



Dengensha America manufactures the most complete line of resistance welding equipment in the world.

AC & MFDC Welders



NDZ-AC

- Current up to 33kA
- Secondary current feedback
- Available in 35/50/70/100Kva
- Suitable for mild steel



NDZ-MFDC

- Current up to 42kA
- Secondary current feedback
- Available in 35/50/70/100Kva
- Suitable for mild, galvanized, and high-strength steel, as well as aluminum



NDZ-CDW

- Selectable modes with current up to 50kA
- Secondary current feedback
- Max. energy 3000 joule
- Suitable for high-strength, hot stamp, galvanized steel, and small projections



LinearWave

- Combines benefits both CD and MFDC
- Available in 50/75/100/150kA
- Force up to 30kN
- Inverter output (reverse polarity)
- Suitable for high strength steel, aluminum, large projections, and ring projection parts

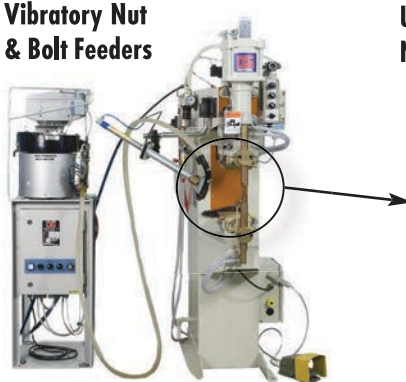
Nut & Bolt Feeders



Magnetic Compact Feeder

- Low noise
- Small footprint
- Light and compact
- Sorting method for upside down nuts
- Quick changeover for a different nut

Vibratory Nut & Bolt Feeders



- Wide range of fastener types
- Available in single, dual, 3, and 4-out
- PLC, PCB, E-IP, and point I/O control options
- Fast feed rates

Upper Electrode Nut Feeders



- Reduced cycle time by simultaneous workpiece movement and nut feeding
- Accurate and secure nut positioning
- Reduced part positioning & cycle times

Global Leader In Resistance Welding

DENGENSHA EQUIPMENT LINE SHEET

Weld Management Control Equipment

900 Series AC Weld Control



- Compact chassis mount
- Intuitive program box for simple programming
- Secondary current feedback
- Simple replacement of obsolete weld controls

VMC Adaptive Weld Controls



- Detects and compensates current shunting, sheet gaps, and expulsion
- Resistance waveform optimization
- Ethernet IP

Inverter Transformer



- Compact lightweight transformers
- Current up to 18kA
- Wide frequency range from 1000 to 1800Hz

WS-80



- Prints to the built-in thermal printer or a PC
- Upper and lower limit error signals
- "Good/No Good" output signals
- 800 weld point data

WS-100



- Compact and portable
- Lightweight: Only 450g
- Large capacity of 10,000 weld point data storage
- USB connection to PC
- Optional pressure sensor



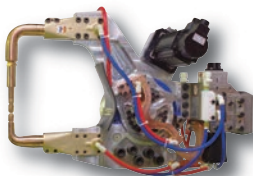
Consumables



- Standard and custom ACT alloy guide pins and electrodes

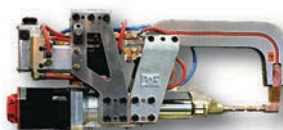
Weld Guns

X-Gun



- Wide range of servo X-Guns, C-Guns and portable guns
- Low-maintenance reduction gears for X-Guns

C-Gun



Weld Lab & Testing Center



Shows our complete line of resistance welding equipment. Available for testing and training



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