

AUTOMATIC BOLT FEEDER



THE MOST RELIABLE, DURABLE BOLT FEEDERS IN THE INDUSTRY

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

SPEED, ACCURACY, REPEATABILITY

- Selection designed to your bolt ensures repeatability
- Custom-designed bowls provide high feed rates – up to 30 bolts per minute
- Specially designed lower electrode concave guide pin guarantees concentric location and automatic ejection of weld bolts
- 7-liter bulk hoppers boost feed rates and keeps them high, with fewer refills
- Bolt separator remote feed unit ensures bolts are blown one at a time
- Unique, 200 mm spring-loaded chuck jaw feed unit provides accurate bolt delivery and positioning

FLEXIBILITY

- 3-meter vinyl delivery tubes allow feeder to be 3 meters away from the welder
- Universal bracket allows feed unit to be mounted at 30 degree angle

BUILT FOR QUALITY

Standard features include:

- 300 mm vibratory bowl
- Keyence PLC microprocessor with 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
- Vinyl dust cover prevents contamination from spatter
- Pneumatic system complete with filter, regulator, manifold and solenoid valves
- Leveling bolts



CUSTOMIZABLE FOR YOUR PRODUCTION NEEDS

Optional features for your Dengensha bolt feeder:

- Double selection mechanism for simultaneous feeding of two bolts
- Special dual selectable mechanism to feed from right, left or both at once
- Special stroke feed units of 200 mm or 300 mm
- 11-liter bulk hopper
- Reverse-mounted control panel, so you can place feeders inside fenced cells
- Various PLC, PCB, Device-Net, Ethernet IP, or no control options
- Several paint color options

EASY MAINTENANCE, RESPONSIVE SERVICE

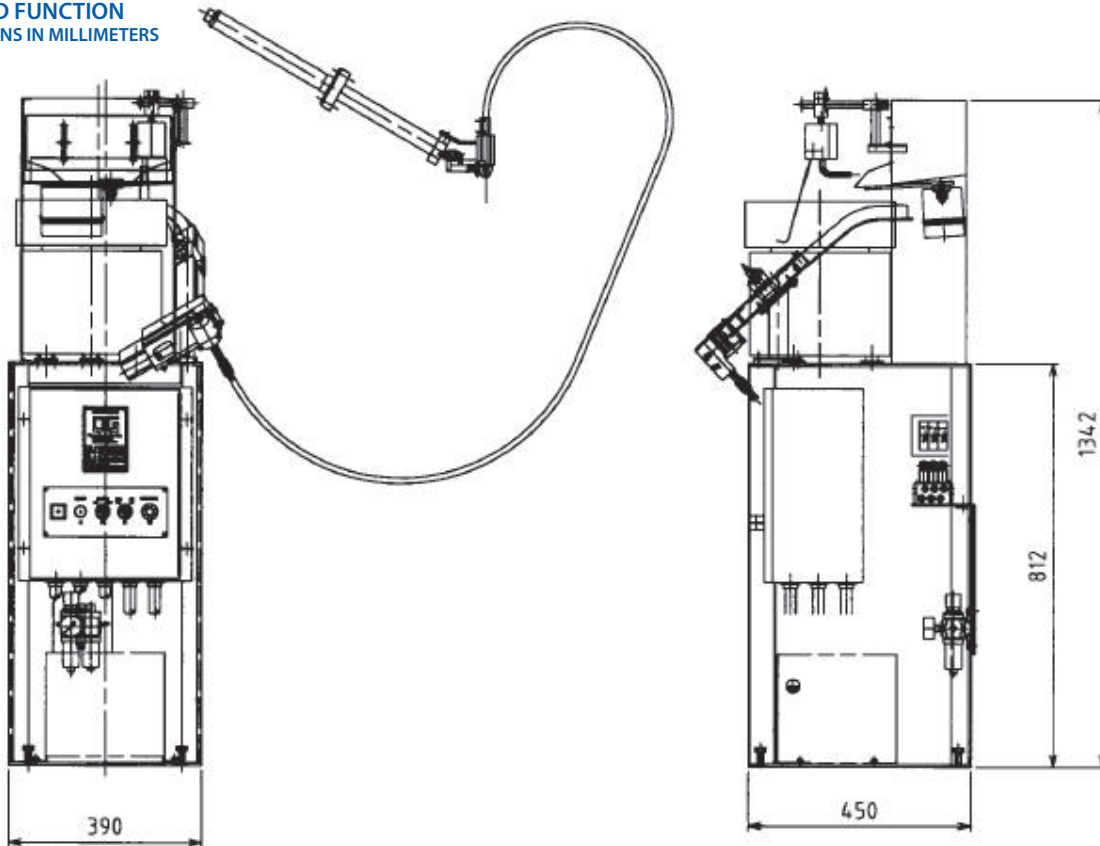
- 80% of spare parts are available in 4-6 business days from delivery in the U.S.
- Skilled technicians available promptly
- Customized maintenance log explains what to maintain and when
- Complete documentation provided on paper and CD
- Maintenance updates sent as needed

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SPECIFICATIONS OF AUTOMATIC BOLT FEEDER

MODEL AND FUNCTION
ALL DIMENSIONS IN MILLIMETERS



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



7647 First Place Dr., Bedford, Ohio 44146

P: 440.439.8081 | F: 440.439.8217

www.dengsha.com | sales@dengsha.com
ISO 9001:2008

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