

Screwdriving systems with automatic feeding

- + For all types of fastening elements such as screws, nuts and threaded pins
- + From 0,02 up to 150 Nm
- + Process monitoring of torque, rotation angle, gradient, rotational speed, depth of insertion
- + Feed units such as bowl feeder, step feeder, segment feeder or channel feeder 100

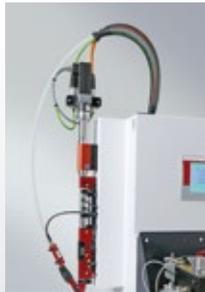
Your advantage

- + Reliable: advanced technology, perfectly suitable for continuous operation in series production
- + Easy servicing due to superior design
- + High availability due to quick bit change
- + High work efficiency due to firmly protruding screw
- + Ergonomic handling by automatic bit stroke, thus reducing the risk of material damage on the work piece
- + Selection of different drives, with or without analysis of data

Automatic screwdrivers



SEL
+ Economy line



SES
+ Slim, with integrated tool stroke



SEM
+ Nutrunner



SEV
+ With vacuum tool, for difficult-to-access screw driving locations



DGS
+ Automatic system for coil thread inserts



FSF
+ For flowdrilling screws



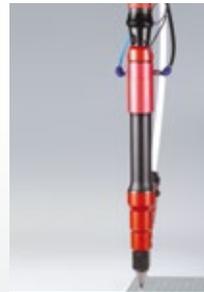
CSX
+ for Human-Robot-Interaction



KOLIBRI
+ for screw sizes from M1
+ high output rate
+ with controller and automatic feeding
+ suitable for robot adaption
+ suitable for transfer systems
+ suitable as assembly cell with manual mounting



HSF
+ Can be adapted to all types of motor drives
+ Firmly protruding screw
+ Automatic bit stroke



HST
+ Telescope-type screwdriver
+ Can be adapted to all types of motor drives



HSM
+ Nutrunner
+ Available also as vacuum-type version

Hand-held screwdrivers

SCREWDRIVING AND FASTENING SYSTEMS WITH AUTOMATIC FEEDING

www.stoeger.com

Rivet and inserting units with automatic feeding

- + For all types of fastening elements such as blind rivet nuts, pins, bolts etc.
- + Up to 60 KN
- + Process monitoring of force and displacement
- + Feed units such as bowl feeder, step feeder, segment feeder or channel feeder 100

Your advantage

- + Reliable: advanced technology, perfectly suitable for continuous operation in series production
- + Easy servicing due to superior design
- + High availability
- + Selection of different drives, with or without analysis of data

STÖGER AUTOMATION

Customised solutions



BMS
+ Automatic system for blind rivet nuts



EPE
+ Automatic inserting, setting and press-fit systems



HVS
+ Manual inserting and press-fit system



MULTI-SPINDLE MACHINES
+ For identical or different fastening elements
+ For simultaneous or successive fastening processes



ROBOT ADAPTION
+ For any work direction



ASSEMBLY CELLS
+ Manual, semi-automatic or fully-automatic version

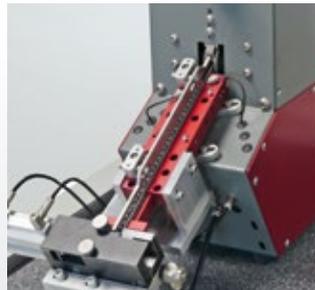
- + Your competent partner in development, design and construction of customised solutions since 1987
- + Laboratory for performance tests
- + On-site service for machine commissioning and maintenance
- + Detailed operating manuals



feed units



BOWL FEEDER
+ high output rate
+ suitable for all non-coated, oiled or micro-encapsulated fastening elements



SEGMENT FEEDER
+ low vibration
+ suitable for all fastening elements with sensitive surface



STEP FEEDER
+ low vibration
+ suitable for all fastening elements



CHANNEL FEEDER 100
+ no abrasion
+ no vibration
+ suitable for most fastening elements
+ very high output rate

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