

Studwelding



ARNHOLD

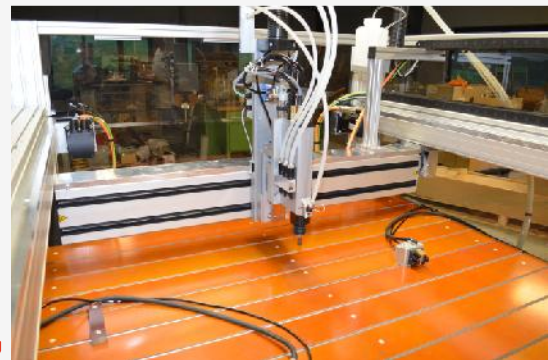
studwelding units
weld-gun, spares



weldstuds



automation



process support
over 35 years
experience



AS Schweißtechnik GmbH
Wullener Feld 48
58454 Witten Germany

Fon.: +49 2302 95640-0
Mail.: info@bolzenschweissen.de

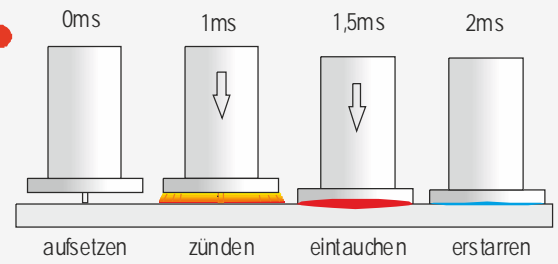
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studwelders

CD process

Typ	digital GLCD capacity [mF]	Max. lead voltage [V]	Inverter/-Transformer	Cycle M8/min	Expandable to mf	weight [kg]	AS 1802D contact gun (St.Va.,Ms)	AS 1803D contact gun (St.Va.,Al,Ms)	AS 1901 gap gun (St.Va.,Al,Ms,Ti)	AS 1811 pin cup gun (St.Va)	automation /CNC Interface	Feeding interface	
Serie AS1266	The 66 series includes lightweight, portable devices for the thin sheet metal sector for both stationary and mobile use. Due to the modular design, you have the entire product spectrum from the entry-level device without voltage display to the extra-light device with inverter charging unit for maximum performance to offer.												
AS 1266	191-21-266	d 66	22 0	t 7	78	14,2	xD	xD	xD	-	-	-	
AS 1266V	191-21-278	d 78	22 0	t 6	-	14,3	xD	xD	xD	-	-	-	
Serie AS1200	The AS1200 series leaves nothing to be desired. It offers sufficient reserve for the most difficult welding tasks and surfaces up to M10. The extensive equipment such as graphic display, standard capacity switching, day counter, welding parameter library leave nothing to be desired. In addition, this device variant can be equipped with a welding data monitoring, feed interface, CNC interface, or additional power												
AS 1200 Base unit	191-21-200	d 99/ 66	22 0	i 12	-	14,8	xD	xD	x	xD	x	-	
AS 1200 V expanded	191-21-281	d 132 /66	22 0	i 10	-	15	xD	xD	x	xD	x	-	
AS 1200 CNC interface	191-21-282	d	Depends on option					xD	xD	x	xD	x	(x)
AS1200 feeding interface	191-21-283	d	Depends on option					xD	xD	x	xD	x	(x)
AS1200 weld data monitoring	Grundgerät +191-21-293	d	Depends on option					xD	xD	x	xD	x	(x)
xD= version with direct trigger							(x) expandable option						

Schweißablauf Kontaktverfahren



drawn arc proces

with ceramic
short cycle
with shielding gas

- a optional process monitoring
- a LCD Graphic display
- a Parameter stock
- a Parameter lock
- a Job counter
- a CNC interface
- a feeding interface

	AS 2104	AS 2108	AS 2210	AS 2118
Type	transformer rectif	transformer rectif	Inverter	transformer rectif.
Weld current	450A	450/600/800A	300-1000A stepless	800-1800A stepless
Weld time	5-1000ms	5-1000ms	5-1000ms	5-1000ms
UI	falling	falling	constant	falling
gas control	-	optional	optional	optional
CNC interface	-	optional	optional	optional
feeding interface	-	optional	optional	optional
Welding parameters library	ü	ü	ü	ü
Job counter	ü	ü	ü	ü
process monitoring	optional	optional	optional	optional
parameter lock	ü	ü	ü	ü
lift magnet monitoring	ü	ü	ü	ü
weld range ceramic ferrule*	M6- RDM8	M6- RDM12	M6-Ø14	M6-Ø19
weld range short cycle*	2-5mm	2-6mm	2-10mm	2-10mm
weld range with shielding gas*	-	2-10mm	2-12mm	2-12mm



weldstuds



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CD process

PT- (CD process) M2,5-M10		earth studs
UT-(CD process) Ø2-10		
IT-(CD process) Ø5-8mm M3-M6		
flat connector 6,3mm /double		
IN-CD nails Ø2-3mm l 20-150mm 4.8 coppers., A2, AlMg3		
TS-Stifte Ø2-3mm l 20-150mm coppers., A2 Ø 30/38mm		

drawn arc process

short cycle

PS-(sc)-HZ M3-M8 4.8 verkupfert	PS-(sc)-HZ M3-M8 A2/A4	US-(sc)-HZ Ø5-8mm M3-M6	IS-(sc)-HZ Ø5-8mm M3-M6
St 4.8 verkupfert	A2/A4 inox	St 4.8 verkupfert	A2/A4 inox



Iso-pin Ø 3-6mm
St/A2/A4
high temperature



with ceramic ferrule /shield gas

	Form DD	Form PD	Form RD	Form ID	Form UD
M6-M16				ID Ø6-16 M3-M12	UD Ø3-16

Automation



all studwelding processes:

ü contact CD process

ü gap CD proces

ü short cycle , option shielding gas

our CNC studwelders are developed on actual customers needs.
tables from 300x500 up to 2000x6000mm are available.



- ü HMI with intuitive processing on pc based windows systems
- ü programmable on DIN66025 (G0 X Y ,G1...)
- ü servo motor power for high dynamic
- ü economic design
- ü remote access for service and support over IP
- ü proved HMI
- ü turntable applications
- ü up to 4 axis , X,Y,Z,W
- ü in house production of tables and studwelders
- ü max. 6 heads per table
- ü PT M3-M8 with standard components, special studs on request
- ü CAD CAM, DXF import
- ü special tools, milling, spraying...

On base of our in house production we can provide a flexible solution
Ask for more!

