

## THE MOST RELIABLE, DURABLE NUT FEEDERS IN THE INDUSTRY

Using the latest technology, we design and build to your specific production weld nut, guaranteeing accurate selection and feed to the weld electrode, every time, without fail. From the custom-designed bowl to the gravity or magnetic feed unit, Dengensha automatic nut feeders meet your production rates with the most repeatable system available.

### SPEED, ACCURACY, REPEATABILITY

- Selection designed to your weld nut insures repeatability
- Custom-designed bowls provide high feed rates – up to 50 nuts per minute
- Patented, magnetized feed unit
- 7-liter bulk hoppers boost feed rates and keep them high
- Nut separator ensures nuts are blown one at a time

### FLEXIBILITY

- 3-meter vinyl delivery tubes allow feeder to be 3 meters away from the welder
- Universal bracket allows feed unit mounting at many angles

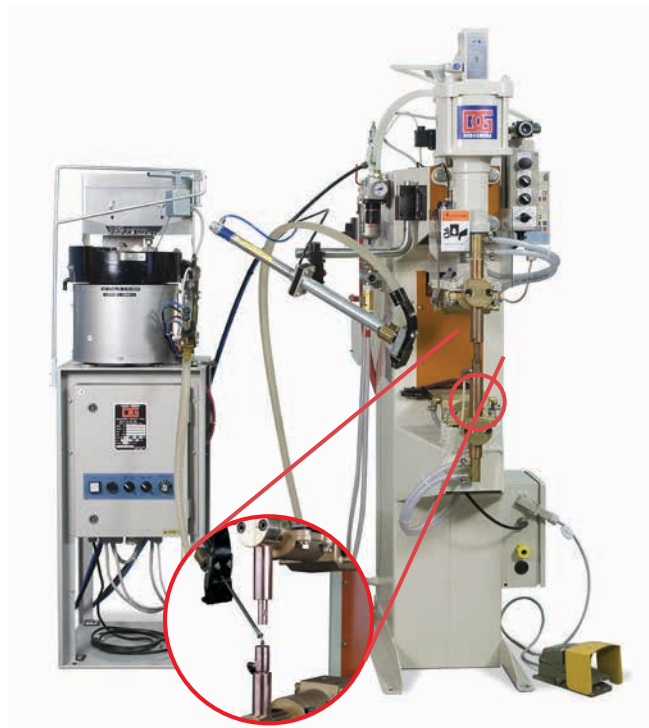
### BUILT FOR QUALITY

#### Standard features include:

- 300 mm vibratory bowl
- Keyence PLC microprocessor transistor output
- Dual key locked control panel to prevent unauthorized access
- Manual controls on outside of control panel
- Programmable screen controls PLC without a laptop
- 200 mm stroke magnetic feed unit
- Vinyl dust cover prevents contamination from spatter
- Pneumatic system complete with filter, regulator, manifold and solenoid valves



## AUTOMATIC NUT FEEDER



### CUSTOMIZABLE FOR YOUR PRODUCTION NEEDS

#### Optional features for your Dengensha nut feeder:

- Rotary-style bowl provides low cost square weld nut feeding
- Double selection mechanism for simultaneous feeding of two weld nuts
- Special double mechanism to feed from right, left or both at once
- Special stroke feed units of 150 mm or 300 mm
- 11-liter bulk hopper
- Reverse-mounted control panel, so you can place feeders inside fenced cells
- Various PLC, PCB or no control options
- Orientation guide
- Several paint color options

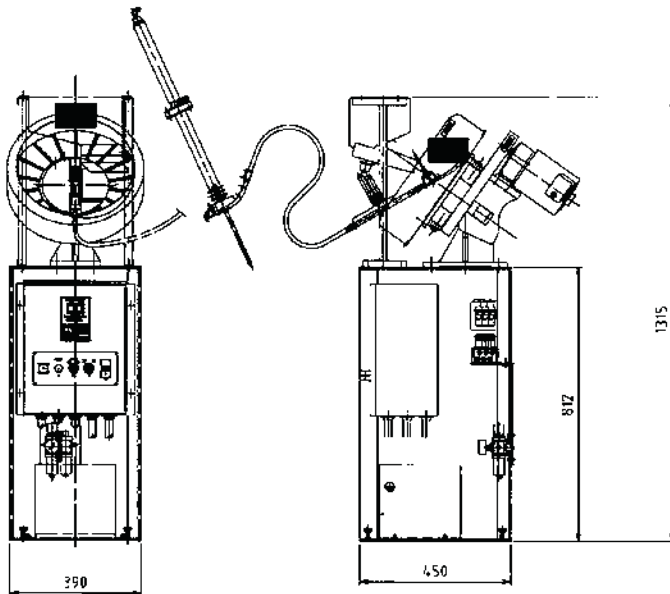
### EASY MAINTENANCE, RESPONSIVE SERVICE

- 80% of spare parts are available in 4-6 business days from delivery in the U.S.
- Skilled technicians available promptly
- Customized maintenance log explains what to maintain and when
- Complete documentation provided on paper and CD
- Maintenance updates sent as needed

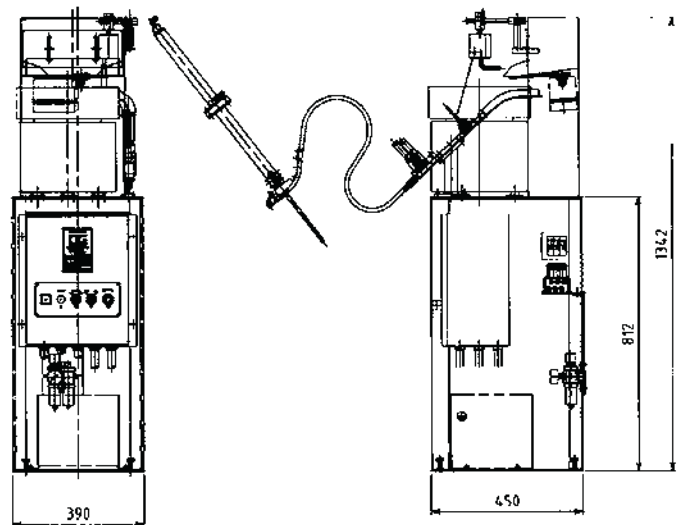
# SPECIFICATIONS OF AUTOMATIC NUT FEEDER

## Model and Function

All Dimensions In Millimeters



**Rotary -Type**



**Vibratory -Type**



## Programmable Logic Controller

Dengensha feeders feature Keyence PLC's such as the KV-24 DT. The ultra compact unit features a built-in display that allows the PLC's data to be checked at start-up and during modification or changeover.

## Additional Services Available from Weld Systems Integrators

- Training Seminars
- Nut feeder maintenance
- Bolt feeder maintenance
- Welder maintenance
- Portable welding gun maintenance
- Nut and bolt feeder rebuilding
- Portable welding gun rebuilding
- Welding control repairing
- Weldscope and Pressure Mate Calibrating



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