



# Hand Screwdriver With Automatic Feeding

**Dixon screw and assembly systems  
Simple in function and design**



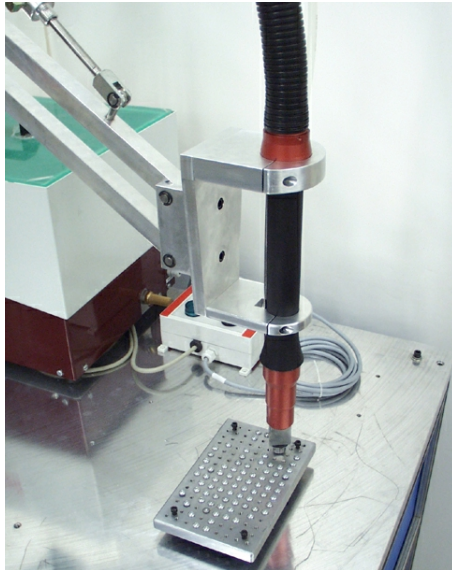
**Models:  
HSH 1000  
HSH 2000  
HVH 2000**

- EFFICIENT
- HIGH CAPACITY
- MULTI PURPOSE
- SERVICE FRIENDLY

***Flexible for all kinds of applications  
Set up for your needs***

- Used for all types of head screws and set screws
- Fixed protruding screw supported by screw bit for easy hand alignment
- If necessary, fitted with vacuum tooling for screw locations with restricted access
- QC-Box for quality assurance
- IO/NIO-signal

# HSH Hand screwdriver systems: Well equipped for all applications



## Accessories:

- Various handling devices (Balancer, Linear Handling ...)
- Manual workplaces, ready equipped tailored to your needs

## Screw feed system HSE:

- Housing with integrated controller and pneumatic
- HSE 1800, 7"Ø, 0.4 liter fill volume
- HSE 2600, 10"Ø, 1.0 liter fill volume
- Screw Escapement
- Sound Enclosure

## Options:

- Pistol Grip
- QC Box with IO/NIO signal
  - Torque Control
  - Time Control
  - Counter Functions
- Signal exchange with external controller

## Our Advantages:

### ◆ Simple to Handle

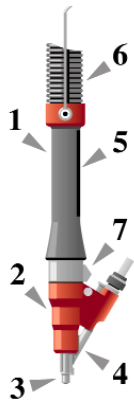
- Protruding bitstroke
- Little operation forces required
- Electronic start lever (force < 2 N)
- Small ergonomic start grip
- No damage to the workpiece because centering jaws do not touch (option)
- Easy finding of screw location with protruding screw (option)
- Centering jaws with screw guiding tailored to the workpiece
- Cycle without screwfeeding possible
- Central hose and cable tube
- Air consumption only during screwdriving cycle (Start with advance start, Stop with one shot clutch)
- Low noise operation because of exhaust canal
- Light weight

### ◆ Easy to service

- Screwdriver head can be dismantled without tools
- Bit change without tools
- Easy clutch adjustment
- Pivoting feed arm

### ◆ Vacuum Hand screwdriver (HVH)

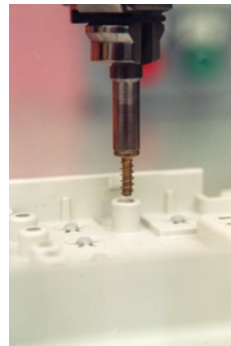
- Use for screw locations with restricted access (high interferences, deep countersunk holes)
- The screw is held by vacuum in the tool and sticks free on the bit



## Layout:

1. Ergonomic grip
2. Rotable screw head
3. Centering Jaw
4. Pivoting feed arm
5. Start lever
6. Exhaust pipe
7. Vacuum connection, (only for HVH type)

Vacuum Tool used for restricted access ▼



## Technical Data:

Type	Screw		Hand Screwdriver				
	Max. head dia (mm)	Max Total length (mm)	Motor Speed (Min <sup>-1</sup> )	Torque (Nm)	Stroke (mm)	Grip Diameter (mm)	Weight (kg)
HSH 1000	7.0	16.0 (20.0)	900	max. 2.0	55 (85)	33	1.5
HSH 1000	7.0	16.0 (20.0)	1300	max. 1.4	55 (85)	33	1.8
HSH/HVH 2000	11.0	25.0 (30.0)	620	max. 5.0	70 (100)	36	2.1
HSH/HVH 2000	11.0	25.0 (30.0)	1400	max. 3.2	70 (100)	36	2.6



▲ Hand driver in use



Main office and factory

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