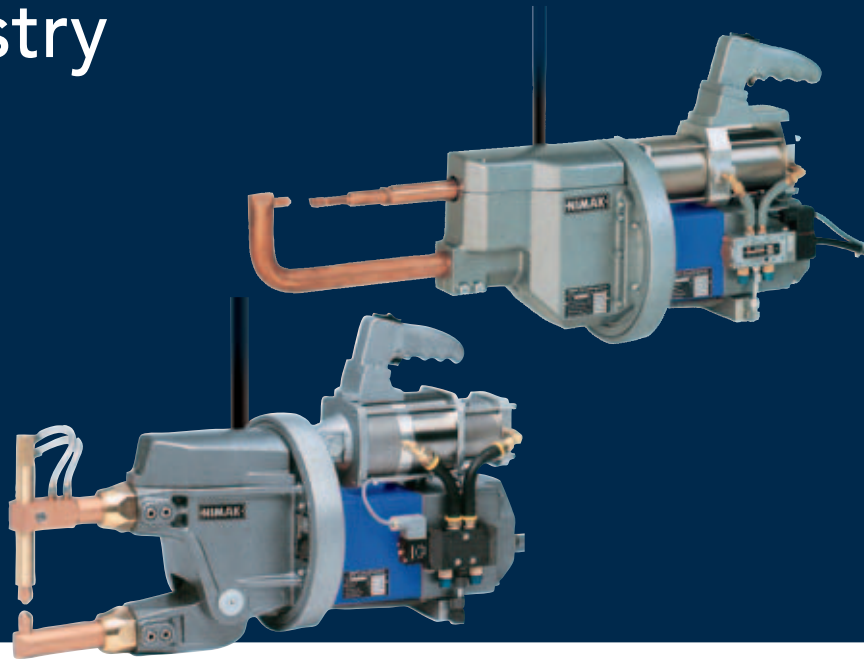


NIMAK BasicGun:

Perfect guns for trade and industry



BasicGun

For car body construction, ventilation channel construction, steel building, canteen kitchen manufacture, building industry, automobile suppliers, etc.

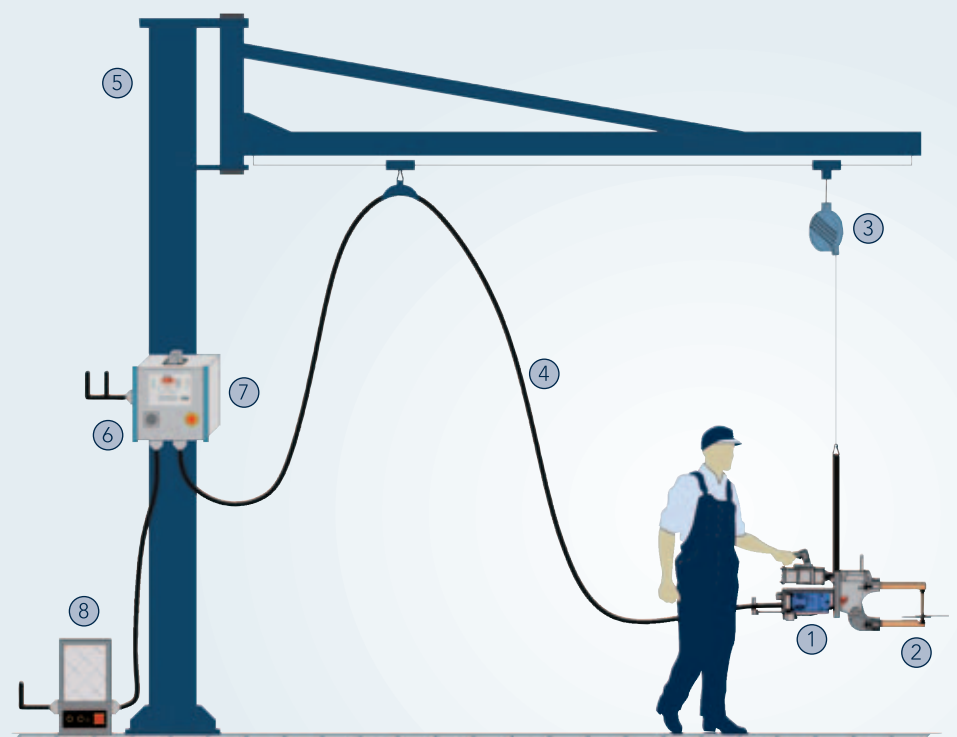
- small, lightweight, easy to handle
- excellent price-performance ratio
- low maintenance and wear
- short delivery times due to standardised prefabricated basic bodies

BasicGUN welds in trade and industry:

All components from one source, ready for a complete manual workplace

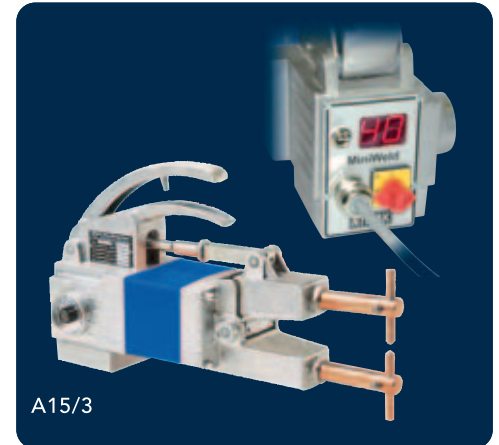
BasicGUN – the perfect gun for trade and industry | We are able to provide all plug-in components for your manual workplace from one source: gun, electrode arms, cable package, cooler, control, hall installation plate, etc.

- 1 ... Manual welding gun with integrated transformer
- 2 ... Electrode arms, water-cooled
- 3 ... Balancer
- 4 ... Connecting cable
- 5 ... Stand with turnable boom
- 6 ... Air service unit
- 7 ... Thyristor welding control
- 8 ... Cooling unit



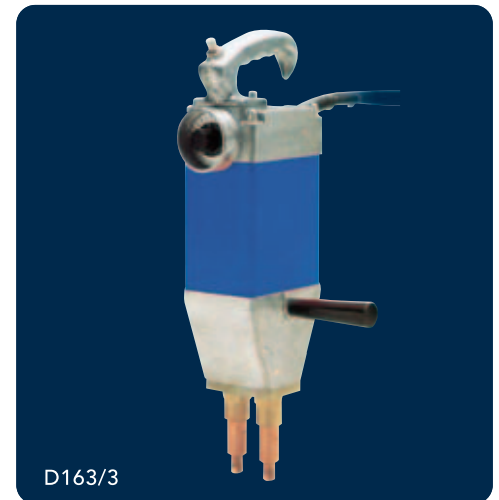
Spot welding guns A15 and A171

- *manually operated air-cooled welding guns with modern microcontroller for direct connection to mains supply*
- direct phase synchronal welding time adjustment at the gun
- gun with double digit LED display and main switch
- complete enclosed transformer
- integrated current flow monitoring
- 4m connecting cable with CEE plug
- including 1 set of standard electrodes



Double spot welding unit D163

- *manually operated air-cooled double spot welding unit with modern microcontroller for direct connection to mains supply*
- direct phase synchronal welding time adjustment at the gun
- gun with double digit LED display and main switch
- complete enclosed transformer
- integrated current flow monitoring
- 4m connecting cable with CEE plug
- 2 electrodes with spring balancing and pressure contact switch



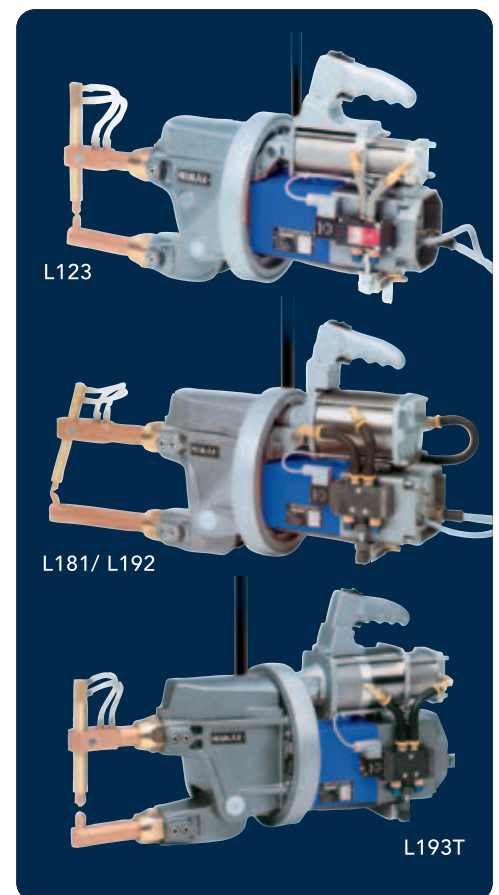
Technical data:

Type	A15/3	A171/3	D163/3
Nominal rating at 50% d.c.:	1,8 kVA	2,4 kVA	2,4 kVA
Welding values:	2+2 mm*1	2,5+2,5 mm*1	1,2 > 1,2
Arm distance:	50 mm	118 mm	38 mm
Electrode force*1:	180 daN	180 daN	18 daN
Max. welding values:	5,7 kA	6,8 kA	6,9 kA
Supply voltage:	230 V / 50 Hz oder 400 V / 50 Hz *2		

*1 with shorter throat *2 different voltages on request

Manual welding guns in X-design L123, L181, L192 and L 193T

- *pneumatically operated water-cooled manual welding guns*
- lightweight construction, compact design
- double-stroke cylinder
- integrated rotating assembly (360° gun rotation)
- complete enclosed transformer
- push button in handle
- gun with 4 m connecting cable and plug





Manual welding guns in C-design CL123 and CL292

- pneumatically operated water-cooled manual welding guns
- lightweight construction, compact design
- double-stroke cylinder
- integrated rotating assembly (360° gun rotation)
- complete enclosed transformer
- push button in handle
- gun with 4 m connecting cable and plug



Technical data:

Type	L123	L181	L192	L193T	CL123	CL292-2
Nominal rating at 50% d.c.:	14 kVA	14 kVA	22 kVA	28 kVA	14 kVA	22 kVA
Welding values:	3+3 mm*1	3+3 mm*1	3,5+3,5 mm*1	4+4 mm*1	2,5+2,5 mm	3+3 mm*1
Arm distance:	100 mm	117 mm	117 mm	117 mm	100 mm	100 mm
Electrode force*1:	215 daN	345 daN	345 daN	600 daN	185 daN	400 daN
Max. welding current:	11,2 kA	10,4 kA	13,3 kA	16,8 kA	12,0 kA	13,2 kA
Supply voltage:	400 V / 50 Hz *2					

*1 with shorter throat *2 different voltages on request

Electrode arms for water-cooled X-guns:

for Type L123 (∅ of electrode arm entry 25,4 mm)

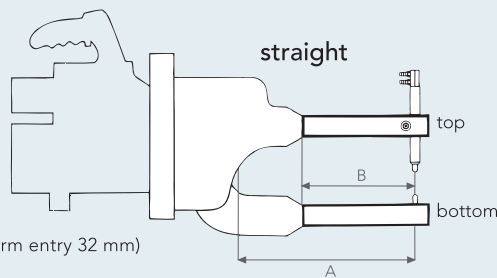
A	B	C
160	85	30
200	125	30
300	225	30
400	325	30
500	425	30

The electrode arms can be delivered at short notice in the following versions:
top-straight **top-angular**
bottom-straight **bottom-straight**
 (dimensions indicated)

A = throat
 B = arm length until center of electrode

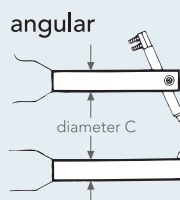
for Type L181 and L192 (∅ of electrode arm entry 30 mm)

A	B	C
180	85	35
220	125	35
320	225	35
420	325	35
520*	425	35
670*	575	35



for Type L193T (∅ of electrode arm entry 32 mm)

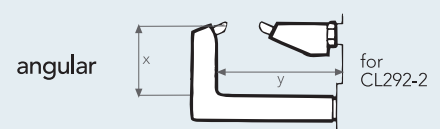
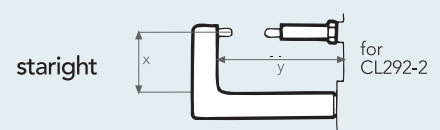
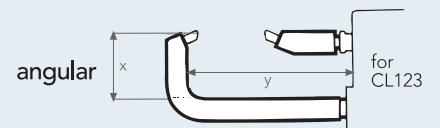
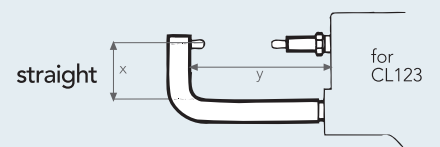
A	B	C
180	85	35
220	125	35
320	225	35
420*	325	35
520*	425	35
670*	575	35
800*	705	35



*Note: only to use with reinforcing sleeves. Keep in mind to order!

Electrode arms for C-guns:

for:	Type CL123	Type CL292-2
straight	X / Y 75 / 191	X / Y 82,5 / 160
angular	100 / 212	96,0 / 160



Welding control Guntrol I and II; air service unit HIP

- compact control with wall mounted installation plate
- mounted in compact case for suspension with ring eyes or fix mounted
- main voltage 380 V / 50 Hz
- control line, water supply and return connections as well as pluggable air connection
- easy operator guidance
- integrated main switch

Special features of the individual controls:

- **Guntrol I:**
 - 2 welding programs / 5 time
 - power section for up to 28 kVA nominal rating
 - integrated program selecting switch
- **Guntrol II:**
 - 8 welding programs / 5 times
 - power section for up to 28 kVA nominal rating
 - welding spot counter
 - current regulation function (secondary current)
 - monitoring function (limit value error)



Guntrol I



Guntrol II



HIP

Balancers

- balancers with integrated spring break protection
- carrying load 10 – 160 kg
- stroke: 2000 mm



Balancer

Cooling unit VWK

- cooling capacity from 814 W - 3500 W
- **The required cooling water temperature** is preselectable which guarantees continuous manufacturing quality for your production.
- **A constant cooling temperature** provides a better utilization of your production facilities as it increases considerably the service life of your tools.
- The closed cooling cycle system guarantees continuously **good quality cooling water**. It protects the coolant bores against contamination and limescale.
- The water supply and sewage are completely eliminated as you no longer need fresh water. This is unbelievably low-cost **environmental savings**.



VWK



All our business units are subject to a quality management system in accordance with DIN EN ISO 9001 and an environmental management system in accordance with DIN EN ISO 14001.



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