



SCREWDRIVER FUNCTION MODULE (SFM) WITH MAGAZINE

Combine the advantages of a pick-and-place system with the benefits of screw feeding via hose.

Also available with a magazine solution – the screwdriver function module with electronic stroke (E-SFM)!



ADVANTAGES

> Flexible

Accessibility of complex component geometries due to the maximum freedom of movement for robots and screwdriver function module with magazine.

> Technical cleanliness

By separating the feeding system and screwdriver function module, fewer dirt particles are transferred to the component.

> Efficient

- optimised cycle time and high output because time is saved by omitting one pick-up procedure per screw
- less wear because a flexible feed hose is not required
- in the case of robot applications, there is no need for the time-consuming integration of a feed hose

> One system – multiple assembly directions

Whether from top to bottom, from bottom to top, horizontally or at a certain angle – the SFM with magazine makes any assembly direction possible without losing the position of the fastener.

> Extremely well suited for

- top heavy screws
- difficult to reach screw positions with interfering contours

> Short cycle times

The number of screws in the magazine can be adjusted to allow optimal preparation for the next assembly procedure.

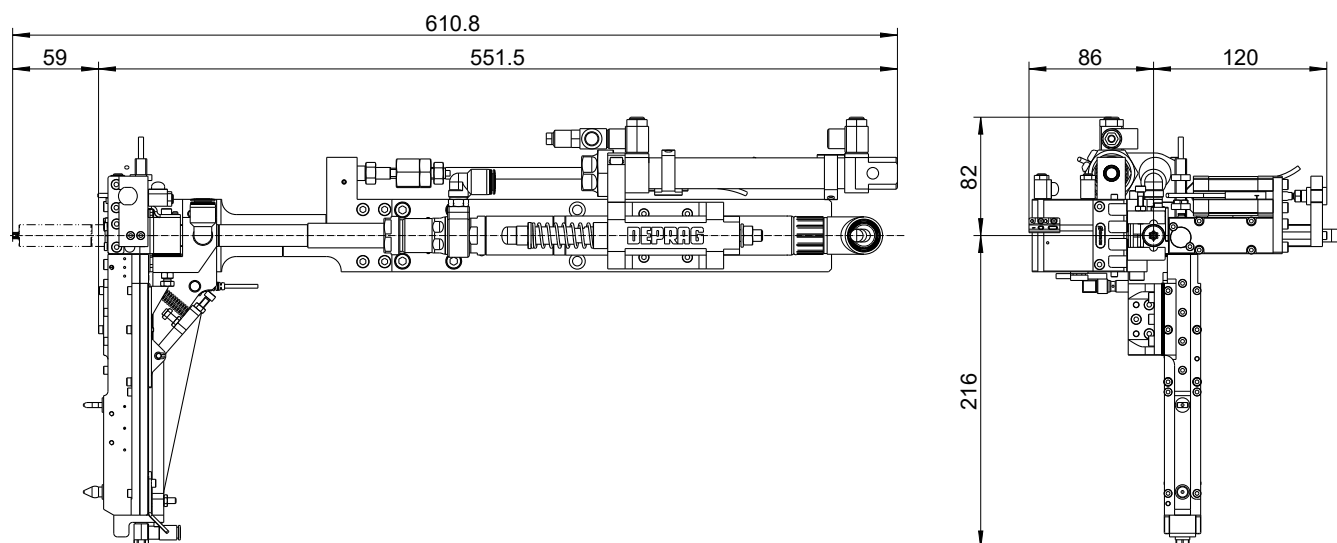
> Suitable for lightweight robots

Due to its light weight, the SFM with magazine is ideally suited to applications which use lightweight robots.

> Complete solution from a single source

The screwdriver function module with magazine can be combined with the DEPRAG step feeder systems or DEPRAG vibratory bowl feeder systems.

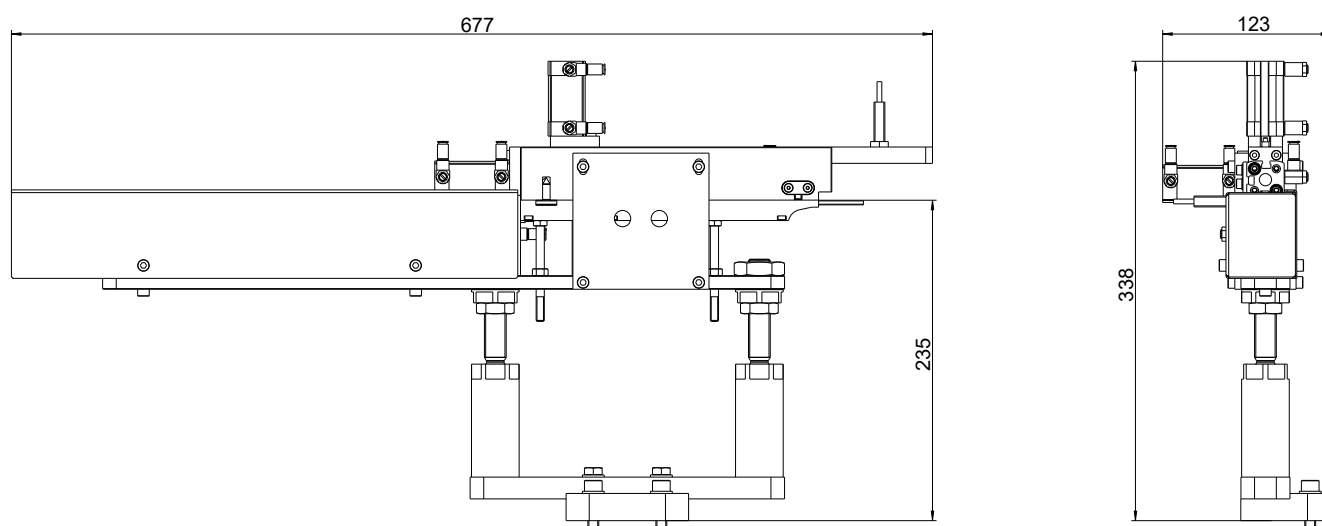
Screwdriver function module



Technical data

Max. torque	Nm	20, freely adjustable
Number of screws in magazine	pieces	15
Max. height of interfering contours	mm	59
Operating voltage	Volt	24
Operating pressure	bar	6
Dimensions	mm	see dimension sheet above
Weight	kg	6

Back-up unit



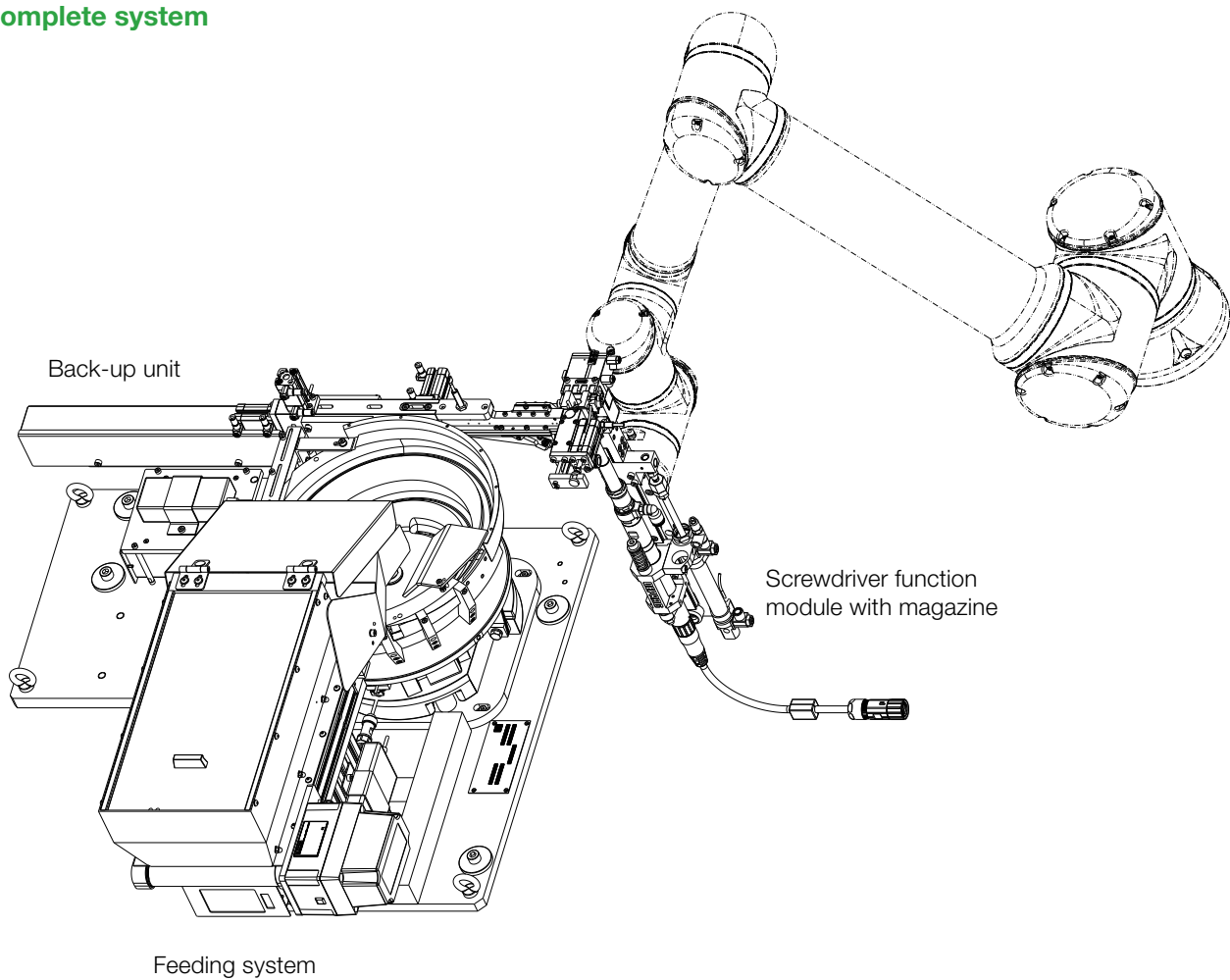
Technical data

Max. number of screws	pieces	15, freely adjustable
Operating voltage	Volt	24
Operating pressure	bar	6
Dimensions	mm	see dimension sheet above
Weight	kg	8



Customer-specific system designs are also available. Please contact us to discuss the right solution for you!

Complete system



DEPRAG

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