



PRODUCTION STUD WELDER ARC 800 AT



GENERAL INFORMATION

Application

- Especially suitable for thicker sheets of about 2 mm or higher.

Features

- Microcontroller
- Function monitoring
- Display of error codes
- Lift test

SPECIFICATIONS

Welding Process	Drawn arc stud welding, Short cycle stud welding
Welding Material	Mild steel, Stainless steel
Technology	Transformer
Equipment	Welding with ceramic ferrule, Welding with shielding gas, Automation
Display	Digital
Welding Range	M3 to M12 (type RD), dia. 2 to 10 mm / #4 to 1/2" (type RD), dia. 14 ga to 3/8"
Welding Rate	7 to 17 studs/min (depending on application and stud dia.)

www.sunbeltstudwelding.com

Sunbelt Stud Welding, Inc
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15-1

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PRODUCTION STUD WELDER ARC 800 AT

SPECIFICATIONS (continued)	
Welding Current	800 A
Welding Time	5 to 1 000 ms (stepless)
Primary Power	400 V*, 3 phases, 50/60 Hz, 35 AT (slow blow) * alternative primary power see Order No.
Primary Plug	32 A (at 400 V mains)
Connected Load	I lmax = 31 A
Cooling Type	F (temperature controlled cooling fan)
IP Code	IP 23
Dimension L x W x H (without handle)	470 x 230 x 220 mm / 18.50" x 9.06" x 8.66"
Weight	40 kg / 88.185 lbs
Order Number	93-16-0704A (230/460 V)
	93-10-0704A (400 V)
	93-15-0704A (575 V)
SUITABLE STUD WELDING GUNS	
PAH-1 (Tripod)	PAH-1 (centering device dia. 30 mm)
KAH 412 - Automatic Stud Welding Head	KAH 412 LA - Automatic Stud Welding Head
SAFETY	
<ul style="list-style-type: none"> • Integrated mains filter • Optimal for construction sites with large mains voltage fluctuations • EMC test • High-voltage test with log • Retriggering lock • Thermal monitoring of transformer • Temperature-regulated ventilator • Consistent separation of transformer and control unit • Control unit galvanically separated from welding lines • Cooling-air tunnel • Optimal protection against external interferences • Protection class IP 23 	

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PRODUCTION STUD WELDER CD CDi 1502 AT



DESCRIPTION

Application

- Mild Steel, Stainless Steel, Brass, Aluminum
- M3 to M8 - #4 to 5/16"

Unbeatable new power pack

- With efficient inverter-capacitor charging technology
- Enormous time and energy savings (30 % less energy)
- Highest cycle sequence of its class (up to 40 studs/min.)
- 20% energy reserve due to 220 V charging voltage
- Simple operation & minimal weight (20% lighter than previous model)
- Extreme long life due to robust and functional industrial design

Highest level of quality and safety

- Capacitor formation recorded - Quality control for consistent capacitor quality through automated formation
- Shock-proof capacitor battery - No contact of the capacitors to the device housing; sparkover (short circuit) is therefore not possible
- Cooling channel - Protects the electronic components from getting soiled. Ideal cooling of the inverter charging p.c. board for high sequence cycles.

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PRODUCTION STUD WELDER CD CDi 1502 AT

SPECIFICATIONS	
Welding Process	CD
Welding Material	Mild steel, Stainless steel, Aluminum, Brass
Technology	Inverter-Capacitor Charging Technology
Equipment	Automation
Display	Digital
Welding Range	M3 to M8, dia. 2 to 8 mm / #4 to 5/16", dia. 14 ga to 5/16"
Cupped Head Pins	dia. 2 and 2.7 mm / 14 ga and 12 ga
Insulation Pins	dia. 2 and 3 mm / 14 ga and #4
Welding Rate	M3 / #4=40 studs/min. (voltage 60 V) M8 / 5/16"=14 studs/min. (voltage 200 V) M8 / 5/16" = 12 studs/min (voltage 220 V)
Capacitance	66,000 µF
Welding Time	1 to 3 ms
Energy	1,600 Ws
Charging voltage	50 to 220 V (stepless voltage regulation)
Primary Power	230 V/115 V*, 50/60 Hz, 10 AT (slow blow) * alternative primary power see Order Number
Connected Load	600 VA
Power source	Capacitor
Cooling Type	F (temperature controlled cooling fan)
IP Code	IP 21
Dimension L x W x H (without handle)	15.75" x 8.07" x 9.84" 400 x 205 x 250 mm
Weight	30.87 lbs (14 kg)
Order Number	92-10-1504B (230 V) 92-12-1504B (115 V) 92-13-1504B (100 V)
SUITABLE STUD WELDING GUNS	
PAH-1 (Tripod)	PAH-1 (centering device dia. 30 mm)

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PRODUCTION STUD WELDER CD CDMi 2402



DESCRIPTION

Application

- Especially suitable for thin sheets (at least 0.5 mm)
- All-rounder for automation
- Extensive library function
- Change over of capacitors for optimal energy input
- M3 to M8 (M10)
- #4 to 5/16" (7/16")

Features

- Microcontroller
- Function monitoring
- Display of error codes
- Library function
- Process monitoring
- RS-232 interface

Safety

- Integrated mains filter (protection against voltage peaks)
- Optimal for construction sites with large mains voltage fluctuations
- EMC test
- High-voltage test with log
- Retriggering lock
- Thermal monitoring of transformer and internal temperature of stud welding unit
- Temperature-regulated ventilator
- Control unit galvanically separated from welding lines
- Optimal protection against external interferences

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PRODUCTION STUD WELDER CD CDMi 2402

TECHNICAL SPECIFICATIONS	
Welding Process	CD
Welding Material	Mild steel, Stainless steel, Aluminum, Brass
Technology	Inverter-Capacitor Charging Technology
Equipment	Automation
Display	LCD
Welding Range	M3 to M8 (M10 limited), dia. 2 to 8 mm (dia. 10 mm limited) #4 to 5/16", (7/16" limited), dia. 14 ga to 5/16" (dia. 3/8" limited)
Welding Rate	M3 / #4 = 40 studs/min (voltage 60 V) M8 / 5/16" = 21 studs/min (voltage 170 V) (M10 / 7/16" = 17 studs/min (voltage 210 V)
Capacitance	99 000 µF/33 000 µF* * with change over of capacitors
Welding Time	1 to 3 ms
Energy	2,400 Ws / 800 Ws with change over of capacitors
Charging voltage	50 to 220 V (stepless voltage regulation)
Primary Power	230 V*, 50/60 Hz, 10 AT (slow blow) *alternative primary power see Order No.
Connected Load	1000 VA
Power source	Capacitor
Cooling Type	F (temperature controlled cooling fan)
IP Code	IP 21
Dimension L x W x H (without handle)	570 x 285 x 290 mm / 22.44" x 11.22" x 11.42"
Weight	57.32 lbs / (26 kg)
Order Number	92-12-22412B (115 V) 92-10-22412B (230 V)
SUITABLE STUD WELDING GUNS	
PAH-1 (Tripod)	PAH-1 (centering device dia. 30 mm)
C 08 with foot ring	C 08 with centering tube PPR-2
CA 08 with foot ring	CA 08 with centering tube PPR-2/CD

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PRODUCTION STUD WELDER CD CDMi 3202



DESCRIPTION

Application

- Especially suitable for thin sheets (at least 0.5 mm)
- Energy package for automation
- Extensive library function
- Change over of capacitors for optimal energy input
- M3 to M8 (M10)
- #4 to 5/16" (7/16")

Features

- Microcontroller
- Function monitoring
- Display of error codes
- Library function
- Process monitoring
- RS-232 interface

Safety

- Integrated mains filter (protection against voltage peaks)
- Optimal for construction sites with large mains voltage fluctuations
- EMC test
- High-voltage test with log
- Retriggering lock
- Thermal monitoring of transformer and internal temperature of stud welding unit
- Temperature-regulated ventilator
- Control unit galvanically separated from welding lines
- Optimal protection against external interferences

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PRODUCTION STUD WELDER CD CDMi 3202

TECHNICAL SPECIFICATIONS	
Welding Process	CD
Welding Material	Mild steel, Stainless steel, Aluminum, Brass
Technology	Inverter-Capacitor Charging Technology
Equipment	Automation
Display	LCD
Welding Range	M3 to M10, dia. 3 to 10 mm #4 to 7/16", dia. #4 to 3/8"
Welding Rate	M3 / #4=43 studs/min. (voltage 50 V) M8 / 5/16"=25 studs/min. (voltage 140 V) M10 / 7/16"=18 studs/min. (voltage 200 V)
Capacitance	132000 µF/66000 µF with change over of capacitors
Welding Time	1 to 3 ms
Energy	3,200 Ws / 1,600 Ws with change over of capacitors
Charging voltage	50 to 220 V (stepless voltage regulation)
Primary Power	230 V*, 50/60 Hz, 10 AT (slow blow) *alternative primary power see Order No.
Connected Load	1800 VA
Power source	Capacitor
Cooling Type	F (temperature controlled cooling fan)
IP Code	IP 21
Dimension L x W x H (without handle)	22.44" x 11.22" x 11.42" / (570 x 285 x 290 mm)
Weight	59.53 lbs / (27 kg)
Order Number	92-12-23212B (115 V) 92-10-23212B (230 V)
SUITABLE STUD WELDING GUNS	
PAH-1 (Tripod)	PAH-1 (centering device dia. 30 mm)
C 08 with foot ring	C 08 with centering tube PPR-2
CA 08 with foot ring	CA 08 with centering tube PPR-2/CD

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PRODUCTION STUD WELDER INVERTER ARC IT 1002 AT



DESCRIPTION

Application

- Especially suitable for thicker sheets of about 2 mm or higher
- Welding of welding nuts type HexNut and MARC sleeves
- For welding on perforated and non-perforated sheets
- All-rounder for automation
- Precise welding results through advanced inverter technology
- M3 to M16
- #4 to 5/8"

Features

- Microcontroller
- Function monitoring
- Display of error codes
- Lift test
- Library function
- Process monitoring

Safety

- Integrated mains filter (protection against voltage peaks)
- Optimal for construction sites with large mains voltage fluctuations
- EMC test
- High-voltage test with log
- Retriggering lock
- Thermal monitoring of transformer
- Temperature-regulated ventilator

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PRODUCTION STUD WELDER INVERTER ARC IT 1002 AT

DESCRIPTION (continued)

- Control unit galvanically separated from welding lines
- Optimal protection against external interferences
- Protection class IP 23

TECHNICAL SPECIFICATIONS

Welding Process	ARC, SC
Welding Material	Mild steel, Stainless steel, Aluminum
Technology	Inverter
Equipment	Welding with ceramic ferrule Welding with shielding gas Process control Automation
Display	Digital
Welding Range	M3 to M16 (type RD), dia. 2 to 14 mm / #4 to 5/8" (type RD), dia. 14 ga to 9/16"
Welding Rate	M12 / 1/2"=25 studs/min
Welding current	1,000 A (max.)
Current adjustment range	100 to 1,000 A, electrode 50 to 400 A (stepless)
Welding Time	5 to 1,000 ms (stepless)
Primary Power	400 V*, 3 phases, 50/60 Hz, 35 AT (slow blow) *alternative primary power see Order No.
Primary plug	32 A (with 400 V mains)
Connected Load	50 kVA (with 400 V mains)
Cooling Type	F (temperature controlled cooling fan)
IP Code	IP 23
Dimension L x W x H (without handle)	26" x 11" x 13.4" / 660 x 280 x 340 mm /
Weight	68.343 lbs / 31 kg
Order Number	93-66-1202 (Gas) 93-66-1204 (Gas / Automation) 93-66-1206 (Gas / Automation / Process control)

SUITABLE STUD WELDING GUNS

PAH-1 (Tripod)	PAH-1 (centering device dia. 30 mm)
KAH 412 - Automatic Stud Welding Head	KAH 412 LA - Automatic Stud Welding Head

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PRODUCTION STUD WELDER INVERTER ARC IT 90 AT



DESCRIPTION

Application

- Especially suitable for thicker sheets of about 2 mm or higher

Equipment

- Inverter (2000 A) with options for 4 outputs, process monitoring and shielding gas
- Welding with ceramic ferrule

FEATURES

- **Microcontroller** – for precise process times, optimal functional reliability and maximum operating convenience
- **Function monitoring** – automatic function test following power-up; monitoring of all internal system functions
- **Lift test** – for gap welding guns and stud welding heads
- **Library function** – automatic specification of welding current and welding time through selection of stud diameter according to welding range (with and without shielded gas); fine adjustment via arrow keys
- **Process monitoring** – recording and analysis of factors affecting the welding process; after each weld, the reference and actual values are compared; display of the welding energy input; switchable automatic welding stop if limits are exceeded
- **RS232 interface** – for data output; data and time of day are stored; welding parameters of each weld are logged
- **4 gun connections** (optional)

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PRODUCTION STUD WELDER INVERTER ARC IT 90 AT

ADVANTAGES

Structure

- Extremely easy to operate
- Compact / Mobile – highly mobile thanks to compact dimensions and low weight (50% weight savings in relation to conventional stud welding units)
- Robust – metal housing withstands rough treatment in shop and on site

Safety

- With integrated mains filter (protection against voltage peaks)
- Optimal for construction sites with large mains voltage fluctuations – use even with critical voltage supply (-10% +10%)
- EMC test
- High-voltage test with log
- Retriggering lock-out – prevents welding on a welding element that has already been set
- Thermal monitoring of transformer – automatic shutdown in case of overheating
- Temperature-regulated ventilator – reduces noise and dust in the stud welding unit (greater system reliability)
- Control unit galvanically separated from welding lines – high degree of functional safety
- Optimal protection against external interferences
- IP Code: IP 21

Welding

- Display – infinitely adjustable power setting; easy monitoring of all functions via LED displays; easy operation via membrane keyboard and digital display; setting of welding parameters, programs, shielding gas, automation and process monitoring possible; digital display of current, welding and gas-preflow time (optional; pneumatic feed time for automation); separate settings for welding current and welding time
- Powerful – built-in power reserves
- Trouble-free changing of welding voltage polarity possible by reconnecting welding current and ground cables
- Outstanding welding quality – very high arc stability even at weak welding currents
- High process flexibility – high clock frequency (30 kHz) of stud welding unit allows highly dynamic regulation of welding process

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PRODUCTION STUD WELDER INVERTER ARC IT 90 AT

TECHICAL DATA	
Welding Process	ARC, SC
Welding material	Mild steel, stainless steel, aluminum
Technology	Inverter
Equipment	Welding with ceramic ferrule Welding with shielding gas Process control Automation 4 gun/head connections - (optional)
Display	Digital
Welding range	M3 to M24, dia. 2 to 22 mm / #4 to 1", dia. 14 ga to 7/8"
Welding rate	Dia. 22 / 7/8"=6 studs/min
Welding current	2,000 A (max.)
Current adjustment range	300 to 2,000 A (stepless)
Welding time	5 to 1500 ms (stepless)
Primary power	400 V*, 3 phase, 50/60 Hz, 63 AT (slow blow) * alternative primary power available - see - Order Number below
Primary plug	63 A (with 400 V mains)
Connected load	100 KVA (with 400 V mains)
Cooling type	F (temperature controlled cooling fan)
IP code	IP 21
Dimensions - LxWxH (without handle)	650 x 560 x 1290 mm / 25.6" x 22" x 50.8"
Weight	145 kg / 319.67 lbs (1 gun conn.) 165 kg / 363.76 lbs (4 gun conn.)
Order number	93-60-12096 (400 V - 1 gun connection) 93-60-42096 (400 V - 4 gun connection) 93-66-12096 (480/460 V - 1 gun connection) 93-66-42096 (480/460 V - 4 gun connection) 93-40-019 (Ground cable, 2 pcs., 5 m, 70 mm 2, 1 vice grip 10")

SUITABLE STUD WELDING GUNS	
PAH-1 (Tripod)	PAH-1 (centering device dia. 30 mm)
KAH 412 - Automatic Stud Welding Head	KAH 412 LA - Automatic Stud Welding Head

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PRODUCTION WELDERS AUTOMATED /CNC STUD WELDERS

Production Stud Welders - CNC Automated Bench Welders

Production Welders - CNC automated bench welders range from a basic single-head, hand-loaded stationary bench welder to the most sophisticated fully automated, multi-head auto feed CNC Stud Welder.

We can design a production stud welding system to meet your requirements,
1-800-462-9353.

Automated / CNC Stud Welders

IPC 90



- System integrators for integration into production lines
- Stud welding process self-sufficiently controlled by HBS components
- Parameter monitoring for optimal welding results
- Control up to 5 welding heads
- M3 to M8, dia. 3 to 8 mm
- #4 to 5/16", dia. #4 to 5/16"

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PRODUCTION WELDERS AUTOMATED /CNC STUD WELDERS

CPW Series



- Entry-level CNC stud welding machine with 1 welding head
- High speed with highest positioning accuracy by robust machine base frame
- Working with different work piece heights on a working range of 23.6 in x 16.5 in x 4.7 in (600 mm x 420 mm x 120 mm)
- M3 to M8 (dia. 10/12/12,7 mm only possible with modification)
- #4 to 5/16" (dia. 3/8" to 1/2" only possible with modification)

MPW Series



- High performance CNC stud welding machine (with up to 4 welding heads)
- Highest speed possible with high positioning accuracy through rugged design
- Very short set-up time (a.e. automatic calibration of Z-axes)
- M3 to M8 (dia. 10/12/12,7 mm only possible with modification)
- #4 to 5/16" (dia. 3/8" to 1/2" only possible with modification)

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PRODUCTION WELDERS AUTOMATED /CNC STUD WELDERS

Stud Welding Heads for Automated Stud Welding

KAH 412



- Especially suitable for thin metal sheets from 0.5 mm
- Digital display (1/100 mm) for the position of the welding piston using integrated measuring system
- Direct reading for the adjusted plunge and lift dimension
- Pushbutton detent system to facilitate changing the feeding tube
- Electronically controlled

KAH 412 LA



- Especially suitable for thin metal sheets from 0.5 mm
- Automatic compensation of length tolerance of welding elements through integrated length adjustment
- Manual or fully automatic stud feed possible (welding element is automatically pushed through the feed tube in the chuck)
- Welding on painted sheets possible (clean, smooth and flat surfaces and grounding required)
- Individual adjustment options for optimum welding results

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STUD WELDING GUN PAH-1 (TRIPOD)



DESCRIPTION

Application

- Especially suitable for thin metal sheets from 0.5 mm

Structure

- Rigid casing made of impact-resistant plastic
- Slide bearing for guiding the welding piston
- Sealed welding piston guidance
- Adjustable lift
- Stud length convertible (up to 30 mm)
- Electronically controlled

Safety

- Secure lift adjustment (with lock nut)
- High level of security to prevent the selected settings being changed inadvertently
- Guidance system protected against spatters

Welding

- Individual adjustment options for optimum welding results
- Welding on painted sheets possible (clean, smooth and flat surfaces and grounding required)
- Manual or fully automatic stud feed possible (welding element is automatically pushed through the feed tube in the chuck)

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STUD WELDING GUN PAH-1 (TRIPOD)

TECHICAL DATA

Welding range	M3 to M8, dia. 3 to 8 mm / #4 to 5/16", dia. #4 to 5/16"
Stud length	8 to 30 mm / 0.31" to 1.18"
Stud type	Welding elements with flange according to current standards (other studs on request)
Stroke	Adjustment range 5 mm / 0.20"
Welding cable	3 m / 9.84'
IP Code	IP 20
Workplace noise level	> 90 dB (A) may occur during welding
Dimension LxWxH (without cable)	295 x 60 x 170 mm / 11.61" x 2.36" x 6.70" (without cable)
Weight (without cable)	1.4 kg / 3.09 lbs (without cable)
Order No.	94-20-025 (Tripod) Equipped for one standard stud dimension according to customer request.

SUITABLE WELDERS

- CDMi 2402
- CDMi 3202
- CDi 1502 AT
- ARC 800 AT
- IT 1002 AT
- IT 90 AT

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STUD WELDING GUN PAH-1 (CENTERING DEVICE DIAMETER 30 MM)



DESCRIPTION

Application

- Especially suitable for thin metal sheets from 0.5 mm

Structure

- Rigid casing made of impact-resistant plastic
- Slide bearing for guiding the welding piston
- Sealed welding piston guidance
- Adjustable lift
- Stud length convertible (up to 30 mm)
- Electronically controlled

Safety

- Secure lift adjustment (with lock nut)
- High level of security to prevent the selected settings being changed inadvertently
- Guidance system protected against spatters

Welding

- Individual adjustment options for optimum welding results
- Welding on painted sheets possible (clean, smooth and flat surfaces and grounding required)
- Manual or fully automatic stud feed possible (welding element is automatically pushed through the feed tube in the chuck)

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STUD WELDING GUN PAH-1 (CENTERING DEVICE DIAMETER 30 MM)

TECHICAL DATA	
Welding range	M3 to M8, dia. 3 to 8 mm / #4 to 5/16", dia. #4 to 5/16"
Stud length	8 to 30 mm / 0.31" to 1.18"
Stud type	Welding elements with flange according to current standards (other studs on request)
Stroke	Adjustment range 5 mm / 0.20"
Welding cable	3 m / 9.84'
IP Code	IP 20
Workplace noise level	> 90 dB (A) may occur during welding
Dimension LxWxH (without cable)	295 x 60 x 170 mm / 11.61" x 2.36" x 6.70" (without cable)
Weight (without cable)	1.4 kg / 3.09 lbs (without cable)
Order No.	94-20-028 (centering device dia. 30 mm) Equipped for one standard stud dimension according to customer request.

SUITABLE WELDERS

- CDMi 2402
- CDMi 3202

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STUD WELDING HEAD KAH 412



DESCRIPTION

Application

- Especially suitable for thin metal sheets from 0.5 mm

Structure

- Zero-play ball linear bearing for guiding the welding piston, to ensure maximum precision and reproducibility for welds
- Sealed welding piston guidance
- Integrated lift and spring-loaded adjustment
- Digital display (1/100 mm) for the position of the welding piston using integrated measuring system
- Direct reading for the adjusted plunge and lift dimension
- Pushbutton detent system to facilitate changing the feeding tube
- Electronically controlled

Safety

- Lock-in spring adjustment
- Lock-in lift adjustment
- High level of security to prevent the selected settings being changed inadvertently
- Guidance system protected against spatters

Welding

- Individual adjustment options for optimum welding results
- Welding on painted sheets possible (clean, smooth and flat surfaces and grounding required)
- Manual or fully automatic stud feed possible (welding element is automatically pushed through the feed tube in the chuck)

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STUD WELDING HEAD KAH 412

TECHICAL DATA

Welding range	M3 to M8, dia. 3 to 8 mm; #4 to 5/16", dia. #4 to 5/16" (dia. 10 to 12.7 mm; dia. 3/8" to 1/2" with modification only)
Stud length	8 to 40 mm; 0.31" to 1.57" (other lengths on request)
Stud type	Welding elements with flange according to current standards (other studs on request)
Spring Pressure	Arresting
IP Code	IP 20
Workplace noise level	> 90 dB (A) may occur during welding
Dimension LxWxH (without cable)	375 x 66 x 145 mm, 14.76" x 2.60" x 5.71" with chuck and quick change system
Weight	3.4 kg; 7.50 lbs
Order No.	94-31-412C Equipped for one standard stud dimension according to customer request.

SUITABLE WELDERS

- MPW-Series
- CPW-Series
- ARC 800 AT
- IT 1002 AT
- IT 90 AT

www.sunbeltstudwelding.com

Sunbelt Stud Welding, Inc
6381 Windfern Road
Houston, Texas 77040-4915



15-22

1-800-462-9353
713-939-8903
fax 713-939-9013



STUD WELDING HEAD KAH 412 LA



DESCRIPTION

Application

- Especially suitable for thin metal sheets from 0.5 mm
- Automatic compensation of length tolerance of welding elements through integrated length adjustment

Structure

- Zero-play ball linear bearing for guiding the welding piston, to ensure maximum precision and reproducibility for welds
- Sealed welding piston guidance
- Integrated lift and spring-loaded adjustment
- Pushbutton detent system to facilitate changing the feeding tube
- Electronically controlled

Safety

- Lock-in spring adjustment
- Lock-in lift adjustment
- High level of security to prevent the selected settings being changed inadvertently
- Guidance system protected against spatters

Welding

- Individual adjustment options for optimum welding results
- Reproducible piston movement with minimized rebound effect for optimum welding quality via lift damper
- Automatic length compensation
- Welding on painted sheets possible (clean, smooth and flat surfaces and grounding required)
- Manual or fully automatic stud feed possible (welding element is automatically pushed through the feed tube in the chuck)

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TECHICAL DATA

Welding range	M3 to M8, dia. 3 to 8 mm; #4 to 5/16", dia. #4 to 5/16" (dia. 10 to 12.7 mm; dia. 3/8" to 1/2" with modification only)
Stud length	8 to 40 mm; 0.31" to 1.57" (other lengths on request)
Stud type	Welding elements with flange according to current standards (other studs on request)
Stroke/Length compensation	0.2"/0.08", 0.16"/0.12"
Spring Pressure	Arresting
IP Code	IP 20
Workplace noise level	> 90 dB (A) may occur during welding
Dimension LxWxH (without cable)	375 x 66 x 145 mm, 14.76" x 2.60" x 5.71" with chuck and quick change system
Weight	3.4 kg; 7.50 lbs
Order No.	94-37-412 Equipped for one standard stud dimension according to customer request.

SUITABLE WELDERS

- MPW-Series
- CPW-Series
- ARC 800 AT
- IT 1002 AT
- IT 90 AT

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