

AUTOMATIC NUT FEEDER



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



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

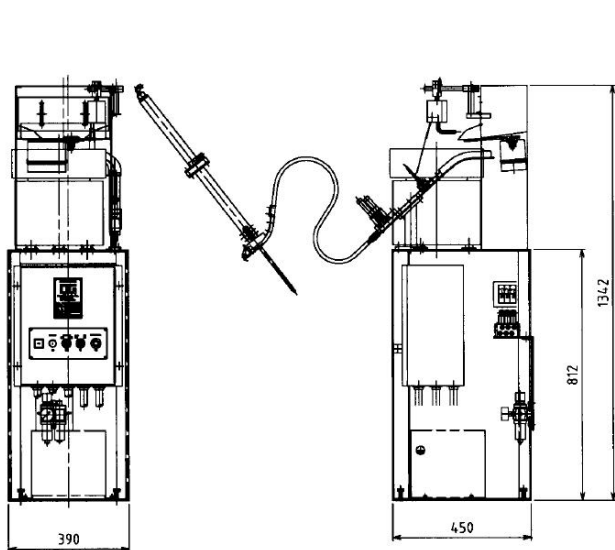
- 80% of spare parts are available in 4-6 business days from delivery in the U.S.
- Skilled technicians available promptly
- Customized maintenance log explains what to maintain and when
- Complete documentation provided on paper and CD
- Maintenance updates sent as needed

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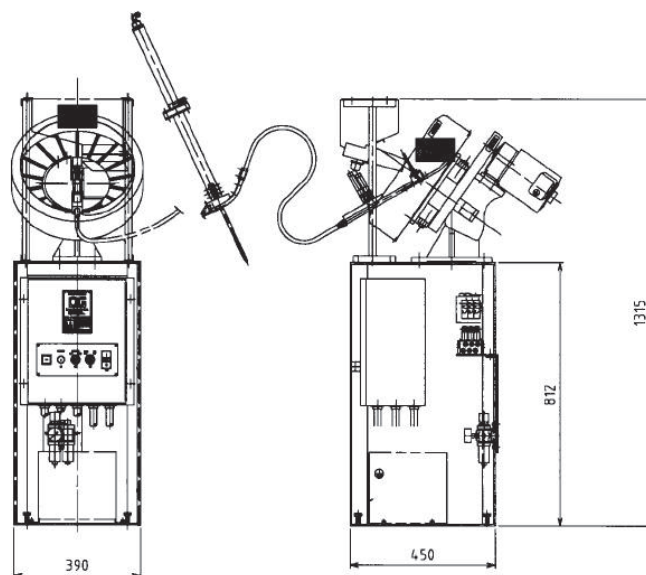


SPECIFICATIONS OF AUTOMATIC NUT FEEDER

MODEL AND FUNCTION
ALL DIMENSIONS IN MILLIMETERS



VIBRATORY-TYPE



ROTARY-TYPE



PROGRAMMABLE LOGIC CONTROLLER

Dengsha feeders utilize Keyence PLCs with transistor output. These compact units feature a built-in display that allows the PLC data to be checked at start-up and during modification or changeover. Other control options include Allen Bradley Micrologix and Compulogix, Omron, Siemens, DeviceNet and Ethernet, PCB controls (certain models only) or without controls.

Additional Dengsha America Services:

- Maintenance and operating training seminars on all Dengsha equipment
- Rebuilds on feeders
- Repairing weld controls
- Calibrating WeldScope and PressureMate

Dengsha offers the world's most complete line of resistance welding equipment:

- Pedestal welders
- Specialty welders
- Nut feeders
- Bolt feeders
- Servo-spot weld guns
- Lightweight weld guns
- Welding monitors
- Welding controls
- Transformers
- Consumables
- Spare parts



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