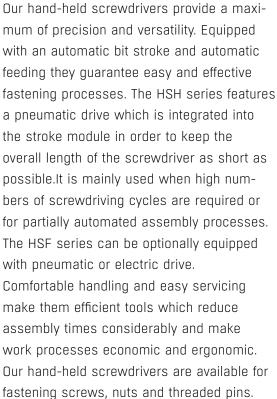
SCREWDRIVING
AND FASTENING
SYSTEMS WITH
AUTOMATIC FEEDING



HSF/HSH

Hand-held screwdrivers with automatic feeding of fasteners







Where necessary, they can be equipped with a vacuum module, e.g. if screwdriving locations are difficult to access.

ALL ADVANTAGES AT ONE GLANCE:

- + no force is required during the fastening process
- ergonomic design allows fatigue-proof handling
- + quick positioning of the screw allows for shorter cycle times
- + open drive interface, pneumatic or electric, free choice of type and brand
- + all screwdriving parameters can be adjusted by the operator
- + automatic feeding of the fastener
- + high availability and long service life
- + quick bit change without tools
- + quick torque adjustment



Technical data

	HSF	HSM	HSH 1000	HSH 2000
Screw head ø	4.5-15 mm*	-	3-8 mm*	4.5-15 mm*
Or screw size	M3-M8*	-	M3-M8*	M3-M8*
Nut	-	M3-M8*	-	-
Weight	ca. 1.2 kg w/o drive	ca. 1.2kg w/o drive	ca. 1.5 kg w/ drive	ca. 1.5 kg w/ drive
Grip ø	33 mm	33 mm	33 mm	36 mm
Torque	up to 16 Nm	up to 16 Nm	up to 1.7 Nm	up to 4.5 Nm
Noise level measurement	electric approx. 50 dBA	electric approx. 50 dBA	pneumatic approx. 60-80 dBA	pneumatic approx. 60-80 dBA
	pneumatic approx. 60-80 dBA	pneumatic approx. 60-80 dBA		
Vacuum version possible	yes	yes	yes	yes
Version w/ mag- netic bit possible	yes	-	yes	yes
Firmly protruding screw	yes	no	yes	yes
Drive	pneumatic/ electric	pneumatic/ electric	pneumatic	pneumatic

^{*} Standard, other sizes possible

Accessories

- Controller
- Automatic feed unit
- Hopper
- Fill level control
- Feed control
- Base frame
- Enclosure

- Acoustic cover
- Support arms (parallelogramtype supports, spring-loaded arms, handling device etc.)
- Pistol grip
- Template / work piece carrier

Firmly protruding screw function

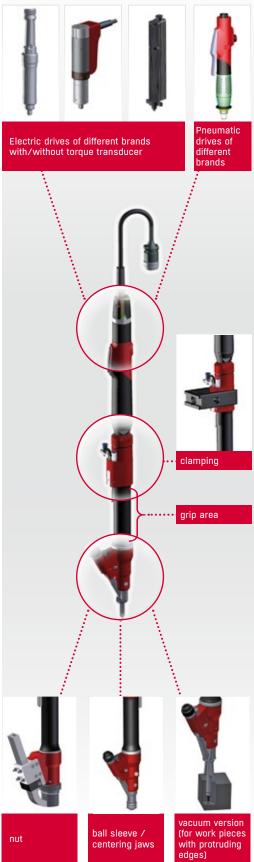




Bit holds screw in firmly protruding position



During the screwdriving process, the nose piece retracts upwardly away from the work piece without touching it



centering jaws