













N4s INVERTER — universal and flexible

-  For all known studs of the short cycle drawn-arc stud welding method
-  Customer-specific interfaces to robots/transfer lines (parallel interface, InterBusS, DeviceNet, EtherNet/IP, ProfiBus, ProfiNet, etc.)
-  All AVISTUD FSE feeders and the related welding tools from the N4s-System can be combined and used (standard polarity or reverse polarity for up to 5 feeders and/or welding tools)
-  Only one power source for stud welding, TARC welding and TARC nut welding
-  Multiple possibilities of networking and PC-supported quality monitoring
-  **Power-Safe-Mode** - (energy saving mode) for low power loss in idle mode
-  **10% more output power** - from optimized internal circuitry (any losses caused by longer cables are compensated for)
-  **Weld Impedance Control** - Warning when the maximum welding circuit impedance (resistance) is exceeded
-  **Individual allocation of access privileges** via standard memory stick
-  **Double storage capacity for program extensions**

N4s-Inverter



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Technical Data N4s Inverter

Power supply

Inverter

S-mark

Yes

Welding current

+ 150A to + 1500A (or 1800A)

Cooling

AF (fan, temperature-controlled)

Welding process

Short cycle drawn-arc,
TARC welding,
TARC nut welding

Connection possibilities

Manual handgun P-NS 40 SL
Automatic welding gun PSE 1000s
Welding heads KSE 1000s/1055LSPs, KSE 2000s
Feeders FSE 1000s, FSE 5000s

Mains fuse

32 (63A)

Enclosure dimensions

(W x H x D) 610 x 981 x 684 mm

Power plug CEE

32 (63A)

Weight

120kg

Degree of protection

IP 21

Crane eyelets

Yes

Protection class

I, according to DIN 40 100

Wheels

Yes (4)

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