

NSW

Inverter Stud Welding Equipment

NSW18S

- Inverter control method, but inexpensive! Short-Cycle stud welding equipment
- Studs to be welded: T-stud, TS/SD studs, LF stud, aluminum studs

■ HM Hand gun



■ HA Hand gun



- Weld current: 99 steps adjustment in range of DC 200A – 1700A
- Weld wave form: Direct current type
- Weld time: 9 steps adjustment in a range of 10 m sec – 90 m sec
- Angle control is installed to prevent an inclination of stud
- Can work with auto stud feeder
- Stable & optimum weld quality
- Switch for weld condition set can be added (Optional)

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Specifications

Model	NSW18S
Item	NSW18S
Input voltage	3 phases, AC 380V -10/+10% ※1
Input frequency	50/60 Hz
Current control method	Inverter/IGBT control method
Rated input power	95 kVA
Output current	DC 200 Amp. – 1700 Amp
Output current	10 m sec. – 90 m sec.
Duty cycle	20 pieces/min. (9 mm in dia. stud)
Studs to be welded	3 – 9 mm in diameter studs (T, TS, SD, LF studs)
Base metal thickness	0.6 thick min. for 3 – 7 mm dia. studs 0.65 thick min. for 8 – 9 mm dia. studs
Dimensions	W 520 x D 660 x H 910 in mm
Weight	125 kg.

Primary cable length shall be 20 meter max. with 14 sq. mm.

Fuse capacity is 50Amp.(at AC380V)

※1 The input voltage can produce AC400V,AC440V.

Example of system



HM Gun (Manual feed)

Dimensions:

Length 185 x Height 171 in mm

Weight: approx. 3.1 kg.

(with a cable of 2.5 meter)



HA Gun (auto stud feeder)

Dimensions:

Length 300 – 321 x Height 171 in mm

Weight: approx. 5 kg.

(with a cable of 2.5 meter)



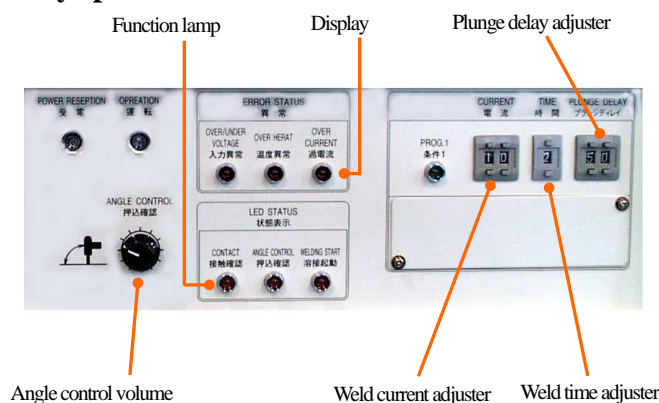
FD feeder

Dimensions:

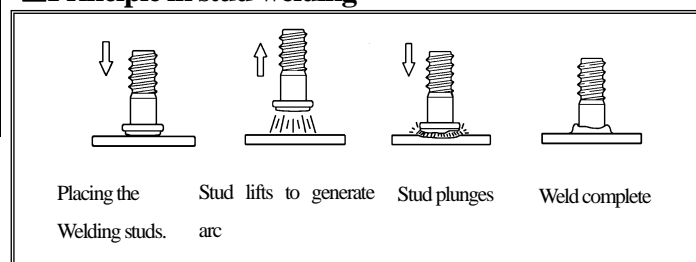
W 365 – 450 x D 450 – 700 x H 450 – 510 in mm

Weight: approx. 35 – 55 kg.

Easy operation



Principle in stud welding



NSW

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