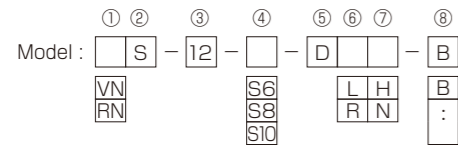


Model



Model	Specification
① Selecting pattern	VN Vibrator type nut feeder RN Rotary type nut feeder
② Feeding pattern	S Single feeding
③ Specification	12 UPPER ELECTRODE FEEDING TYPE with separator PLC
④ Nut shape	S6 M6 square nut
	S8 M8 square nut
	S10 M10 square nut
⑤ Location of projection	D Downward projection
⑥ Mounting direction of the feed unit	L Left side facing welder (Standard)
	R Right side facing the welder
⑦ Bulk hopper	H With bulk hopper (Standard) N Not included
⑧ Revision	B Revision B

Available Nut

Nut size

M6 M8 M10

Square nut

Inner projection Outer projection



CORPORATE INFORMATION

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

Overseas Affiliated Companies

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DENGENSHA AMERICA CORP. DENGENSHA EUROPE LTD. PT. DENGENSHA INDONESIA DENGENSHA THAILAND CO., LTD. DENGENSHA MEXICO S.DE R.L.DE C.V. DENGENSHA INDIA PVT.LTD.

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No.000KY02③ 1512 1,000

UPPER ELECTRODE FEEDING TYPE NUT FEEDER



Features

The upper electrode feeder accurately positions the nut based on DENGENSHA' s unique patented linkage.

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.

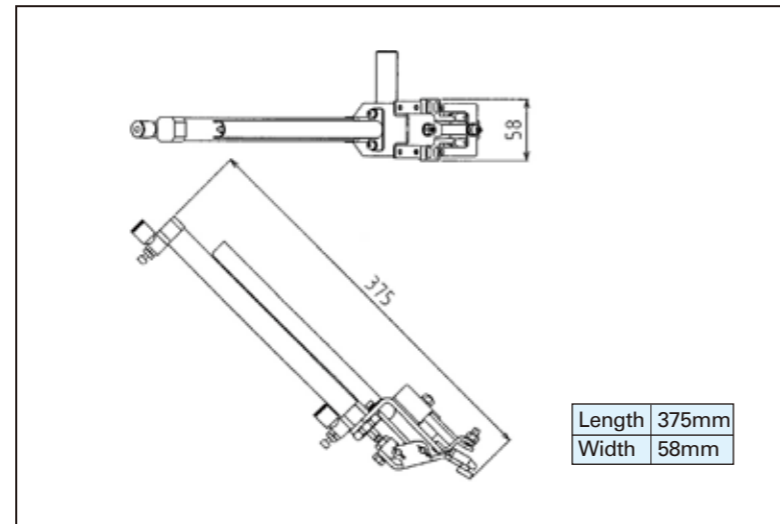
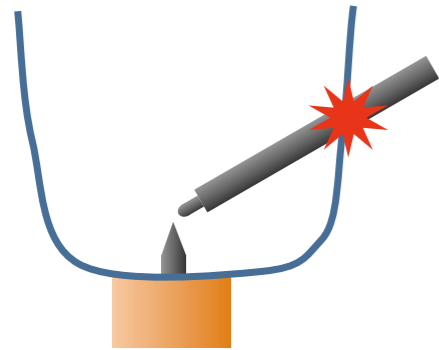


Patented in Japan (Pat. No. 5840815)
 Patent pending in US, CA and EU

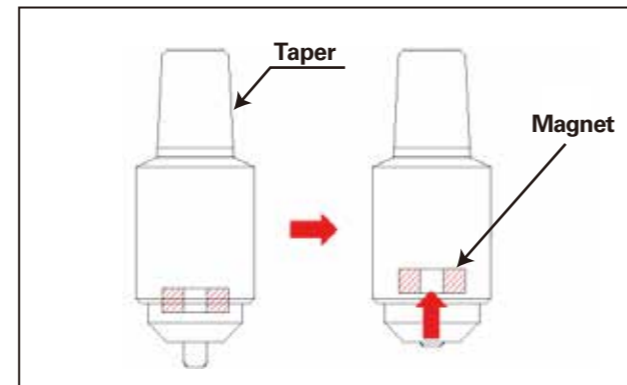
DG DENGENSHA MFG. CO., LTD.

Features

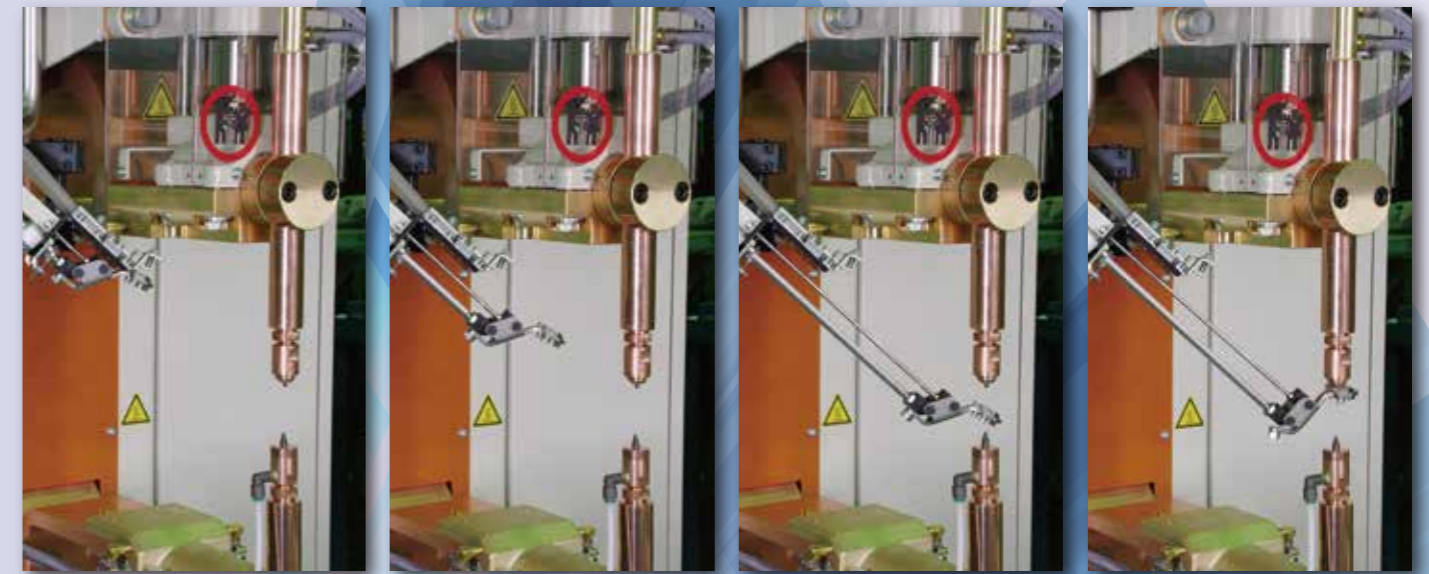
- Capable of welding a nut to the bottom of a deep drawn stamped part.
- There is an interference issue with the deep-drawn stamped part and the feed unit when placing a nut on the lower electrode feed style.
- This interference will not occur with the upper electrode feed style because the nut is positioned 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.



Patented in Japan (Pat. No. 5864020)
 Patent pending in US, CA and EU

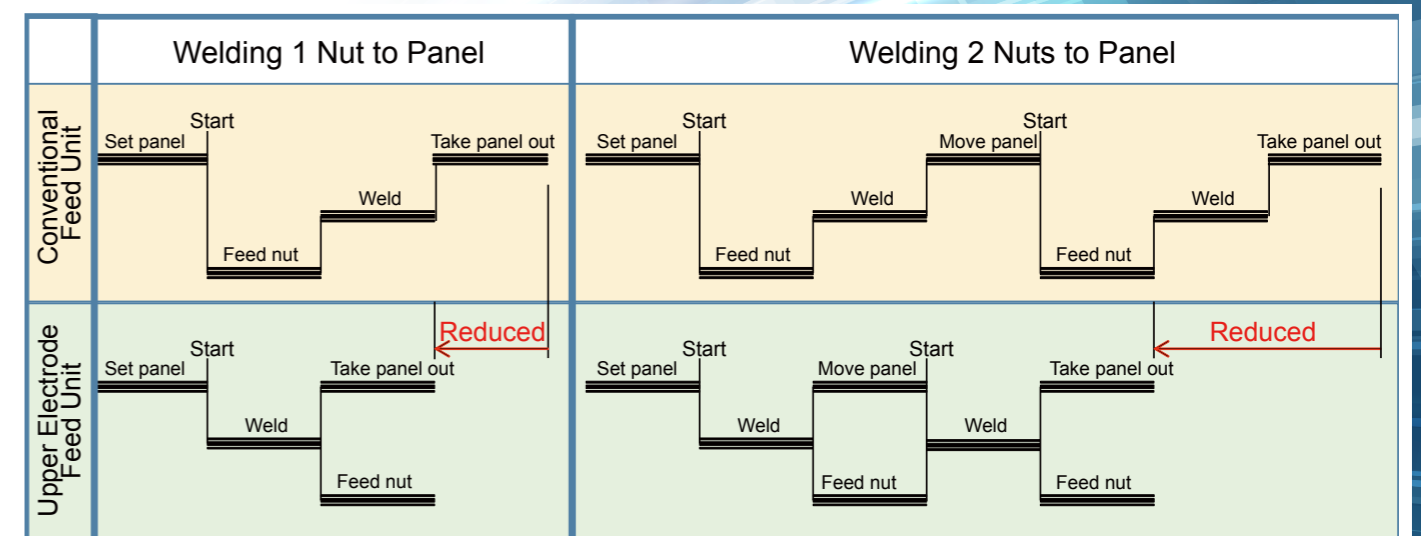


Mechanism

- 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.



UPPER ELECTRODE FEEDING TYPE NUT FEEDER