The upper electrode feeder accurately positions the nut based on Dengensha’s unique patented linkage.

**Features**

- **Capable of feeding nuts at high speed using one cylinder for both linear motion and rotary motion.**
- **Capable of positioning nuts in an accurate manner with the lifting motion in addition to the rotary motion.**

**Corporate Information**

Dengensha's Welding Equipment Is Used All Over The World.

- **Overseas Affiliated Companies**
  - U.S.A.: DENGENSHA AMERICA CORP. TEL +1(440)439-8281 FAX +1(440)439-8217
  - U.K.: DENGENSHA EUROPE LTD. TEL +44(11543)481844 FAX +44(11543)481881
  - INDONESIA: PT. DENGENSHA INDONESIA TEL +62(287)415907 FAX +62(287)415910
  - THAILAND: DENGENSHA (THAILAND) CO., LTD. TEL +66(2)399-3201 FAX +66(2)399-3204
  - MEXICO: DENGENSHA MEXICO S.DE RL.DE C.V. TEL +52(477)717-8927 FAX +52(477)717-8927
  - INDIA: DENGENSHA INDIA PVT LTD. TEL +91(44)2223-1033 FAX +91(44)2223-1033

- **Overseas Distributors**
  - CHINA: UNITED FAITH LTD. TEL +86(20)2881-0808 FAX +86(20)2881-0800
  - TAIWAN: ANDE TRADING CO., LTD. TEL +886(2)2600-7506 FAX +886(2)2600-7900
  - INDONESIA: PT. LINGKUL SEMESTA TEL +62(21)897-3731 FAX +62(21)897-3736
  - MALAYSIA: PANGGASU TEN BHD TEL +60(3)5637-1833 FAX +60(3)5637-2013
  - TURKEY: ACT OTOMOTIV R&D TEL +90(224)280-8448 FAX +90(224)241-2633
  - BRAZIL: LIBCAN AUTOMAC INDUSTRIAL TEL +55(12)3301-6200 FAX +55(12)3301-6200
  - RUSSIA: SVARKON SERVICE LTD. TEL +7(812)336-2952 FAX +7(812)336-2953

- **Model Offering**
  - Upper electrode feeding type nut feeder

- **Specifications**
  - Patents: Patented in Japan (Pat. No. 5840815) Patent pending in US, CA and EU

- **Available Nut**
  - Nut size: M6, M8, M10
  - Square nut
  - Inner projection and Outer projection

- **Contact Information**
  - Dengensha MFG. CO., LTD.
    - 1-23-1 Masugata, Tama-ku, Kawasaki-ken, Kanagawa-ken, JAPAN
    - TEL: 044-922-1121, FAX: 044-922-1100
    - http://dengensha.co.jp
Features

- Capable of welding a nut to the bottom of a deep drawn stamped part.
- There is no interference issue with the deep-drawn stamped part and the feed unit when placing a nut on the lower electrode feed style.
- This interference will not occur with the upper electrode feed style because the nut is positioned to the upper electrode prior to welding.
- Simple electrode designed with a permanent magnet.
- The nut is held to the upper electrode and does not fall off even after the air and electric supply are stopped because of the permanent magnet feature.
- This upper electrode feature can be installed on a standard electrode holder with a taper.
- Once the operation begins, the upper guide pin retracts into the electrode, the magnetic force is reduced and the nut is delivered to the lower guide pin.

Mechanism

- The feed unit receives a nut after proper selection.
- The cylinder extends and moves the nut to the correct position below the upper electrode.
- The hinge rotates when the tension rod stops, it then positions the nut to the upper electrode.
- Capable of reducing the cycle time.
- This is achieved by feeding the nut and handling the panel at the same time.

Features

- Length: 375mm
- Width: 64mm

Upper Electrode Feeding Type

DENGENSHA

Nut Feeder