



Fixtured Screwdriving Technology

SEM / SEK

Stationary Spindle for Nuts and
Head-Heavy Screws

SEM / SEK

- + **Model SEM** - For DIN flange- and special-nuts
- + **Model SEK** - For head-heavy screws

Features

- + **Automatic part feeding**
- + **Compact design** thanks to the parallel arrangement of screwdriver- and head stroke or optional application of an inverse drive adapter
- + **Less moving mass** the internal drive stroke allows the use of fixed drive and transducer modules resulting in a lower chance of cable damage through repetitive motion
- + **Vacuum-technology** enables reliable assembly where fastener positions are deeply recessed or in difficult to access locations
- + **High durability** thanks to wear-resistant surfaces, even without lubrication (low oil operation)
- + **Modular design allows other modules/drives to be easily retrofitted**
 - Pneumatic power drive with friction or shut-off clutch
 - Electrically controlled drives and sensors for torque and angle control
 - Electrically controlled drives with torque control using current measurement
 - Optional customer supplied drive unit
- + **Optional redundant sensors**
(VDI/VDE 2862 Page 1/Category A Danger to life and physical well-being)



Technical data

Series	03	10	30	60
Torque range [Nm]	0.3 - 3	1 - 10	3 - 30	6 - 60
Maximum rotation speed [rpm]	2,500	2,500	1,500	1,500
Head diameter [mm]	2 - 13	4.5 - 22	9 - 24	9-24
Size of nut (SEM)	M2 - M4	M3 - M6	M6 - M8	M6 - M10
Weight [kg]	approx. 5	approx. 7	approx. 9	approx. 11