



Screwdriving Function Module

SFM-S

(S = Heavy execution)

- up to a feed stroke of 300 mm
- compact and short design
- many optionally available functions
- easy integration
- re-enforced construction

The SFM Screwdriving Function Module is the basis to all automated screwdriving processes. The SFM-S series was especially developed for multi-spindle screwdriving systems with large hole patterns in a re-enforced construction.

The following versions are available:

- standard
- underfloor (with additional stroke for assemblies from underneath)

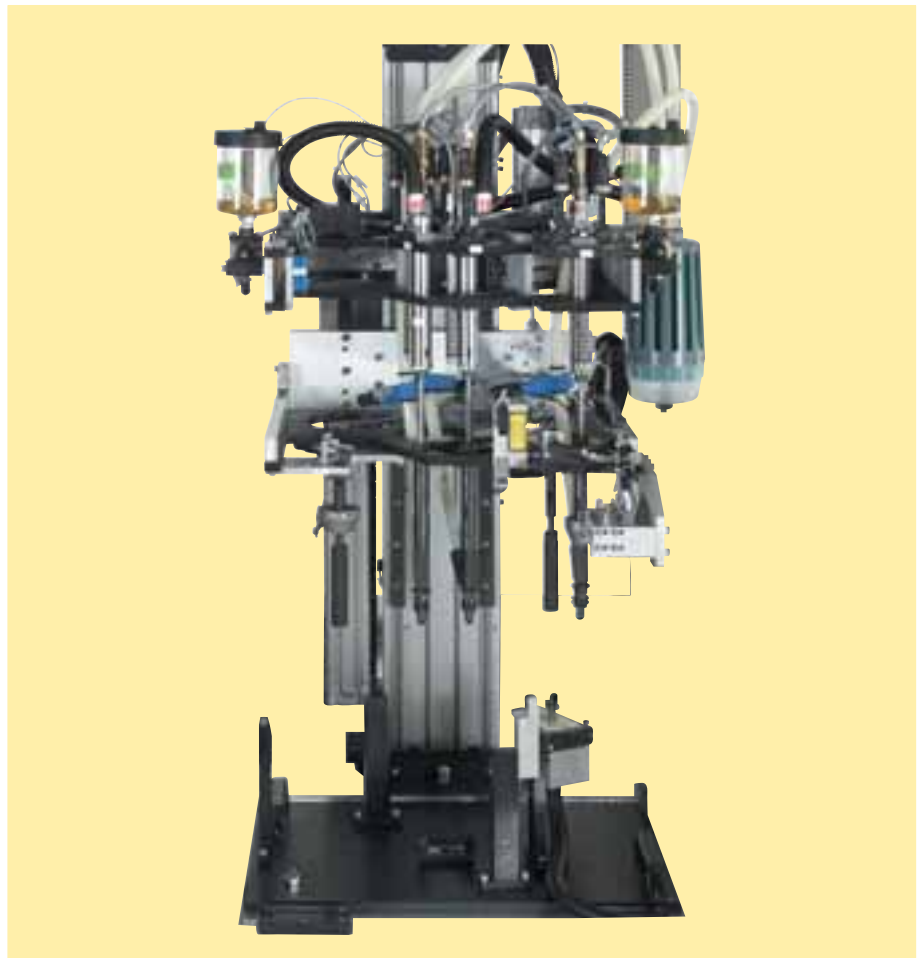
- underfloor with a service stroke (as in underfloor version, with an additional stroke for the complete movement)

The combination of the SFM-S and the DEPRAG stationary screwdrivers represents the perfect solution for all important screwdriving operations.

Besides, we also offer a large variety of optionally available control functions such as:

- depth control (relative and absolute with digital and analogue signalling)
- screwdriver position and index modules etc.

Please contact us to discuss your applications in detail. We will supply the best possible solution with a perfectly designed screwdriving module.



Technische Daten

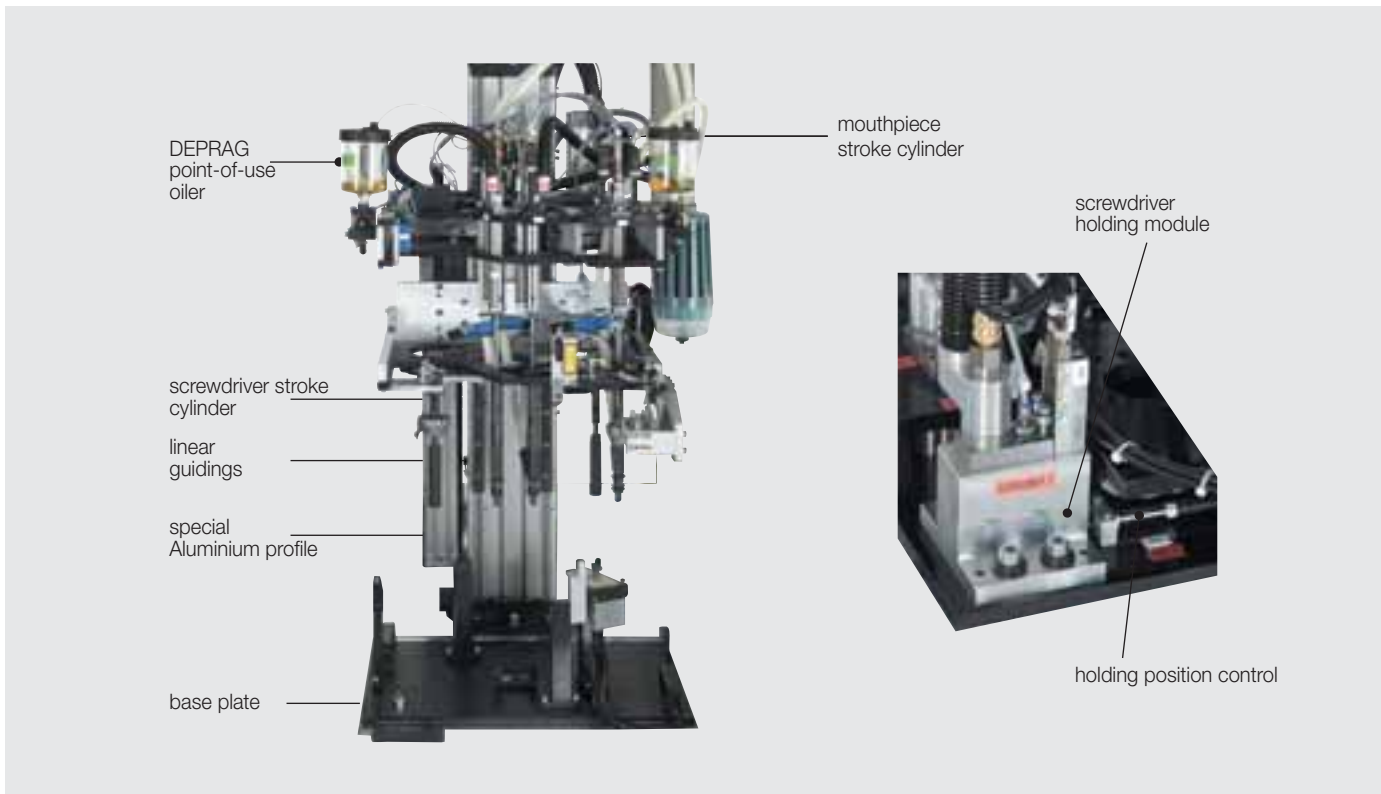
Maximum screw head dia.	mm / in.	17 / ⁴³ / ₆₄
Torque	Nm / in.lbs	0.05 - 150 / 0.44 - 1327
Feed stroke	mm / in.	25, 50, 80, 100, 200, 300 / 1, 2, 3, 4, 8, 12
Lengths of split-type nosepieces	mm / in.	40, 60, 80, 100, 125 / 1.5, 2.3, 3, 4, 4.8
Type of power supply		pneumatic (torque-out clutch) electric (with sequence controller)
Maximum screw pattern size (w x d)	mm / in.	450 x 300 / 17.5 x 13.6 350 x 450 / 13.6 x 17.5

Optional accessories:		with connector (M12 x 1)		without connector	
Cable for reed switch	m / ft.	2.5 / 8.2	5 / 16.4	2.5 / 8.2	5 / 16.4
Cable for PE converter	m / ft.	2.5 / 8.2	5 / 16.4	2.5 / 8.2	5 / 16.4
Cable for screwdriver air supply	m / ft.	2.5 / 8.2	5 / 16.4	2.5 / 8.2	5 / 16.4
Cover hose		open		open / closed	
	m / ft.	2.5 / 8.2	5 / 16.4	2.5 / 8.2	5 / 16.4

Screwdriver air supply	one rotating direction	two rotating directions	assembly to depth
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Angle monitoring (in conjunction with pneumatic Piezo screwdrivers)
Mechanical down-lock (for vertical use)
Height-adjustable modules (for limited space)
Screwdriver holding modules (for easy re-positioning of screwdrivers for different screw patterns)
Holding position controls (for controlling positions of screwdriver holding modules)
Workpiece down-holder (with and without part presence control)
Screwdriver index modules (for different screw patterns)
DEPRAG point-of-use injection oiler

Necessary accessories:							
Screwdriver start/stop control (in conjunction with pneumatic control screwdrivers)							
DEPRAG control, Piezo screwdrivers and EC-servo spindles (with sequence controller)							
DEPRAG screw and pin feeders							
Depth control	single	absolut double	analogue	single	relative double	analogue	



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