

Fixtured Screwdriving Systems

SEB / SER

Fixtured Screwdriver with
Flexible Drive Concept

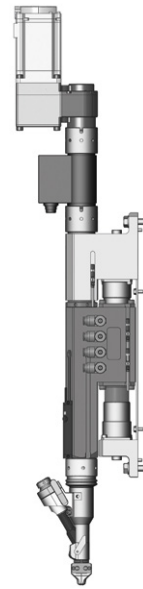


SEB / SER

- + **Model SEB** - Standard design with screwdriver and integrated head stroke
- + **Model SER** - Screwdriver stroke only (head stroke from additional slide or robot)

Features

- + **Automatic feed system**
- + **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
- + **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)



SEB



SER

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
Weight [kg]	approx. 5	approx. 7	approx. 9	approx. 11