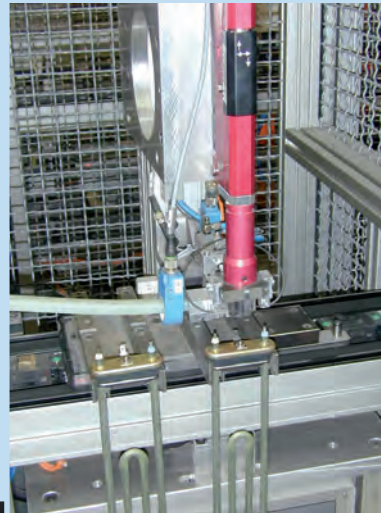
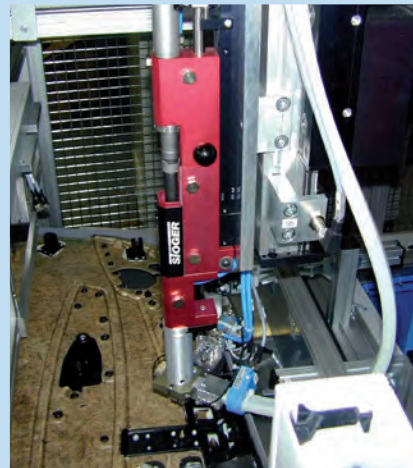


Assembling heating elements for water boilers



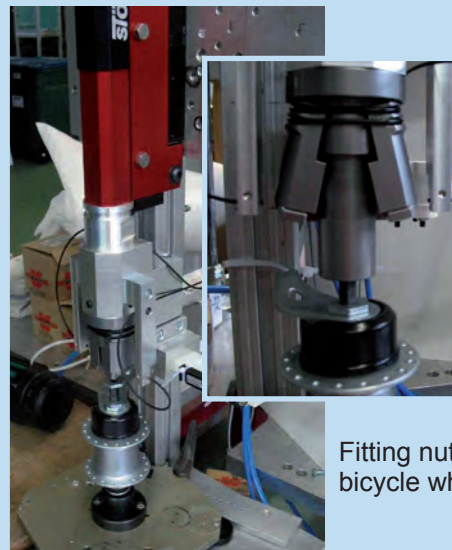
Assembling motor vehicle door trim panel



Attaching air bag assembly, vertically from below



Fitting nuts to bicycle wheel hub



TOP 100
We are among the 100 most innovative companies in Germany!



Lorenz Stöger being presented with the award by Lothar Späth

STÖGER
AUTOMATION



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Internet www.stoeger.com

STÖGER Screw and assembly systems

High-capacity Nutdriver units SEM-Series

with automatic feeding, developed for series production (automation)

STÖGER
technology put to your use!

Cycle times / Operating costs

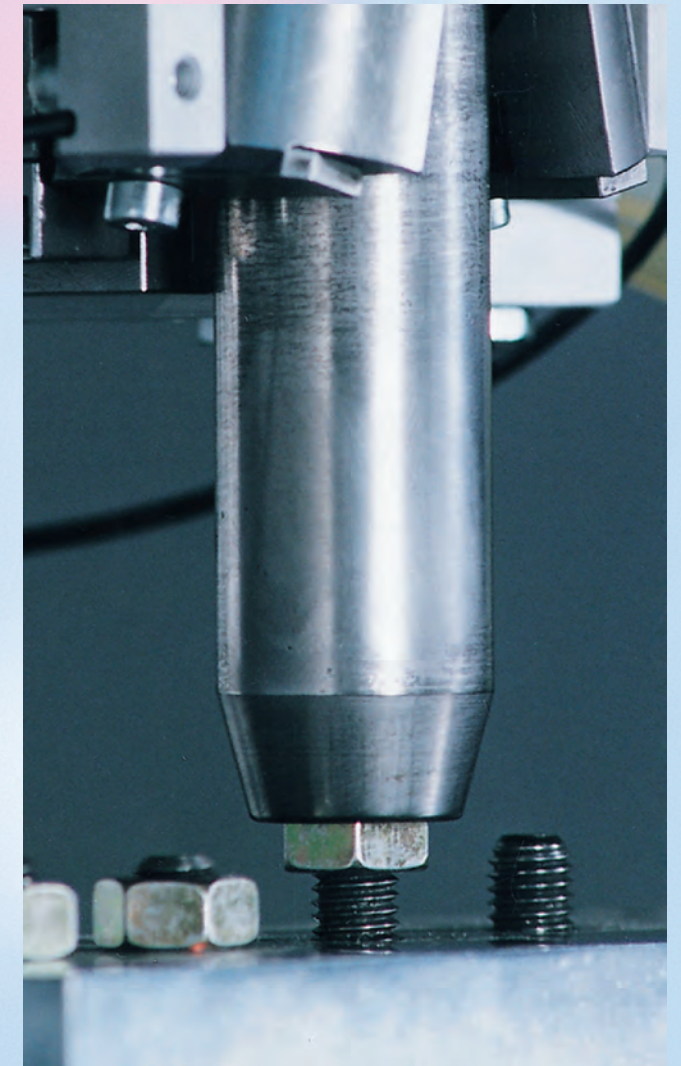
Automatic feeding

- Fully automatic operation - lower operating costs
- Semi-automatic operation - the operator can carry out preparation work during running. Doubling of output is possible.

Project support

We help you plan your project

- Consultation in system decisions per telephone or with a visit
- Price guides for your calculations
- 3D data for your presentation



Investment

Quality consistence that you determine

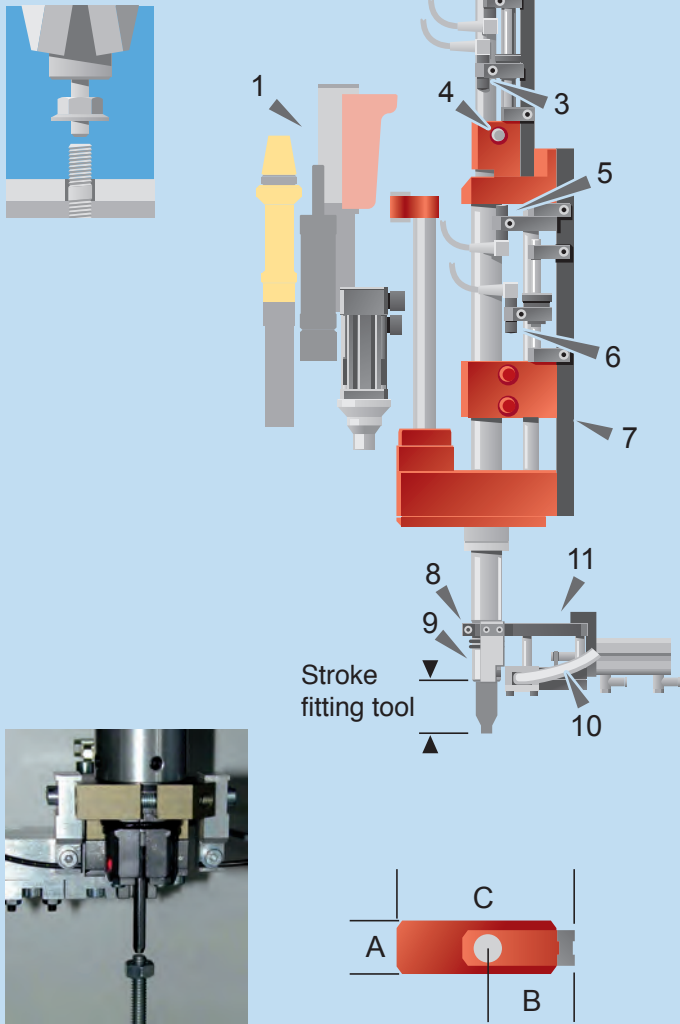
- The monitoring of the fitting process is your decision - as extensive as necessary, as economical as possible.

You decide the package

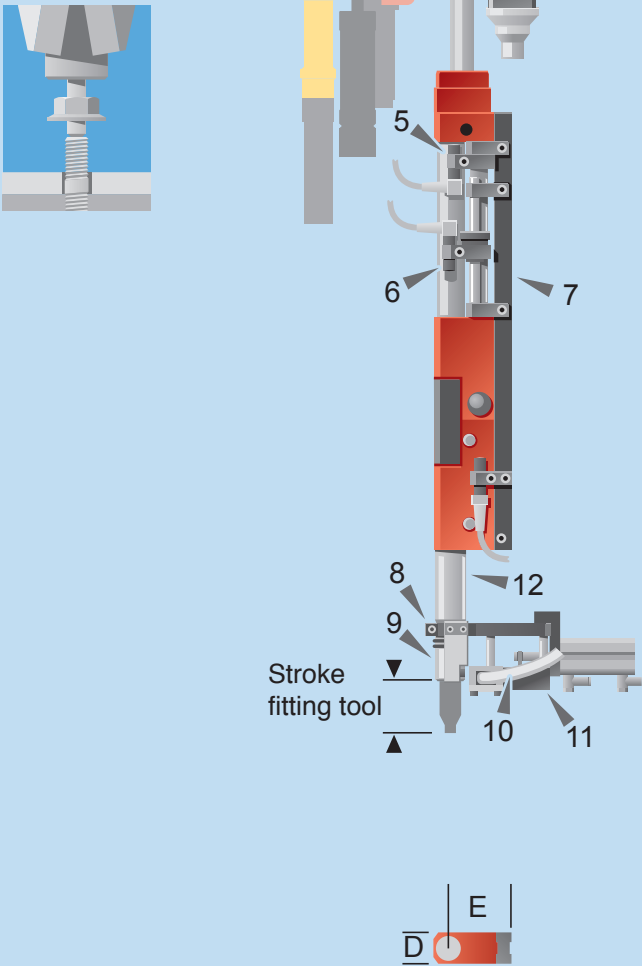
- A ready-to-use system with extensive STÖGER guarantee
- STÖGER components for integration in your system

Layout

Version 1
Controlled
centering pin



Version 2
Spring-loaded
centering pin



- 1

Motor (electric, pneumatic or free choice (see SES / SVS))
- 2

Centering pin return sensor
- 3

Centering pin depth sensor
- 4

Centering pin stroke adjustment
- 5

Return sensor (start position)
- 6

Depth sensor
- 7

Mounting plate
- 8

Locking screw to position nut-driving head
- 9

Centering jaws
- 10

Feed tube
- 11

Nut feeding assembly
- 12

Vacuum connection (if longer stroke or vacuum tool a requirement)

Technical data	SEM 1601	SEM 2001	SEM 2501	SEM 3201
Nut max. thread	M4	M6	M8	M12
Torque (Nm)	0,03-0,06	0,2-4,5	0,5-12,0	1,0-45,0
Stroke	15/30	25/50	35/70	50/100

Dimensions	SEM 1601	SEM 2001	SEM 2501	SEM 3201
A (mm)	-	-	-	52
B (mm)	-	-	-	82
C (mm)	-	-	-	189
D (mm)	25,0	30,0	35,0	43,0
E (mm)	42,0	58,0	68,0	86,0

Our advantages

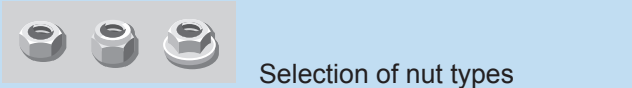
- Rotation of nutdriving head infinitely variable
- Compact design (short, small diameter, low weight)
- Variable mounting position

Control functions

- Torque
 - Fitting depth
 - Start position
- Nut-loading control
 - Special requirements

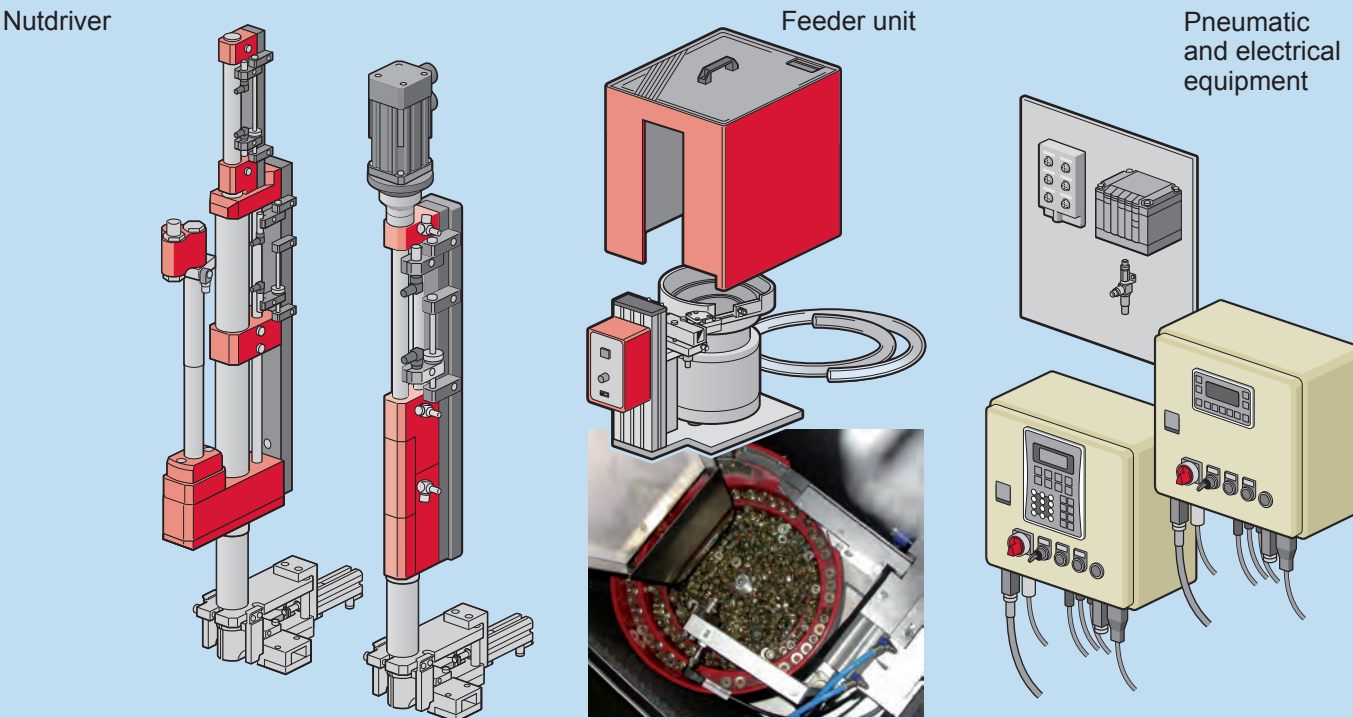
Easy servicing

- Simple socket change in operating position (without tools)
- Change does not require space between tool and workpiece



Package

- Supplied also as separate components



Free choice of drive

- In addition to the STÖGER pneumatic and electric range, our premium screwdrivers are designed to enable adaptation to other motors. This enables integration of your or your customers preferred unit.
- Adaption is carried out by STÖGER
- It is normally possible to continue use of the system presently in service.

