



SBM25.

BLIND RIVET
NUTS.
EFFICIENT.
INNOVATIVE.

ENSURE PROCESS
RELIABILITY FOR
DETACHABLE
CONNECTIONS IN
ANY POSITION.

NEW!

WEBER

TECHNOLOGY THAT CONNECTS

SBM25 – insertion system for blind rivet nuts and bolts

YOUR BENEFITS:



LEVEL OF AUTOMATION

- + process optimization thanks to precise alignment of the fastener
- + avoiding downtimes due to automatic change of the mandrel



DURABILITY

- + optimized mechanical system for > 7 million cycles, even under maximum strain
- + spring-loaded mandrel protects the thread during insertion and removal



FLEXIBILITY

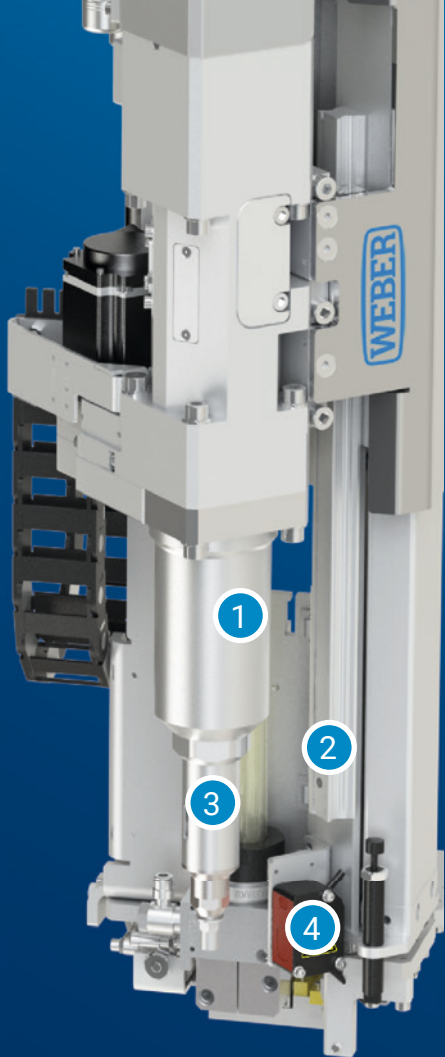
- + stable process, regardless of the position, in any working direction
- + the latest generation of IT security and control systems
- + spindle system with docking capability for alternating use of different sizes or types (nuts, bolts)



SPEED

- + cycle times from 5 s possible for efficient automation
- + feeding of fasteners during the insertion process
- + efficient use of non-productive robot times





CONNECTIONS WITHOUT COMPROMISES: OUR SOLUTION FOR YOU.

- 1** maximum process reliability due to precision path and force monitoring
- 2** precise, laser-based alignment of fastener and workpiece
- 3** automatic change of the mandrel (main wear part)
- 4** automatic ejection of faulty fasteners

Technical data

INSERTION FORCE

up to max. 25 kN (continuous operation)

INSERTION STROKE

approx. 15 mm

HEAD STROKE

approx. 100 mm

POSSIBLE FASTENER SIZES

M4 – M10 (blind rivet nuts)

M5 – M8 (blind rivet bolts)

Precision in all process steps – for durable connections!

