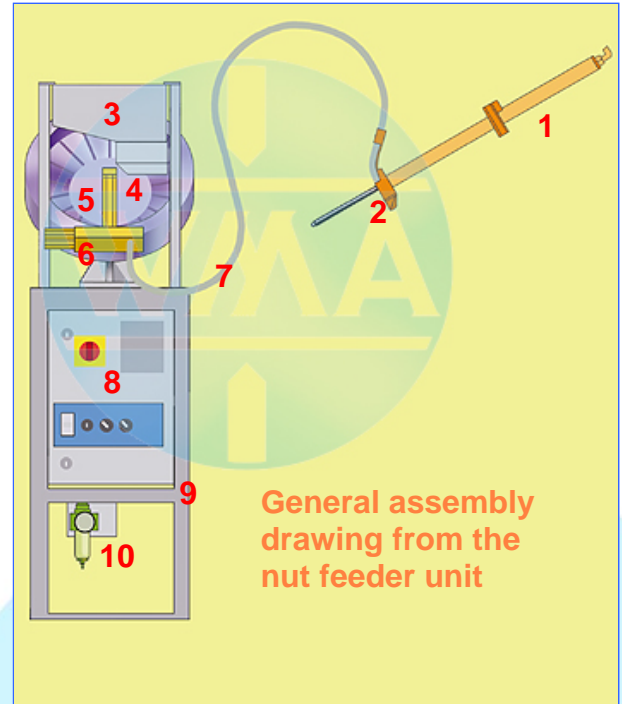




# Nut feeder unit

Version: 01-2011

for square, hexagon and special nuts.  
Available in sizes M4 to M12.



General assembly drawing from the nut feeder unit

- |                  |                   |
|------------------|-------------------|
| 1 Feeder unit    | 6 Nut separator   |
| 2 Chuck          | 7 Vinyl tube      |
| 3 Bulk hopper    | 8 Control box     |
| 4 Level switch   | 9 Rack            |
| 5 Vibratory bowl | 10 Pressure gauge |

- Vorratsbehälter mit Zuführtrichter im Rotierförderer
- Rotierförderer with separator
- Selection capability: 40 up to 60 nuts per minute.
- PLC: Siemens Logo
- larger sizes of the welding nuts on demand!



**Well-known companies use our feeders in their automated production.**

Please, find convenient electrodes in chapter Electrodes for welding screws or bolts.

We reserve the right to make changes which are in the interest of technical progress.

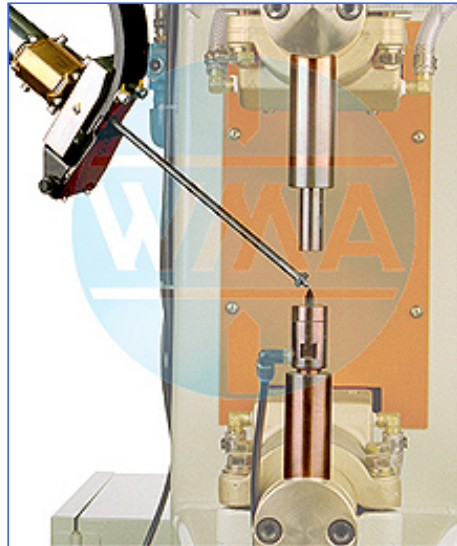
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info@wma-sb.de or wma-sb@t-online.de, <http://www.wma-sb.de>

Nut feeder unit-1

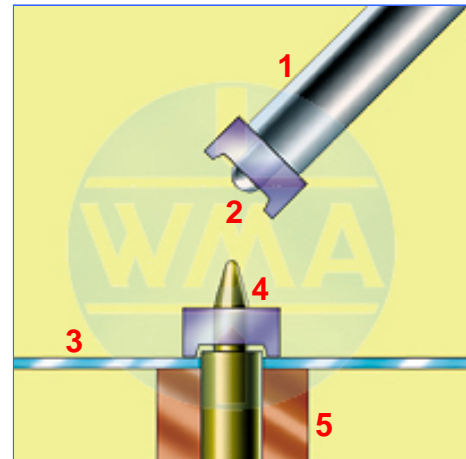


# Nut feeder unit

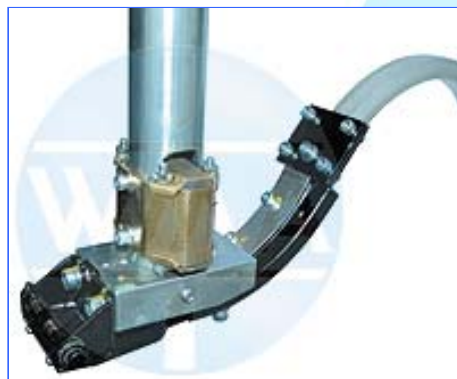
Version: 01-2011



The welding nut fed to the pilot pin of the welding electrode.



- 1 Spindle
- 2 Welding nut on top of the pilot pin
- 3 Work piece
- 4 Pilot pin
- 5 Lower electrode



Hinge plate with nut feeder.



Feeder unit with scan device (Option)

## Options:

- The nut feeder units are available as vibratory- or rotary-types
- Double-feeding is possible
- A fabricated cover for noise control is available
- Abfrageeinheit am Zuführkopf anbaubar

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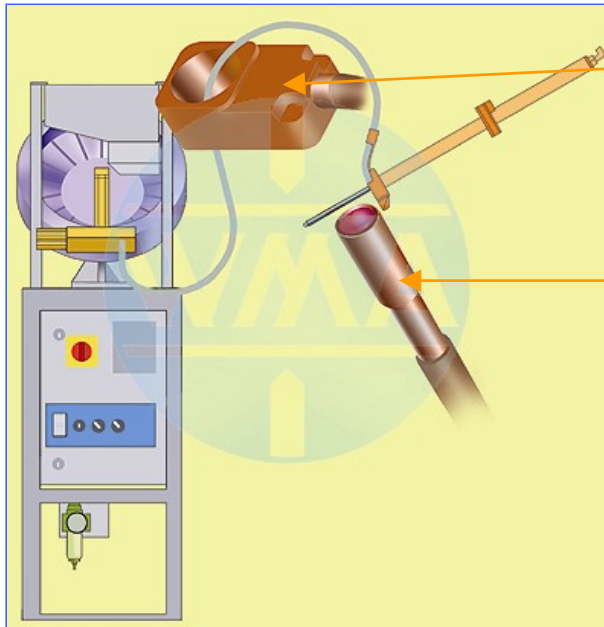
Nut feeder unit-2



# Nut feeder unit

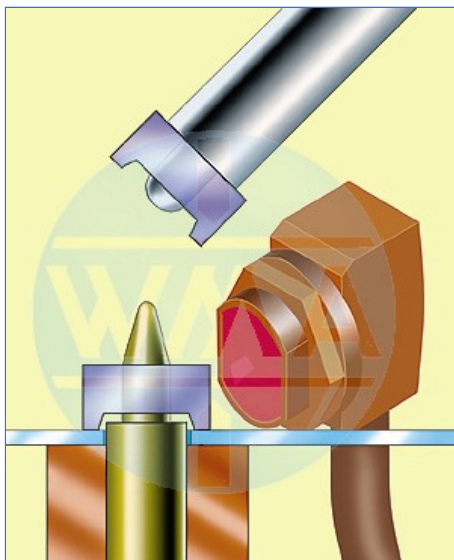
Version: 01-2011

## Optional monitoring devices



**1 Ring sensor XQ9.500.007**  
überwacht, ob die Mutter erfolgreich durch den Schlauch geblasen wurde.

**2 Inductive sensor XQ9.500.008**  
stellt fest, ob eine Mutter an der Zuführung bereitsteht.



**3 Laser reflexion detector XQ9.500.009**  
überprüft, ob das Bauteil bzw. die Mutter zum Schweißen bereitliegen.

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**Nut feeder unit-3**