

Automatic feeding and connecting of wire thread inserts

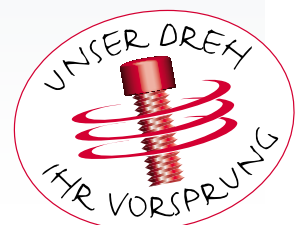
Offering a wide variety of screwdrivers for different uses STÖGER AUTOMATION have now developed the first automatic screwdriver that feeds wire thread inserts through a hose. This machine has been designed for serial production and can be used in particular where high cycle times and process reliability are important.

The feeding and the connecting processes are independent, thus enabling the use of the screwdriver with its slim design even at locations with difficult access. Feeding the wire thread inserts through a hose allows

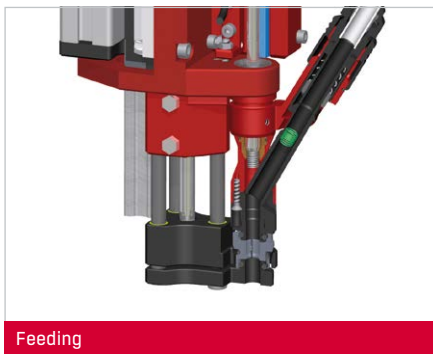
the connecting process regardless of the screwdriver's position. It can thus be used in robots and positioning axes.

ITS ADVANTAGES IN A NUTSHELL:

- *designed for serial production*
- *high cycle times*
- *slim design, thus suitable for use at difficult to access screw driving locations*
- *highly reliable by monitoring torque, torque angle and screwdriving depth*
- *easy maintenance due to quick couplings for tool change*
- *integrated system: screwdriver with automatic feed unit and controller*



Principles of operation (using the „Plus“ example)



Feeding



Spinning on



Inserting

Depending on the size of the wire thread insert a tight connection can be done within 3 – 5 seconds.

Types



- wire thread insert with pin
- Sizes M4-M12
- Further sizes on demand



- conical tip
- Sizes M4-M12
- Further sizes on demand



- without pin and two conical tips
- Sizes M4-M12
- Further sizes on demand

Screwing units

	Classic	Plus
Length	583 mm (without motor) 902 mm (with motor)	598 mm
Width	65 mm	87 mm
Height	144 mm	192 mm
Weight	6 kg (with motor)	5,88 kg

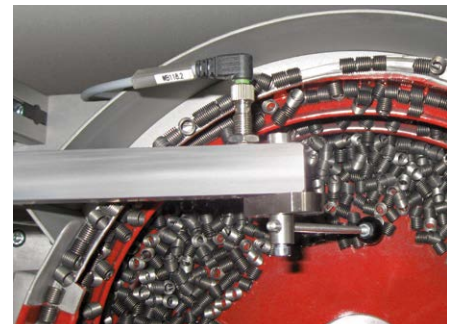


Classic



Plus

Feeding unit



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