meetings.