

NEXT GENERATION RESISTANCE SPOT WELDER

InvertaSpot NG

Balancer with space-saving park position

Variably adjustable balancer height

Optimised to a total height of 2.4 m

Ergonomic C-TrafoGUN holder

Integrated track widening for increased stability

- OEM welding programs / parameters pre-installed
- Current control and pressure monitoring
- Lightweight and handy C-TrafoGUN with 360° rotating handle and 5 meter hose package
- Quick-change C-electrode arm system
- Balancer working range 130° pivotable and variably adjustable up to 2.4 m height
- Integrated track widening incl. swivel and brake castors for maximum stability
- Efficient, powerful and universal cooling system (suitable for hot countries)
- Integrated storage for C-electrode arms, accessories and tools
- Integrated holders for hose package and power cable
- Expert mode - create and save individual welding parameters
- Documenting and managing job data
- Software update via interface function
- Handy drawer



InvertaSpot NexGen | 400 V

Item no. 471011NG

Scope of delivery

1 × Welding unit | 400 V
1 × 474475 C-TrafoGUN | NexGen-V8.1 | 200 V | 5 m
1 × 497096 Electrode caps | Ø 16 mm | Type A-32 | PU: 6 pcs.
1 × Operating instructions

InvertaSpot NexGen | 200 V

Item no. 472011NG

Scope of delivery

1 × Welding unit | 200 V
1 × 474476 C-TrafoGUN | NexGen-V8.1 | 200 V | 5 m
1 × 497096 Electrode caps | Ø 16 mm | Type A-32 | PU: 6 pcs.
1 × Operating instructions

C-TRAFOGUN AND OTHER ACCESSORIES
PAGE 41

The **mobile resistance spot welder** for car body repairs, featuring an **efficient liquid cooling system**, stands out with its **advanced control technology**.

It **automatically** detects the conditions at the joint and sets all the necessary welding parameters independently, ensuring a **safe and precise welding process**.

The device is operated **intuitively** via a user-friendly **color touch display** with self-explanatory symbols.

Special welding programs

are optimized for high-strength and higher-strength sheet metal, thin sheet metal, spot-welded adhesive joints and galvanized sheet metal.

During the entire welding process, the machine **continuously monitors the process parameters** and shows the actual values on the display.

This ensures **maximum process reliability and quality for every application**.

The new NG-V8.1 spot-welding gun offers maximum flexibility due to its 5 metre supply cable.



LIGHTWEIGHT SPOT-WELDING GUN WITH A WEIGHT OF LESS THAN 10 KG

MODERN COLOUR DISPLAY AND USER-FRIENDLY HANDLING



Tilttable display for ergonomic adjustment to the height of the worker.

OPTIMISED COOLING

through finned heat exchanger including fan

InvertaProtect | PU: 20 l
474009NG

Improved, ready-to-use coolant for maximum efficiency



TECHNICAL DATA

Item no. 471011NG / 472011NG / 473011NG

C-Arm/electrode force	6,2 kN
Mains voltage	3 × 400 V / 3 × 208 V
Fuse (slow-blow) type gG:	32 A / 63 A
Power	max. 15 kA regulated to 13 kA
Compressed air	6 - 8 bar
Protection class	IP 21
Open circuit voltage	12 V DC
Weight without coolant	125 kg
Dimensions in park position	195 × 95 × 89 cm



**LIGHTWEIGHT AND HANDY
C-TRAFOGUN WITH 360°
ROTATING HANDLE AND 5
METER HOSE PACKAGE**

**INTUITIVE OPERATION
VIA A COLOR TOUCH
DISPLAY**

**EFFICIENT,
POWERFUL
AND UNIVERSAL
COOLING SYSTEM**

**BALANCER WORKING
RANGE 130° PIVOTABLE**

**AUTOMATIC DETECTION OF
THE CONDITIONS AT THE
JOINT**


**DOCUMENTING AND
MANAGEMENT OF
JOB DATA**

SOFTWARE-UPDATES

**CURRENT CONTROL AND
PRESSURE MONITORING**

 **Consulting
& Service**

 **Local
Support**

 **Energy
efficiency**

 **Saves wor-
king time**

 **Updateable**



Resistance Spot Welding Machine

The VAS 6545B Resistance Spot Welding Machine can be used to carry out all approved repair welds on Volkswagen Group vehicles. The welding parameters are set via the intuitive touch display. The welding programmes are for high-strength to ultra-high-strength sheet metal, for spot-welded adhesive joints and for galvanised sheet metal.

VAS 6545B

VAS 6545B	ASE number	Mains voltage
Item no. 932160NG	ASE 437 075 82 000	3 × 400 V

Scope of delivery:

1 × Base unit | 400 V

1 × C-Transformer gun | NexGen-V8.1 | 400 V | 5 m

incl. 1 × C-Arm No. 1 | 150 × 70 mm | NexGen

1 × 932019NG | VAS 6545 B/10 Electrode caps | Ø 16 mm | Form A-32

1 × 932010NG | VAS 6545 B/1 InvertaProtect | VE: 20 |

1 × Manual

VAS 6545B	ASE number	Mains voltage
Item no. 932163NG	ASE 437 075 82 023	3 × 200-240 V

Scope of delivery:

1 × Base unit | 400 V

1 × C-Transformer gun | NexGen-V8.1 | 200 V | 5 m

incl. 1 × C-Arm No. 1 | 150 × 70 mm | NexGen

1 × 932019NG | VAS 6545 B/10 Electrode caps | Ø 16 mm | Form A-32

1 × 932010NG | VAS 6545 B/1 InvertaProtect | VE: 20 |

1 × Manual





AUTOMATIC FUNCTION

PROCESS CONTROL

**ELECTRONIC DISTANCE
MEASUREMENT**

**WATER COOLING UP TO
THE ELECTRODE CAPS**

**LARGE OPENING
ANGLE**

**WEIGHS LESS THAN
10 KG***

The transformer gun was developed under strict EN standards and corresponds to the latest technological state of safety. The electrode lock with water stop when changing the arms provides additional safety and comfort. With the numerous electrode arms and the extensive range of accessories, no wishes are left unfulfilled - but special designs are also possible on request.

C-TRAFOGUN NexGen-V8.1

C-TrafoGUN | NexGen-V8.1 | 400 V

Item no. 474475

Scope of delivery:

1 x C-TrafoGUN | NexGen-V8.1 | 400 V | 5 m

1 x 474001NG C-Arm No. 1 | Standard | 150 x 70 mm | NexGen

1 x 497096 Electrode caps | Ø 16 mm | Type A-32 | PU: 6 pcs.



Cable bundle length	L x W x H	Weight	Adjustment range	Welding current	Electrode pressure	Mark of conformity
Standard: 5 m	600 x 100 x 320 mm	9,8 kg*	0-13 kVA	15 kA	6,2 kN	CE/UL je nach Ausführung

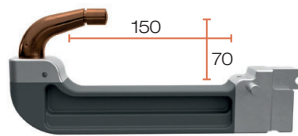
*without hose package, without C-Arm No. 1



C-Arm No. 1 | Standard | NexGen

Item no. 474001NG

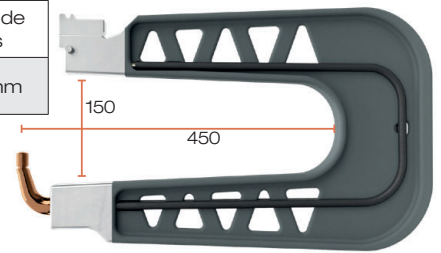
Elektrodes	Electrode caps
C-electrode curved	Ø 16 mm



C-Arm No. 3 | NexGen

Item no. 474003NG

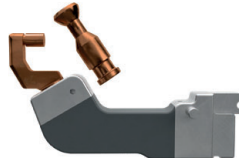
Elektrodes	Electrode caps
C-electrode curved	Ø 16 mm



C-Arm No. 2 | for wheel arches | NexGen

Item no. 474002NG

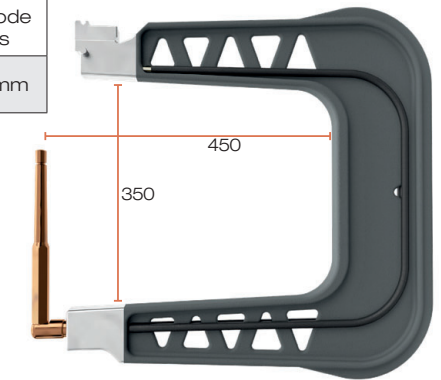
Electrodes	Electrode caps
Electrode A Mushroom shape Electrode B Spoon shape	Ø 13 mm



C-Arm No.4 | NexGen

Item no. 474004NG

Electrodes	Electrode caps
Electrode 260 mm Electrode holder	Ø 16 mm



Shape A | Mushroom

Item no. 497070

QTY: 1 pc.



Shape B | Spoon

Item no. 497072

QTY: 1 pc.



AIR32

497005

QTY: 6 pc.



C-Arm No. 5 | NexGen

Item no. 474005NG

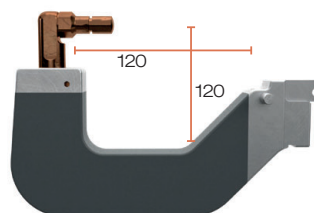
Elektrodes	Electrode caps
C-Electrode curved Electrode 135 mm Copper sealing washer	Ø 16 mm



C-Arm No. 6 | NexGen

Item no. 474006NG

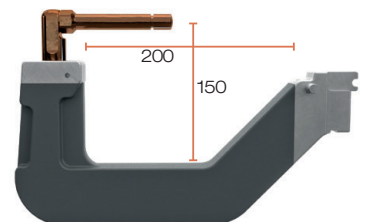
Electrodes	Electrode caps
Electrode 46 mm Electrode holder	Ø 16 mm



C-Arm No. 7 | NexGen

Item no. 474007NG

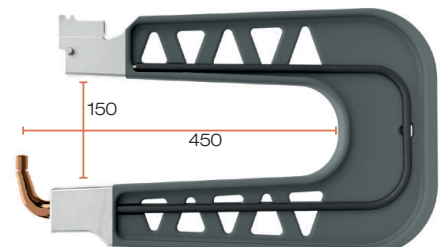
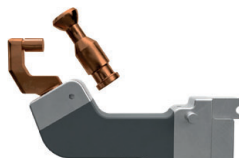
Electrodes	Electrode caps
Electrode 83 mm Electrode holder	Ø 16 mm



C-Arm Set | C-Arm No. 2 + No. 3 | NexGen

Item no. 474008NG

Electrodes	Electrode caps
C-Electrode curved Electrode A Mushroom shape Electrode B Spoon shape	Ø 16 mm





AUTOMATIC FUNCTION

PROCESS CONTROL

**ELECTRONIC DISTANCE
MEASUREMENT**

**WATER COOLING UP TO
THE ELECTRODE CAPS**

**LARGE OPENING
ANGLE**

The transformer gun was developed under strict EN standards and corresponds to the latest technological state of safety. The electrode lock with water stop when changing the arms provides additional safety and comfort. With the numerous electrode arms and the extensive range of accessories, no wishes are left unfulfilled - but special designs are also possible on request.

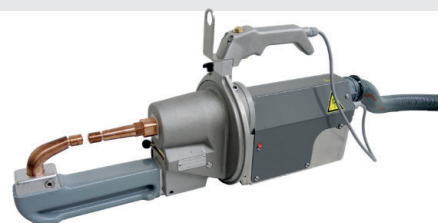
C-TRAFOGUN GT-V6

C-TrafoGun GT-V6

Item no. 474466

Scope of delivery:

- 1 x C-trafogan 3 m
- 1 x C-Arm No. 1
- 1 x Electrode caps I type A-32
- 1 x Suspension hook
- 1 x Rotation ring



Cable bundle length	L x W x H	Weight	Adjustment range	Welding current	Electrode pressure	Mark of conformity
Standard: 3 m up to 6 m possible	600 x 100 x 320 mm	15 kg	0-13 kVA	max. 13 kA	max. 6.2 N	CE/UL/CCC depending on version

