

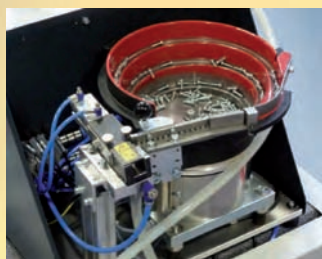
STÖGER Screw and assembly systems

Hand screwdriver HSH-Series with tool advance and automatic feeding

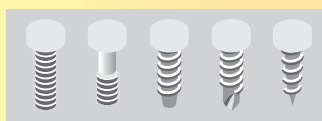
Well suited for all
applications!



Hand screwdriver
with automatic feeder



Feed and control
unit HSE



Selection of
thread types

Selection of
nut types



For automated assembly

- High production rates
- Recordable quality

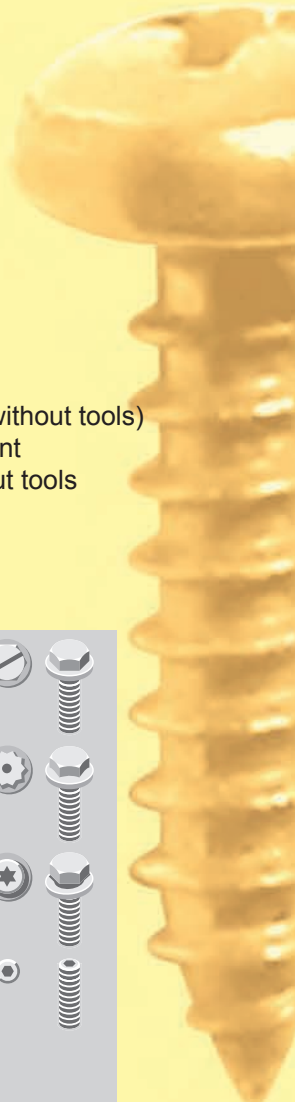
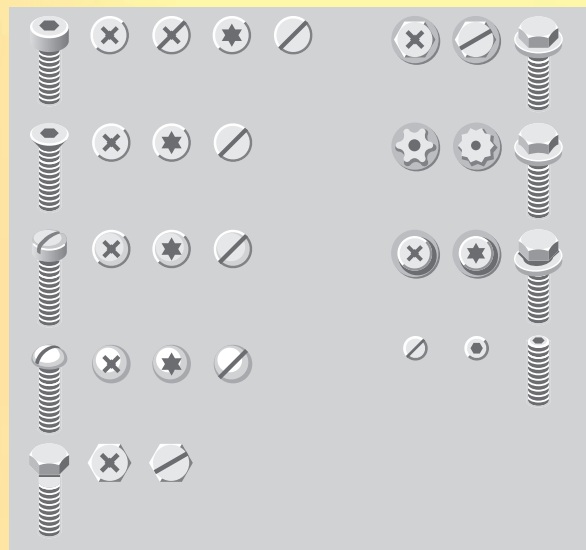
Applications

- Manual assembly stations
- Can be fitted to a robot

Easy servicing

- Screw blade change in 15 seconds (without tools)
- Easy and accessible torque adjustment
- Screw head can be dismantled without tools (bayonet fitting)

Selection of screw types



Simple operation

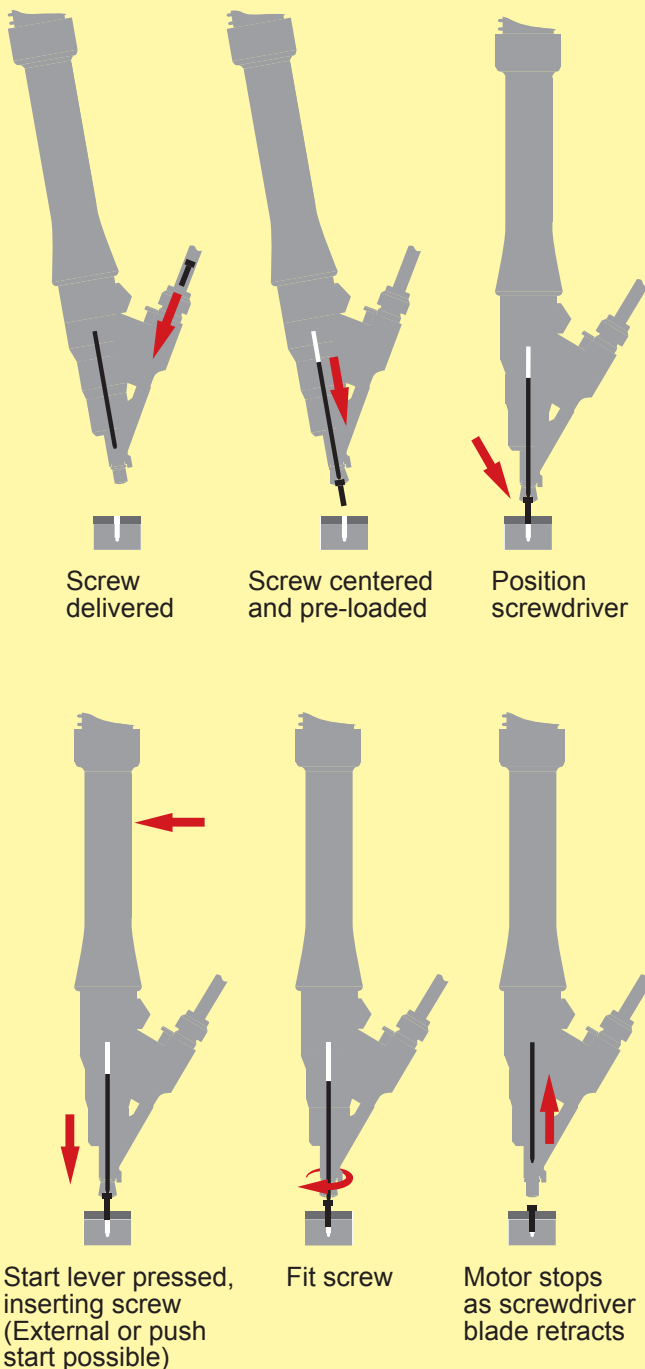
- Firmly protruding screw - quick positioning!
- Electronic start lever, start force <math>< 2\text{ N}</math>
- One shot clutch
- Air consumption only during screwdriving cycle
- Automatic screw feeding
- Ergonomic - small grip diameter
- Collet jaw not supported on the work piece
- Rescrewing possible - without screw feeding
- Tubes and cables bundled neatly in flexible hose
- Quiet operation - exhaust air pipe



Vacuum Hand screwdriver (HVH)

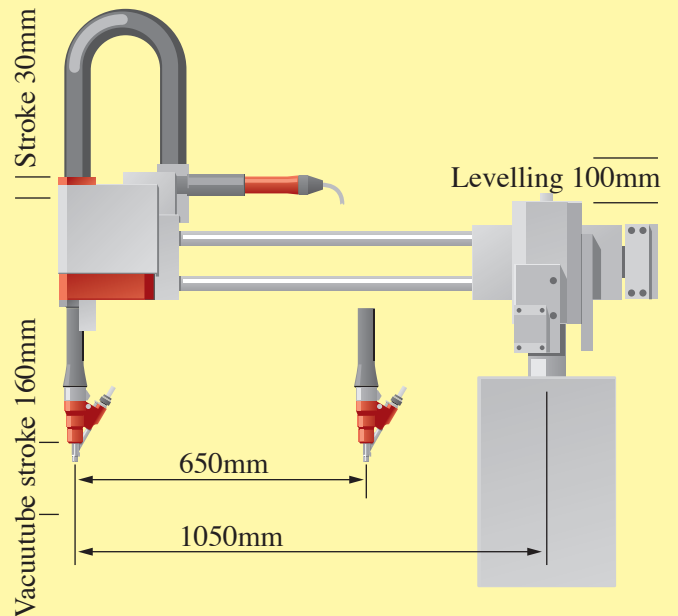
- For restricted access to fixing points

Function



Nut Hand screwdriver (HMH)

High torque Handscrewdriver Compact screwdriver and handling system with intelligent control



- Torque up to 50 Nm
- Automatic feeding of screws, nuts and studs
- Pneumatic and electrical drive-systems from your choice of supplier
- Automatic levelling for different screwdriving levels
- Counters
- Vacuum version for operating where access is difficult
- Extensive operating area
- Simple handling

Options



Feeding and Control Unit HSE

- Feeding system with built-in controls and pneumatics
- Capacity 0.4 or 1.0 litres
- Sound-proofed
- Air servicing unit



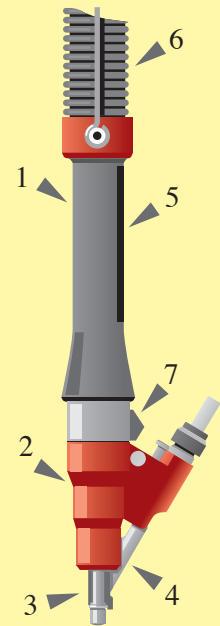
Pistol grip

QS Box for Quality Control

- Display
- OK/Not OK analysis
- Counter
- Key pad
- Quit/Cancel function

Layout

- 1 Ergonomic grip
- 2 Rotatable screw head
- 3 Centring jaws
- 4 Pivoting feed arm
- 5 Start lever
- 6 Exhaust air pipe
- 7 Vacuum connection (HMH/HVH only)

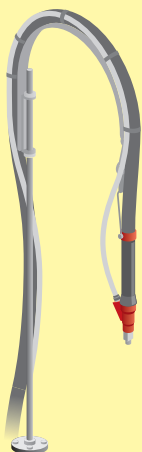


Signal exchange with external control

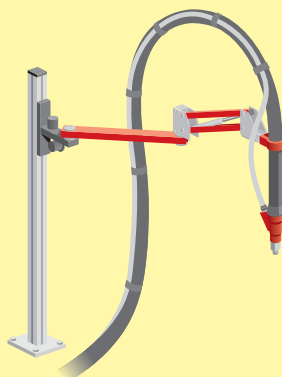
Various hanging attachments

Illustrated here with screwdriver, feeder and control units

Sprung hoop

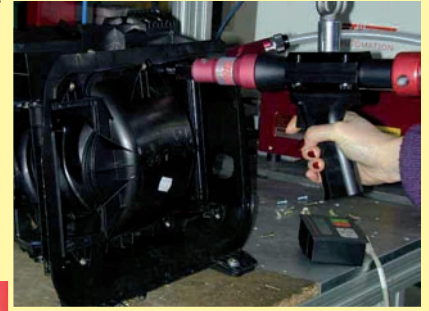


Parallelogram with pneumatic assistance



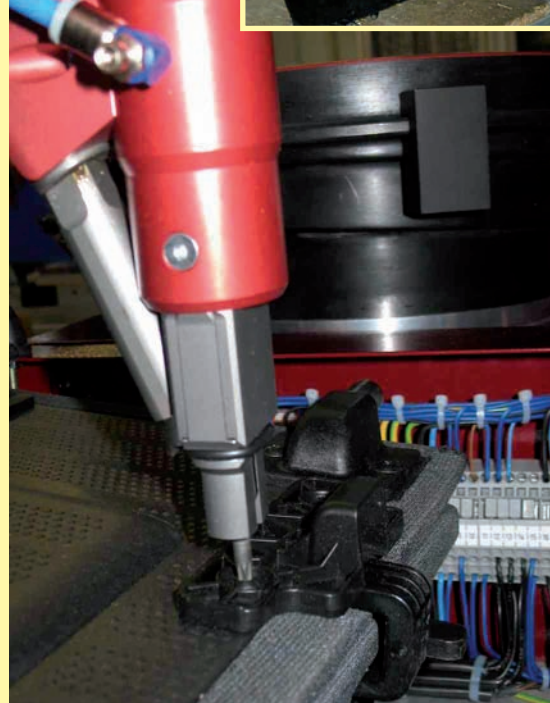
Technical Data	HSH (HVH) 1000	HMH 1000	HSH (HVH) 2000	HMH 2000
Screw head dia. max.(mm)	7	-	11	-
Screw length max.(mm)	20	-	30	-
Nut AF (mm)	-	8	-	10
Grip dia. (mm)	33		36	
Motor rpm (min ⁻¹)	900 / 1300		620 / 1400	
Torque max. (Nm)	2,0 / 1,4		5,0 / 3,5	
Weight (kg)	1,5		2,1	

Horizontal assembly of air-conditioner units



Fitting headlights in motor scooter fairings

Fitting nut (screwdriver with vacuum tool)



Luggage cover assembly



Fitting socket connectors

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



Lorenz Stöger being presented with the award by Lothar Späth

OUR TURN
YOUR ADVANTAGE

STÖGER
AUTOMATION

20.12.11



STÖGER AUTOMATION GmbH · Gewerbering am Brand 1 · D-82549 Königsdorf

☎ ++49(0)8179/99767-0 📠 ++49(0)8179/99767-50 Email stoeger@stoeger.com Internet www.stoeger.com