







Inverter Pulse Mig Welder 307

505-307-55

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Cebora Inverter Synergic Double Pulsed Mig Welder for aluminum.

Has built-in welding programs and upgradable welding software. Supplied with Push-Pull welding gun part #505-2003-39 for welding aluminum.

The Cebora Inverter Pulse Mig welder model 307-55 welds thin aluminum panels, and it is ideal for welding heavy structural aluminum parts.

Features

- Equipped with Power Factor Correction (PFC). IEC/EN61000-3-12 compliant.
- Fully adjustable digital control.
- Continuous, Spot, Stich, Hot start, Burn back, Gas pre-flow and post flow.
- Single and double pulse programs to facilitate aluminum welding.
- State of the art Push-Pull welding gun minimizes bird nesting of aluminum wire.
- Easy set up by simply selecting a welding program.
- Upgradable welding software.
- Up-Down Amp/Wire speed control on the welding gun.
- Adjustable Amp/Wire speed on the fly.
- No need to stop welding to adjust the welder.
- Easy to set up and use.

Technical

Power supply (V/Hz/A)	230 3Ph / 50-60 / 30
Power consumption (kW)	10.4 max
Dimensions (L x W x H) (inch)	39 x 20.5 x 39

Other Cebotech, Inc. products:

- [Inverter Pulse Mig Welder 307](#)
- [Synergic MIG Welder](#)
- [Cebora Power Spot 5600](#)
- [CEBORA Double Pulse Mig Welder](#)
- [Cebora Power Plasma 2025](#)

BMW Group Equipment Program

2013 Winter Promotion



1.888.222.7997

Promotion #BM12-319

Prices effective through March 31, 2013.

Welders and Plasma Cutters

Cebora Double Pulse Mig Welder

CEBORA Inverter Synergic mig welder with double pulse technology and dual welding gun capability. Supplied with Push-Pull gun for aluminum.

Features:

- Equipped with power factor correction technology (PFC). Complies with IEC/EN 61000-3-12.
- Fully adjustable digital control (continuous, spot, stich, hot-start, burn back, Pre-flow, Post-flow).
- Easy set-up by selecting welding programs from menu.
- Upgradable welding software.
- State of the art Push-Pull welding gun minimizes bird nesting of aluminum wire.
- Single and double pulse programs to facilitate aluminum welding.
- Dual welding gun capability allows easy change from aluminum to steel welding without disconnecting the welding gun.
- Up-down Amp/wire speed control on the welding gun.
- Adjustable amp/wire speed on the fly. No need to stop welding to adjust the welder.
- Easy to set-up and use.
- Single phase input power.
- Built-in welding programs for welding aluminum, Mig brazing, steel and stainless.



505-302

Cebora Power Spot 5600

CEBORA dual voltage (110V/220V) capacitor discharge stud welder for aluminum. Supplied with stud gun, dual ground cable, accessory kit, and manual mini puller tool for removing dents on aluminum panels.

Features:

- Equipped with Power Factor Correction technology (PFC). Complies with IEC/EN 61000-3-12.
- Capacitor discharge technology.
- Fully adjustable stud welding gun.
- Welds studs on Aluminum, Steel, Stainless, and Brass.
- Easy to set up and operate.
- Easy to use aluminum dent puller.



505-2154

Cebora Inverter Plasma Cutter for All Metals

Features:

- Easy to use.
- Inverter technology for light weight.
- Dual voltage input power: 115/220V. Auto switch.
- Cuts steel smoothly up to 3/8".
- Consumes less air than other cutters.
- Includes 13' cutting torch.

Specifications:

- 115/220V single phase input power with auto switch.
- 30Amp circuit for 115V, 20Amp circuit for 220V.
- 100PSI air input.
- Weighs 28 lbs.

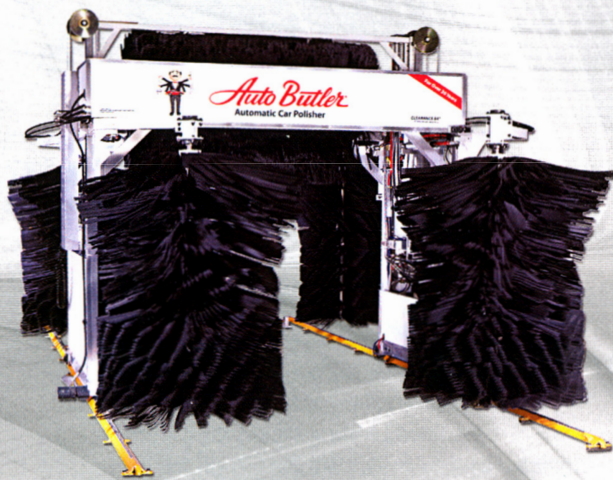


505-279

Supplied by: Cebotech

BMW Group Equipment Program

2012 Fall Promotion



Promotion #BM12-230

1.888.222.7997

Prices effective through December 31, 2012.

CEBORA Synergic Double Pulse MIG 2060/MD

Inverter Synergic double-pulse MIG welder for aluminum. Has built-in welding programs and upgradable welding software. Supplied with Push-Pull welding gun for aluminum.

Features:

- Equipped with power factor correction technology (PFC). Complies with IEC/EN 61000-3-12.
- Fully adjustable digital control (continuous, spot, stitch, hot-start, burn back, pre-flow, post-flow).
- Single- and double-pulse programs to facilitate aluminum welding.
- State-of-the-art Push-Pull welding gun minimizes bird-nesting of aluminum wire.
- Easy set-up by selecting welding programs.
- Up-gradable welding software.
- Up-down Amp/wire speed control on the welding gun.
- Adjustable amp/wire speed on the fly. No need to stop welding to adjust the welder.
- Easy to set-up and use.



505-301

Supplied by: Cebotech

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Industry-leading field sales organization. Our technical specialists will provide assistance on product selection, application, service and support for "One Stop Shopping" on all service department needs.
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Cebora Power Plasma 2025

505-270



Cebora 220V single phase, Inverter plasma cutter. Infinite output adjustment from 5 to 20 amps.

Ideal for cutting Aluminum and Ultra High Strength Steels.

Features

- Equipped with Power Factor Correction technology (PFC). Complies with IEC/EN 61000-3-12.
- Infinitely adjustable output from 5 to 20 amps.
- Patented plasma torch design for low air consumption and maximum arc stability at low amps.
- Easy arc start without high frequency.
- 5/16" maximum cutting capacity on steel.
- Light weight and portable.
- Easy to operate.

Technical

Weight approx. (lbs)	21
Power supply (V/Hz/A)	230V 1PH/50-60/30A
Dimensions (L x W x H) (inch)	15.6 x 7 x 13.6
Welding cable length (inch)	156

Other Cebotech, Inc. products:

- [TECNA Smart-Plus Spot Welder](#)
- [Power Plasma 3035](#)
- [CEBORA EVO622 Synergic Mig Welder](#)
- [CEBORA Double Pulse Mig Welder](#)
- [Inverter Pulse Mig Welder 307](#)

[Equipment Catalog](#)

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[Read all](#)[National Selfie Day](#)[Read more](#)[First Day of Summer](#)[Read more](#)[Add to Order](#)[Request a Call](#)CEBORA EVO622 Synergic Mig
Welder.

505-622



CEBORA 230Amps, 230V Single phase Synergic Mig welder. Supplied with ground cable and 10' mig welding gun NM15 with quick-connect attachment. Equipped with digital Synergic control.

Features

- Equipped with Power Factor correction technology (PFC). Complies with IEC/EN 61000-3-12.
- Built-in welding programs for welding aluminum, Mig brazing, steel and stainless.
- Push-Pull gun compatible for welding aluminum.
- One Synergic control knob coordinates wire speed and amps and adjusts both simultaneously.
- Continuous, Spot, and Stich welding mode.
- Rear mounted tray for gas cylinder.
- Heavy duty castors for smooth and easy mobility around the shop.
- Single phase input power.

Technical

Welding cable length (inch)	120
Weight approx. (lbs)	130
Power supply (V/Hz/A)	230V 1PH/50-60/30A
Dimensions (L x W x H) (inch)	33 x 21 x 26.5

Other Cebotech, Inc. products:

- [TECNA Smart-Plus Spot Welder](#)
- [CEBORA Synergic Double Pulse MIG 2060/MD](#)
- [Cebora Power Plasma 2025](#)
- [Power Plasma 3035](#)
- [CEBORA Spot 5500 Aluminum Stud Welder](#)

2005

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Cebora Inverter Pulsed MIG Welder

Part No. 505-285

The Inverter Pulsed MIG model 505-285 is a 220-volt single-phase welder with an output power ranging from 15 to 200 amps. The Pulsed MIG 505-285 was designed and developed to meet the critical welding requirements of today's high-tech collision repair shops. To simplify and reduce the welder set-up time, the Pulsed MIG is supplied with built-in Synergic and Pulsed programs for welding aluminum, high-strength steel, and the MIG brazing of galvanized steel. The welding programs can be updated via the Internet by connecting the welder to your PC. In this way, the welder is always up-to-date. A Push-Pull Gun (505-2003) is available for welding aluminum. The Push-Pull Gun has a direct connection to the welder's Synergic controls so that the user can adjust wire speed and voltage with a single button in the gun handle.

Accessories:

- 505-2003 Push-Pull Gun for welding aluminum
- 505-129 Large wire reel holder

Specifications:

220V single-phase @ 40A, 50/60Hz,
11"x18"x19", weighs 44lbs.

Cebora Power Spot 5500

Part No. 505-2153

The Power Spot 5500 is an 110V / 220V Capacitor Discharge stud welder capable of welding aluminum, steel and stainless threaded studs up to 6mm. This welder is ideal for welding replacement aluminum studs onto aluminum panels. By delivering several thousand amps in 2 to 3ms, the weld can penetrate the surface oxide of aluminum without damaging the panel. By using the optional Stud Pulling tool #505-1288, the aluminum studs can be used for pulling dents on aluminum panels.

Accessory:

- 505-1288 Stud Pulling Tool

Specifications:

110/220V @ 20A, 50/60Hz, 7"x15"x16", weighs 33lbs.



Cebora Inverter Power Plasma 3100

Part No. 505-296

The Power Plasma 3100 is an 110V/220V inverter plasma cutter capable of cutting any metal using clean and dry shop air or nitrogen for high-quality cuts. This plasma cutter is particularly suited for cutting boron steel. It will cut carbon steel up to 3/8", and will sever steel up to 1/2". With an operating range from 25 Amps down to 5 Amps and a new torch design, the Power Plasma 3100 is capable of cutting overlapping panels without damaging the bottom panel. Simple controls make this plasma cutter easy and simple to use.

Specifications:

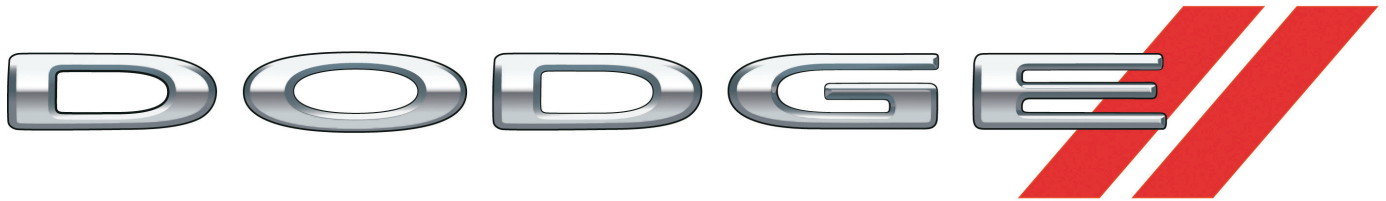
110/220V @ 30A, 50/60Hz, Shop air, 6"x14"x15", weighs 28lbs.

Supplied by: Cebotech

CHRYSLER



Jeep®





to order call 1-800-223-5623

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505-270 505-270

FEATURES
SPECIFICATIONS

Cebotech Cebora Power Plasma 2025
505-270
Cebora 220 volt single phase, Inverter plasma cutter. Infinite output adjustment from 5 to 20 amps contact arc start (No High Frequency). 5/16" maximum cutting capacity on Steel. Ideal for cutting Aluminum and Ultra High Strength Steels.

Features

- Equipped with Power Factor Correction technology (PFC). Complies with IEC/EN 61000-3-12.
- Infinitely adjustable output from 5 to 20 amps.
- Patented plasma torch design for low air consumption and maximum arc stability at low amps.
- Easy arc start without high frequency.
- Light weight and portable.
- Easy to operate.

Specifications

- Dimensions: 15.6" l x 7" w x 13.6" h
- Power supply: 230 volt 1 phase / 50-60 Hz / 30 amps
- Weight approx.: 21 lbs.
- Welding cable length: 156"

SEE ALSO:
OTC/SPX Hesse Cutting Tools



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505-279 505-279

FEATURES
SPECIFICATIONS
INCLUDES

Cebora Inverter Plasma Cutter
505-279
Features

- Easy to use.
- Inverter technology for light weight.
- Dual voltage input power: 115/220 volt. Auto switch.
- Cuts steel smoothly up to 1/2".
- Consumes less air than other cutters.

Specifications

- 115/220 volt 1 phase input power with auto switch
- 30 amp circuit for 115 volt, 20 amp circuit for 220 volt
- 100 p.s.i. air input.
- Weighs 28 lbs.

Includes

- 13' cutting torch.



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505-301

505-301

FEATURES

SPECIFICATIONS

INCLUDES

Cebora Inverter Pulse Mig for Aluminum Welding

505-301

Features

- Built in welding programs for easy set-up.
- Welding programs for Aluminum, Steel and Mig Brazing.
- Upgradable software via internet.
- Supplied with Push-Pull welding gun for aluminum.
- Makes welding aluminum easy.
- One input adjusts wire speed and power simultaneously.
- Adjust wire speed and power without stopping.

Specifications

- 220 volt 1 phase input power
- 30 amp circuit
- 5 – 200 amps output

Includes

- 2003 Push-Pull welding gun.
- Additional drive rolls for different size wire.

SEE ALSO:

Pro Spot PR-10DUO MIG and Spot Welder



to order call 1-800-223-5623



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505-302

505-302

FEATURES

SPECIFICATIONS

Cebotech Cebora Double Pulse 302

505-302

CEBORA Inverter Synergic mig welder for aluminum with double pulse technology and dual welding gun capability. Supplied with Push-Pull gun for aluminum.

Features

- Equipped with power factor correction technology (PFC). Complies with IEC/EN 61000-3-12.
- Fully adjustable digital control (continuous, spot, stitch, hot-start, burn back, Pre-flow, Post-flow).
- Built-in welding programs for welding aluminum, Mig brazing, steel and stainless.
- Easy set-up by selecting welding programs from menu.
- Up-gradable welding software.
- State of the art Push-Pull welding gun minimizes bird nesting of aluminum wire.
- Single and double pulse programs to facilitate aluminum welding.
- Dual welding gun capability allows easy change from aluminum to steel welding without disconnecting the welding gun.
- Up-down Amp/wire speed control on the welding gun.
- Adjustable amp/wire speed on the fly. No need to stop welding to adjust the welder.
- Easy to set-up and use.
- Single phase input power.

Specifications

- Dimensions: 38" l x 24" w x 40" h
- Power consumption: 5.5 kW
- Power supply: 230 volt 1 phase / 50-60 Hz. / 35 amps
- Weight approx.: 169 lbs.
- Welding cable length: 144"

SEE ALSO:

Cebotech Cebora EVO622 Synergic Mig Welder

Cebotech Inverter Pulse Mig for Aluminum Welding

Pro Spot PR-10DUO MIG and Spot Welder



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505-622

505-622

FEATURES

SPECIFICATIONS

Cebotech Cebora EVO622 Synergic Mig Welder

505-622

CEBORA 230 amps, 230 volt 1-phase Synergic Mig welder. Supplied with ground cable and 10' mig welding gun NM15 with quick-connect attachment. Equipped with digital Synergic control.

Features

- Equipped with Power Factor correction technology (PFC). Complies with IEC/EN 61000-3-12.
- Built-in welding programs for welding aluminum, Mig brazing, steel and stainless.
- Push-Pull gun compatible for welding aluminum.
- One Synergic control knob coordinates wire speed and amps and adjusts both simultaneously.
- Continuous, Spot, and Stich welding mode.
- Rear mounted tray for gas cylinder.
- Heavy duty castors for smooth and easy mobility around the shop.
- Single phase input power.

Specifications

- Dimensions: 33" l x 21" w x 26.5" h
- Power supply: 230 volt 1 phase / 50-60 Hz. / 30 amps
- Weight approx.: 130 lbs.
- Welding cable length: 120"

SEE ALSO:

Cebotech Cebora Double Pulse 302

Cebotech Inverter Pulse Mig for Aluminum Welding

Pro Spot PR-10DUO MIG and Spot Welder



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505-2154

505-2154

FEATURES

SPECIFICATIONS

Cebotech Cebora Power Spot 5600

505-2154

CEBORA dual voltage (110V/220V) capacitor discharge stud welder for aluminum. Supplied with stud gun, dual ground cable, accessory kit, and manual mini puller tool for removing dents on aluminum panels.

Features

- Equipped with Power Factor Correction technology (PFC). Complies with IEC/EN 61000-3-12.
- Capacitor discharge technology.
- Fully adjustable stud welding gun.
- Welds studs on Aluminum, Steel, Stainless, and brass.
- Easy to set up and operate.
- Easy to use aluminum dent puller.

Specifications

- Dimensions: 14.8" l x 7" w x 16" h
- Power supply: 110/220 volt, 1 phase / 50-60 Hz. / 20 amps
- Weight approx.: 33 lbs.
- Welding cable length: 162"

SEE ALSO:

Blackhawk Water Cooled Hi-Frequency Welder

CAR-O-LINER CR500/510 Series Spot Welder

CAR-O-LINER CTR12000 Spot Welder

Cebotech TECNA SMART-PLUS Spot Welder

Cebotech TECNA 8550-EVOLUTION Inverter Resistance Spot Welder

Chief Elektron Mi-100 Multispot Spot Weld Inverter System

Chief Elektron MULTISPOT5 Mi-100control Spot Welder

Pro Spot i4 Inverter Resistance Spot Welder

Pro Spot i5 Smart Welder

Pro Spot i5 Smart



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DECOUPAGE

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1

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Générateur pour le découpage Plasma

Appareil permettant le découpage thermique des tôles jusqu'à 10 mm d'épaisseur.



L'expertise CITROËN

Equipement silencieux, permet la coupe rapide des métaux dans de bonnes conditions d'hygiène et de sécurité. Dégagements toxiques limités lors des découpages de pièces revêtues.

Références

Référence : CB.8029600

Agrément : 04.929

Garantie : 1 an pièces et M.O.

Prix indicatif H.T. : 1 648,53 €

Code E.C.M.E. :

Description

- Générateur à technologie INVERTER pour découpe au plasma
- Réglage continu électronique
- Une torche de coupage CP40
- Un câble primaire
- Un faisceau de torche
- Un commutateur marche arrêt
- Fournie avec notice d'utilisation
- Conforme à la norme CE

- Facteur de marche (10 mn - 40°C) : IEC60974.1 25A 35%
- Epaisseur maxi sur acier : 6 à 10 mm
- Consommation d'air : 60 L/mn à 3,5 bars
- Classe de protection : IP23C
- Poids : 13 Kg
- Longueur câble torche : 4,00 m
- Longueur câble de masse : 6,00 m
- Section des câble : 8,3 mm²

Caractéristiques

- Longueur : 382 mm
- Largeur : 357 mm
- Hauteur : 150 mm
- Tension d'alimentation : 115/230V 50/60Hz
- Puissance d'installation : 3,2 KW
- Puissance absorbée : 4,2 KVA 35%
- Courant Min-Max obtenu en soudage : 25 A

Options

- Chariot de transport : réf.. : CB.8143200
- Jeu de 5 électrodes : réf.. : CB.8151600
- Jeu de 5 buses Ø 0,7 mm : réf.. : CB.8129000





Technical Information

Model	Area	Progressive No.	Date
All models	10	1940	July 2011

**This Technical Information Cancels and Replaces
the previous T.I. no. 1932 of June 2011**

Subject: Update to welding machines to comply with new legislation

Please note that as from December 2010, the new European Directive (IEC/EN) 61000-3-12 has been in effect. The directive **regulates the maximum harmonic distortion permissible** for electrical equipment connected to the low voltage public mains electricity grid (and regarding welding machines with current outputs between 16A and 75A per phase). The legislation is not applicable for welding machines connected to private distribution boxes. Directive 61000-3-12 establishes the maximum limits permissible to be observed by manufacturers.

As a result, with reference to the “Aftersales Standard Book _ Annex I – Minimum requirements for non-specific bodyshop equipment”, to Technical Information 1339 of June 2005 and to TI 1771 of November 2009, the new recommended welding machine, described as follows, is now available instead of the “welding machine for continuous wire welding” currently in use:

Cebora Sound Mig 2060/MD STAR DOUBLE PULSE (Art. 301)



- IMPORTANT -

Authorised bodywork repair centres already owning a welding machine are **NOT REQUIRED TO REPLACE** the unit.

This is **ONLY** intended for centres **PURCHASING** a **NEW WELDING MACHINE**.

The welding machine comes complete with Push-Pull torch (art. 2003) (Fig. 1) and a specific carrier trolley (art. 1656) (Fig. 2).

Fig. 1



Fig. 2



Modello
Model**All models****RISERVATO
CONFIDENTIAL**Data
Date**June 2005**Area
Area**10**N. Progressivo
Progressive no.**1339**

Subject: **Power source for MIG/MAG continuous seam welding**
"SOUND MIG 2035/M PULSE".

We would like to inform you that, as an alternative to the standard tooling/equipment for repairing aluminium chasses, the above mentioned new **single-phase inverter power source** is now available.

This power source, which has been tested and approved by Ferrari, can be ordered (together with its accessories), directly from the company **CEBORA S.p.A.**, which will also send the parts to your headquarters.

- › **SOUND MIG 2035/M PULSE**
power source (Fig. 1),
art. code 285
- › **Torch PUSH-PULL (Fig. 2),**
4 metres, equipped with UP-DOWN,
art. code 2003
- › **TROLLEY (Fig. 3), for carrying the**
power source,
cod. art. 1432



Fig. 2



Fig. 1



Fig. 3

Please send your requests (contact person Mr. **Antonio Scognamiglio**) directly to:

CEBORA S.p.A.
Via Andrea Costa, 24
40057 Cadriano di Granarolo
Bologna, Italy
Tel. +39-051-765000
Fax +39-051-765222
E-mail: sales.dept@cebora.it

Thank you for your attention.

Thatcham

This is to certify that:

Jaguar Sound MIG 2060 MD

As supplied by Wilkinson Star Limited

Designed & Manufactured by CEBORA S.p.A.

Has been assessed and found to perform in compliance with
Thatcham criteria:

TQA[®] Repair Equipment: MIG Brazing Equipment

This product is tested for

**Performance, MIG Weld Creation and Weld
Strength**

Product suppliers are authorised to use the following logo when
marketing Quality Assured Repair Equipment



Repair Equipment

Date Issued:

1st February 2012

Expiry Date:

1st February 2014

Certificate No:

TQA 273

A handwritten signature in black ink, appearing to read "Dean Lander", is written over a series of faint, curved lines.

Dean Lander

Head of Operations
www.thatcham.org

CERTIFICATE

Thatcham

This is to certify that:

Jaguar Double Pulse MIG 2035 MD

**As supplied by Wilkinson Star Limited
Designed & Manufactured by CEBORA S.p.A.**

Has been assessed and found to perform in compliance with

**TQA® Criteria for Repair Equipment:
MIG Brazing Equipment**

Date Issued:

12th March 2010

Expiry Date:

12th March 2012

Certificate No:

TQA200



Jason Moseley

Chief Operating Officer



Ford Motor Company

Ford Customer Service Division
Ford Paint and Body Technology Center
26700 Princeton
Inkster, Michigan 48141

March 12, 2015

Bill Berman, NA Mgr.
Cebotech, Inc.
1757 N. Nova Rd. #109
Holly Hill, FL 32117

Re: North American and Global Certification of Cebora Products

Dear Bill,

After review and testing at the Ford Paint and Body Technology Center, I am pleased to announce our approval of the following Cebora/Cebotech products:

Cebora Inverter Double Pulse MIG Welder, Model 301

Cebora Inverter Double Pulse MIG Welder, Model 302

Cebora Aluminum Stud Welder, Model 2156

Cebora Inverter Plasma Cutter, Model 279

Cebora Synergic Pulse Inverter MIG Welder, Model 322

Thank you for allowing us to review these products. Please use this information as you require to reinforce your excellent standing with the Ford Motor Company.

Thank You, and Best Regards,

Gerry Bonanni
FCSD Paint & Body Senior Technical Engineer



Art. 301



Art. 302



Art. 2156



Art. 279



Art. 322



Certificate

MIG welding machine

Manufacturer:
CEBORA

Model:
SOUND MIG 2060/MD
STAR DOUBLE PULSE
Art.: 301

The Welder complies with the
requirements of the Ford GmbH,
Cologne

The test was carried out to
the specifications of 2008

06.05.2012

Date

Bernd Schmidt

Test institute





Certificate

MIG welding machine

Manufacturer:
CEBORA

Model:
JAGUAR SOUNDMIG 2060/MD
STAR DOUBLE PULSE
Art.: 302

The Welder complies with the
requirements of the Ford GmbH,
Cologne

The test was carried out to
the specifications of 2008

06.05.2012

Date

Bernd Schmidt

Test institute





Item Detail

[Table of Content](#) ▶ [Welding](#) ▶ [Welder Accessories](#)

Image shown may not be actual product.
Product and price information are
subject to change without notice.

Cebotech Cebora Power Plasma

Item Number: CBI270

Supplier: [CEBOTECH INC](#) ⓘ

* log in for dealer pricing

Direct from 3rd Party Supplier

[Add To Cart](#)

Same as item number: 505-270

Description

Cebora 220 volt single phase, inverter plasma cutter. Infinite output adjustment from 5 to 20 amps contact arc start (no high frequency). 5/16" Maximum cutting capacity on steel. Ideal for cutting aluminum and ultra high strength steel is.

Features

- Equipped with power factor correction technology (PFC). Complies with IEC/EN 6100 0-3-12
- Infinitely adjustable output from 5 to 20 amps
- Patented plasma torch design for low air consumption and maximum arc stability at low amps
- Easy arc start without high frequency
- Light weight and portable
- Easy to operate

Warranty

One (1) year.

Product Specification

Dimensions (L x W x H)	15.6" x 7" x 13.6"
Power Supply	230 volt 1 phase / 50-60 Hz. / 30 amps
Weight approx.	21 lbs.
Welding Cable Length	156"



Item Detail

[Table of Content](#) ▶ [Welding](#) ▶ [Welder Accessories](#)

Image shown may not be actual product.
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subject to change without notice.

Inverter Power Plasma Cutter

Item Number: CBI279

Supplier: [CEBOTECH INC](#) ⓘ

* log in for dealer pricing

Direct from 3rd Party Supplier

[Add To Cart](#)

Same as item number: 505-279

Description

Plasma cutter with inverter technology.

Features

- Inverter technology
- Runs on clean shop air
- Cuts out spot welds
 - allows for cutting of overlapping panels without damaging the bottom panel
- Safely used in the vicinity of electronic equipment such as computers, etc.
- Built in air regulator
- Built in 13 ft. torch
- Capable of cutting any metal
 - Boron steel, steel, stainless, copper, brass, aluminum, painted metals, rusted metal, and coated metals up to 3/8 cleanly, sever 1/2.
 - Self-start for cutting screens

Includes

- Built in air regulator
- 13ft. torch

Warranty

One (1) year.

Product Specification

Voltage	110v or 220v
Output Power (amp)	5 to 30
Weight	28 lbs.



Item Detail

[Table of Content](#) ▶ [Welding](#) ▶ [Mig Welders](#)

Image shown may not be actual product.
Product and price information are
subject to change without notice.

Inverter Double Pulse Aluminum
Mig
Item Number: **CBI301**
Supplier: [CEBOTECH INC](#) ⓘ

* log in for dealer pricing

Direct from 3rd Party Supplier

[Add To Cart](#)

Same as item number: 505-301

Description

Inverter double pulse aluminum mig.

Features

- Pre-set welding programs for easy set up
- Weld very thin aluminum with full penetration without burn through
- Double pulse feature vital for aluminum welding
- Download program updates to keep your welder current to the newest programs
- Mig brazing for galvanized steel
- Compact and portable
- Especially suited for aluminum welding

Warranty

One (1) year.

Product Specification

Voltage	220 volt single phase at 40 amps 50/60 Hz
Weight	47 lbs.
Output Power	15-200 amps, 35% duty cycle at 200% amps, and 60% at 60 amps



Item Detail

[Table of Content](#) ▶ [Welding](#) ▶ [Welder Accessories](#)

Image shown may not be actual product.
Product and price information are
subject to change without notice.

Inverter Mig Jaguar Double
Pulse Double Gun
Item Number: **CBI302**
Supplier: [CEBOTECH INC](#) ⓘ

* log in for dealer pricing

Direct from 3rd Party Supplier

[Add To Cart](#)

Same as item number: 505-302

Description

Inverter mig jaguar double pulse double gun.

Features

- Pre-set welding programs for easy set up
- Double gun capability
- Double wire feed units
- One power supply
 - Allows simultaneous readiness for aluminum welding using the option push-pull gun
- Minimize burn-through when welding on very thin aluminum
- Double pulse feature vital for aluminum welding
- Download program updates to keep your welder current to the newest welding programs
- Mig brazing for galvanized steel

Includes

- CBI2003 Push-pull Gun

Warranty

One (1) year.

Product Specification

Output Power	15-200 amps, 60% duty cycle at 200 amps, and 100% at 160 amps
Voltage	220 volt single phase at 40 amps 50/60 Hz
Weight	165 lbs. mounted on heavy duty casters

Land Rover

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PROGRAMME**

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für Land Rover Händler**

ALUMINIUM-SCHWEISSTECHNIK



MIG 1660 M CEBORA

Einphasige Stromquelle mit Inverter-Technologie zum MIG/MAG-Schweißen mit kontinuierlich zugeführtem Schweißdraht.
Anwendungsbereiche: unlegierter Stahl und Edelstahl, verzinkte Materialien, Aluminium.

Beim Schweißen von unlegiertem Stahl und Edelstahl repräsentiert diese Maschine dank Inverter-Technologie die Weiterentwicklung der traditionellen MIG/MAG-Schweißmaschinen. Auch beim Schweißen von Aluminium erlaubt die Inverter-Technologie das Arbeiten mit sehr niedrigen Strömen und garantiert dennoch eine hervorragende Lichtbogenstabilität.

Technische Daten

Einphasige Netzspannung	230 V, 50/60 Hz
max. Anschlußwert	4,8 kW
Leistungsaufnahme	6,2 KVA max.
Min-Max-Strom beim Schweißen	15/185 A
Einschaltdauer (10 min.)	160 A 60%
stufenlose Regulierung	Electronic
Drahtstärke	0,6/0,8 FE – 0,6/0,8/1 AL – 0,8/0,8 INOX
max. Rollendurchmesser	d=200 mm, 5 kg
Punktschweißen mit Schutzgas (Volldraht), kein Schutzgas (Fülldraht)	
Schutzart	23
Verwendung der Schweißdrähte bei erhöhter elektr. Gefährdung	
Gewicht	20 kg

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WELDERS/PLASMA CUTTER

SUPPLIED BY: CEBOTECH, INC.

NEW
FOR 06

CEBORA Inverter Pulsed MIG Welder Model No. CBI285

The Inverter Pulsed MIG welder is a 220 volt, single-phase welder with an output power ranging from 15 – 200 amps. Designed and developed for today's collision repair shop, the Pulsed MIG CBI285 is supplied with built-in Synergic and Pulsed programs for welding high strength steel, MIG Brazing of galvanized steel and aluminum when using the included CBI2003 Push-Pull gun. The built in programs can be updated easily via the Internet so the welder is always up to date.

Specifications:

- 220 volt single-phase @ 40 amps
- 50/60 Hz
- 11" x 18" x 19"
- Weight 52 lbs.

Option:

CBI1242 MIG gun for welding steel and MIG brazing.



CEBORA Power Spot 5500 Model No. CBI2153

The Power Spot 5500 is a 110 volt / 220 volt Capacitor Discharge stud welder capable of welding aluminum, steel and stainless threaded studs up to 6 mm in diameter. This welder is ideal for welding replacement aluminum studs onto aluminum panels. By delivering several thousand amps in 2 – 3 ms, the weld can penetrate the surface oxide of aluminum without damaging the panel. By using the optional Aluminum Stud Pulling tool CBI1288, the aluminum studs can be used for pulling dents on aluminum panels.

Specifications:

- 110 / 220 volt @ 20 amps
- 50/60 Hz
- 7" x 15" x 16"
- Weight 33 lbs.

Option:

CBI1288 Aluminum stud pulling tool



CEBORA Synergic MIG Welder Model No. CBI572

The Synergic MIG welder is a 220 volt, single-phase welder with an output power ranging from 25 – 200 amps. Designed and developed for today's collision repair shop, the Synergic MIG 572 is supplied with a MIG gun NM15 and built-in Synergic programs for welding high strength steel, MIG Brazing of galvanized steel and aluminum, when using the optional Push-Pull gun CBI2003. The built in programs can be updated easily via the Internet by using the optional interface kit CBI136 so the welder is always up to date.

Specifications:

- 220 volt, single-phase @ 40 amps
- 50/60 Hz
- 21" x 33" x 26"
- Weight 117 lbs.

Options:

CBI2003 Push-pull gun for welding aluminum.
CBI136 Interface kit



CEBORA Inverter Power Plasma 3100 Model No. CBI296

The Power Plasma 3100 is a 110 volt / 220 volt Inverter Plasma Cutter capable of cutting any metal using clean and dry shop air or nitrogen for high quality cuts. This plasma cutter is particularly suited for cutting Boron steel. It will cut carbon steel up to 3/8" and will sever steel up to 1/2". With an operating range from 25 amps down to 5 amps and a new torch design, the Power Plasma 3100 is capable of cutting overlapping panels without damaging the bottom panel. Simple controls make this plasma cutter easy and simple to use.

Specifications:

- 110 / 220 volt @ 30 amps
- 50/60 Hz
- Shop air
- 6" x 14" x 15"
- Weight 29 lbs.





L I N C O L N

ROTUNDA

GENERAL SERVICE EQUIPMENT

5/10/2015

382-302 - Jaguar Double Pulse Mig Welder



Item may not be exactly as pictured.

Jaguar Double Pulse Mig Welder
Rotunda Part Number: 382-302
Supplier Part Number: 302
ITEM SUPPLIED BY CEBOTECH

[Details](#)

Shipping Options:
• Truck Shipment
• Ground
• Second Day Air

Description:

CEBORA's Jaguar is a double pulse, synergic, inverter welder with pre-set welding programs for easy set up for any welding job including a program for the specialty 1.2 aluminum 5444. Easy download updates will keep the programs current. The pulse feature is vital for automotive aluminum repair. The 302 will weld very thin aluminum with full penetration without burn through. The 302 has a Double gun capability, Double wire feed units and one power supply allowing simultaneous readiness for welding aluminum and other metals. Have one side of the machine set up for aluminum welding using a Push-pull gun (art:2003) and aluminum wire. Set up the opposite side with a heavy-duty mig gun (art: 1242) and silicone bronze wire for mig brazing or any other wire. Synergic programs and pulse programs are standard using .6, .5, .9 1.0, 1.2 steel and aluminum. Uses .8, .9 stainless and silicon bronze as well as the special 1.2 aluminum 5444.

Comes with Push Pull Gun Art : 2003 which is especially suited for aluminum welding. This replaces bulky spool guns and eliminates aluminum wire feed problems that is inherit with a standard mig gun. **The Push Pull** torch has a built in wire feed motor in the handgrip allowing the machines wire feeder to push the wire while the torch pulls the wire. Wire feed hang ups are virtually nonexistent. The operator can control current up or down from the handle. This gun will feed all solid core wire with diameter 0.6, 0.8, 1.2. Torch length is 13 feet.

FEATURES

302 Jaguar

- Pre-set welding parameters for easy set up
- Pulse feature vital for automotive alum welding
- Steo-less infinite regulation on one single dial
- LCD display
- Download new programs to stay current
- Mig brazing for galvanized steel
- 220 volt single phase
- Amperage output 20-200 amps
- Built in gas cylinder holder
- Mounted on heavy duty casters
- Weight 99 lbs.
- Dimensions: 19" w x 34" L x 33" H

2003 Push Pull Torch

- Designed specifically for aluminum welding
- Eliminates the bulk of a spool gun or wire feed hung ups with standard torches
- Wire feed hang-ups virtually nonexistent
- Change current from handgrip
- Use with all solid core wire 0.6, 0.8 1.2
- Torch length 13 ft.

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5/10/2015

382-279 - 279 Inverter Power Plasma Cutter (110/220V)


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279 Inverter Power Plasma Cutter (110/220V)
Rotunda Part Number: 382-279
Supplier Part Number: 279
 ITEM SUPPLIED BY CEBOTECH

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Details

Shipping Options:
 • Truck Shipment
 • Ground
 • Second Day Air

Item may not be exactly as pictured.

Description:

CEBORA's Dual Voltage (110V/220V) Inverter Power Plasma cutter.
 The 279 has infinite output adjustment from 5 to 30 amps with high frequency arc start. Cuts any metal: boron steel, steel, stainless, copper, brass, aluminum, coated metals, rusted metals to t 3/8th cleanly. Will sever 1/2" Self starts for cutting screens. Cuts out spot welds. Allows for cutting of overlapping panels without damaging the bottom panel. Safely used near electronic equipment such as computers.

FEATURES

- Dual voltage 110/220 volt
- Infinitely adjustable output 5 to 30 amps
- Patented plasma torch design for low air consumption
- Built in air regulator
- Cuts any metal: high strength steels, aluminum, steel, copper, brass, rust-painted-coated metals
- 13 ft. torch
- Weight 28 lbs.
- 7" W x 20" L x 16" H

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5/10/2015

382-301 - Inverter Double Pulse Mig Welder


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Inverter Double Pulse Mig Welder
Rotunda Part Number: 382-301
Supplier Part Number: 301
 ITEM SUPPLIED BY CEBOTECH

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Details

Shipping Options:
 • Truck Shipment
 • Ground
 • Second Day Air

Item may not be exactly as pictured.

Description:

CEBORA's Inverter synergic double pulse mig welder.
 For aluminum has built in welding programs for easy set-up. Choose the material to weld from the menu, input the program number in the digital control panel and the machine will set all the welding parameters. The menu also indicates the wire and gas to use with that program. Download updates to keep this welder current to the newest programs. The 301 has a fully adjustable digital panel for such adjustments as continuous spot, stitch, hot start, burn back, pre-flow and post flow. The display screen is an easy to read LCD. Synergic programs and pulse programs are standard using .6, .5, .9 1.0, 1.2 steel and aluminum. Uses .8, .9 stainless and silicon bronze as well as the special 1.2 aluminum 5444. Comes with the Push Pull gun Art: 2003 which is especially suited for aluminum welding. This replaces bulky spool guns and eliminates aluminum wire feed problems that is inherent with a standard mig gun. The Push Pull has a built in wire feed motor in the handgrip. The operator can control current up or down from the handle. This gun will feed all solid core wire with diameter 0.6, 0.8, 1.2. Torch length is 13 feet.

FEATURES

Cebora 301 Inverter Synergic Double Pulse Mig

- Pre-set welding programs
- Download program updates
- 220 volt single phase @ 40 amps 50/60 Hz
- Output power 15-200 amps
- 35% duty cycle at 200 amps
- 60% duty cycle at 60 amps
- Portable weighs 47 lbs.
- Compact approximate dimensions 10"W x 23"L x 19" H

Wire diameters:

- STEEL= .6, .8, 1.0
- ALUMINUM= .6, .8 1.0, 1.2
- STAINLESS STEEL= .6, .8 1.0
- SILICON BRONZE= .8, 1.0
- Maximum spool size 33 lbs.

2003 Push Pull Torch

- Designed specifically for aluminum welding
- Eliminates the bulk of a spool gun or wire feed hung ups with standard torches
- Wire feed hang-ups virtually nonexistent
- Change current from handgrip
- Torch length 13 ft.

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5/10/2015

382-322 - Inverter Synergic Pulse Aluminum Mig


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Inverter Synergic Pulse Aluminum Mig
Rotunda Part Number: 382-322
Supplier Part Number: 322
 ITEM SUPPLIED BY CEBOTECH

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Details

Shipping Options:
 • Truck Shipment
 • Ground
 • Second Day Air

Item may not be exactly as pictured.

Description:

CEBORA's Inverter Synergic Pulse aluminum Mig for has multiple pre-set welding programs for east set up including a program for the specialty 1.2 aluminum 5444. Choose the material to weld from the menu, input the program number. The 322 will set all the welding parameters. The pulse feature is vital for automotive aluminum repair. Weld very thin aluminum without burn-through Also will mig braze for galvanized steel. The menu also indicates the wire and gas to use with each program.

Synergic and pulsed programs are standard using aluminum and steel 0.6, 0.8 .0.9 1.0 and 0.8, 0.9 for stainless and Silicon bronze as well as the special 1.2 aluminum 5444. Download updates to keep this welder current to the newest programs. The step-less infinite adjustment is on a simple single dial and easy to read LCD display.

Comes with Art: 2003 Push Pull gun which is especially suited for aluminum welding. This replaces bulky spool guns and eliminates aluminum wire feed problems that is inherent with a standard mig gun. The Push Pull has a built in wire feed motor in the handgrip. The operator can control current up or down from the handle. This gun will feed all solid core wire with diameter 0.6, 0.8, 1.2. Torch length is 13 feet.

FEATURES

Welder 322 Aluminum Pulse Mig

- Pre-set welding parameters for easy set up
- Pulse feature vital for automotive alu welding
- Step-less infinite regulation on one single dial
- LCD display
- Download new programs to stay current
- Mig brazing for galvanized steel
- 220 volt single phase
- Amperage output 20-200 amps
- Built in gas cylinder holder
- Mounted on heavy duty casters
- Weight 99 lbs.
- Dimensions: 19" w x 34" L x 33" H

2003 Push Pull Torch

- Designed specifically for aluminum welding
- Eliminates the bulk of a spool gun or wire feed hung ups with standard torches
- Wire feed hang-ups virtually nonexistent
- Change current from handgrip
- Use with all solid core wire 0.6, 0.8 1.2
- Torch length 13 ft.

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5/10/2015

382-2156 - Aluminum Power Spot Stud Welder 5700 (110/220V)


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Aluminum Power Spot Stud Welder 5700 (110/220V)
Rotunda Part Number: 382-2156
Supplier Part Number: 2156
 ITEM SUPPLIED BY CEBOTECH

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Details

Shipping Options:
 • Truck Shipment
 • Ground
 • Second Day Air

Item may not be exactly as pictured.

Description:

CEBORA's dual voltage (110V/220V) capacitor discharge stud welder for dent pulling on aluminum panels. Welds with 4mm up to 6 mm studs. Capable of welding threaded studs to aluminum as well as mild steel, galvanized steel, stainless steel and brass. The 13 ft. welding gun is fully adjustable.

FEATURES

- Ideal for dent pulling aluminum panels
- Weld 4 mm up to 6mm studs
- Capable of welding threaded studs to aluminum, mild steel, galvanized steel, stainless steel, and brass
- Uses both 110 volt and 220 volt
- Power range 50-1500 Kj.
- 3 ft. Gun
- Weight /33 lbs.
- Dimensions: 7" x 15" x 16"

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INVERTER PLASMA CUTTER

The Car Bench Plasma Cutter was created to meet the need of working in the body shop with an easy to handle, easy to use power source with minimal system requirements yet able to ensure excellent quality cutting on all metals, including the new high-strength steel. It weighs just 13Kg. including the torch and requires single-phase power supply; it works with compressed air or nitrogen (for high-quality cutting), provided at a pressure of 3.7 bar, with an airflow of just 60 l/min. (and may thus be powered by a 25 l compressor). Including hand torch.

available from
www.carbench.it



Technical Specifications

Single phase input	115/230V-50/60 Hz + 15% / -20%
Fuse rating (slow blow)	20 A
Input power	3,5 KVA 35% 2,8 KVA 60% 2,4 KVA 100%
Dimensions mm	260x580x471H
Current adjustment range	5A ÷ 30A
Duty Cycle (10 min.40°C)According to IEC 60974	30A 35% 25A 60% 22A 100%
Stepless Regulation	Electronic
Thickness on steel recommended- Max. -(Severance)	8-12 (15) mm 1/3"-1/2" (5/8")
Torch length	4m (13 ft.)
Air consumption	60 lt/min - 3,5 bar
Protection class	IP 23 S
Weight	13 Kg
Dimensions mm	175x503x400H

**SYNERGIC INVERTER MIG MAG
DOUBLE PULSE**

Car Bench Synergic Inverter MIG/MAG DOUBLE PULSE single-phase welding power source, with 2-roller wire feed unit in aluminium, with manual synergic control panel with stored curves, electronic control of choke value, spot welding time and pause time. Comes with work return lead (3m – 25mm²) and clamp. Including welding torch.

available from
www.carbench.it



Technical Specifications

Single phase input	230V 50/60 Hz +15% / -20%
Fuse rating (slow blow)	20 A
Input power	5,7 KVA 60% 4,1 KVA 100%
Max. current that can be obtained in welding	15A ÷ 200A Min. -
Duty Cycle, (10 min.40 °C) according to IEC 60974.200A 60%	160A 100%
Electronic Stepless regulation	
Wire sizes that can be used	0,6/0,8/1,0 Fe 0,6/0,8/1,0/1,2 Al 0,6/0,8/1,0 Inox 0,8/1,0 Cu-Si 3% 0,8/1,0 Cu-Al8 (AlBz8)
Max. wire spool size	Ø 200 mm/5 Kg Ø 300 mm/15 Kg
Protection class	IP 23 S
Weight	21,5 Kg
Dimensions mm	260x580x471H

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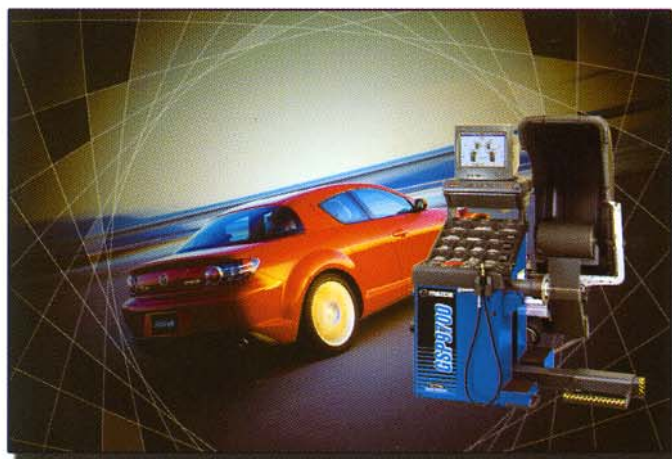
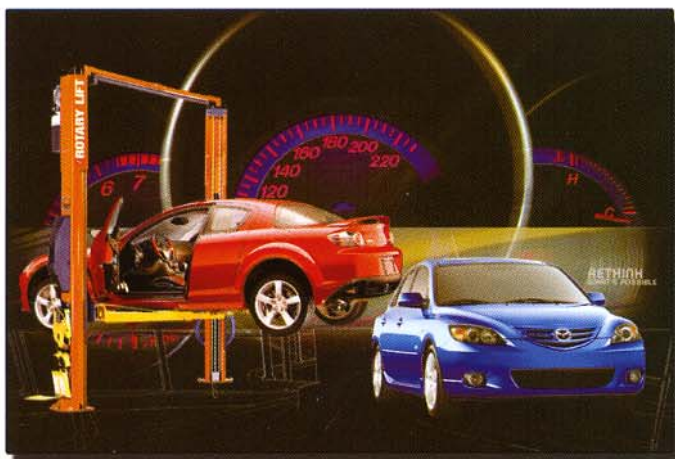
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WELDERS/PLASMA CUTTER

SUPPLIED BY: CEBOTECH

Inverter Pulsed MIG Welder

Model No. CBI285

The Inverter Pulsed MIG welder is a 220 volt, single-phase welder with an output power ranging from 15 – 200 amps. Designed and developed for today's collision repair shop, the Pulsed MIG CBI285 is supplied with built-in Synergic and Pulsed programs for welding high strength steel, MIG Brazing of galvanized steel and aluminum when using the included Push-Pull gun CBI2003. The built in programs can be updated easily via the Internet so the welder is always up to date.

Specifications:

- 220 volt single-phase @ 40 amps
- 50/60 Hz
- 11" x 18" x 19"
- Weight 52 lbs.

Accessories:

CBI1242 MIG gun for welding steel and MIG brazing.



Synergic MIG Welder

Model No. CBI572

The Synergic MIG welder is a 220 volt, single-phase welder with an output power ranging from 25 – 200 amps. Designed and developed for today's collision repair shop, the Synergic MIG 572 is supplied with a MIG gun NM15 and built-in Synergic programs for welding high strength steel, MIG Brazing of galvanized steel and aluminum, when using the optional Push-Pull gun CBI2003. The built in programs can be updated easily via the Internet by using the optional Interface Kit CBI136 so the welder is always up to date.

Specifications:

- 220 volt, single-phase @ 40 amps
- 50/60 Hz
- 21" x 33" x 26"
- Weight 117 lbs.

Option:

CBI2003 Push-pull gun for welding aluminum.
CBI136 Interface kit



Power Spot 5500

Model No. CBI2153

The Power Spot 5500 is a 110 volt / 220 volt Capacitor Discharge stud welder capable of welding aluminum, steel and stainless threaded studs up to 6 mm in diameter. This welder is ideal for welding replacement aluminum studs onto aluminum panels. By delivering several thousand amps in 2 – 3 ms, the weld can penetrate the surface oxide of aluminum without damaging the panel. By using the optional Aluminum Stud Pulling tool CBI1288, the aluminum studs can be used for pulling dents on aluminum panels.

Specifications:

- 110 / 220 volt @ 20 amps
- 50/60 Hz
- 7" x 15" x 16"
- Weight 33 lbs.

Option:

CBI1288 Aluminum stud pulling tool



Inverter Power Plasma 3100

Model No. CBI296

The Power Plasma 3100 is a 110 volt / 220 volt Inverter Plasma Cutter capable of cutting any metal using clean and dry shop air or nitrogen for high quality cuts. This plasma cutter is particularly suited for cutting Boron steel. It will cut carbon steel up to 3/8" and will sever steel up to 1/2". With an operating range from 25 amps down to 5 amps and a new torch design, the Power Plasma 3100 is capable of cutting overlapping panels without damaging the bottom panel. Simple controls make this plasma cutter easy and simple to use.

Specifications:

- 110 / 220 volt @ 30 amps
- 50/60 Hz
- Shop air
- 6" x 14" x 15"
- Weight 29 lbs.





Mercedes-Benz

Prüfbericht Werkstatteinrichtung für Mercedes-Benz Service-Betriebe

Datum: Juli 2016 Gruppe/Nr.: PB_Sound MIG 2740/T STAR PULSE 307

Bearbeiter: Seitz Abteilung: GSP/ORW

Seite 1 von 99

Typ/ Bezeichnung Werkstatteinrichtung (WE):

Schweißgerät

EPC-Service rubrik W000 588 02 84 00, WIS-Produktkategorie WS60.00-P-0022K

In Bezug auf Lastenheft:

Sound MIG 2740/T STAR PULSE 307

Hersteller/ Lieferant:

Cebora S.p.A. Welding & Cutting

Erprobungsort:

KTD GmbH Calw

Typschild/Seriennummer:

> Sound MIG 2740/T STAR PULSE 307 bzw. baugleiches Modell



Sound MIG 2740/T STAR PULSE

Serien Nr.: 307

Erprobungsergebnis und Zusammenfassung der Anforderungen aus Lastenheft:

- 1) **Beide** Geräte sind in ihren Eigenschaften und ihrer Bauweise **identisch**. Die Bestätigung diesbezüglich seitens Hersteller CEBORA liegt vor.
- 2) Die Anforderungen aus Kapitel 1-6 und 10 sind an beide Hersteller/ Geräte gestellt. Die Schweißaufgaben wurden geteilt zur Hälfte mit beiden Geräten angefertigt.
- 3) Für beide Geräte gilt das Lastenheft **Sound MIG 2740T StarPulse_307** unterzeichnet von Hersteller CEBORA S.p.A.
- 4) LH 10.13: → **entfällt** nachträglich als Bewertungskriterium (siehe dazu Erläuterung S. 36)
- 5) LH 11.21+11.22: → **entfällt** nachträglich als Bewertungskriterium (siehe dazu Anhang 2)

Die geprüfte Werkstatteinrichtung (WE) erfüllt in allen Anforderungspunkten das oben genannte Mercedes-Benz WE Lastenheft.

Ja ☒ Nein ☐

Ich bestätige die Richtigkeit und Vollständigkeit der durchgeführten Prüfungen.

Name: Seitz

Abteilung: GSP/ORW

Datum: 18.07.2016

Unterschrift:

Die Daimler AG behält sich Änderungen im Ablauf der Prüfung vor.

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K - Body, frame, shell

60-65 - Bodysheil, body,
straightening systems17.1 - MIG-MAG inert gas
welder (steel, brazing,
aluminum)

MIG/MAG pulse welder

Cebotech GmbH

Description

Model	Article no.:	Price/unit	✓	✗
Sound MIG Pulse 2035/M	285			

Use

Compact system for body repair workshop use, for welding thin to medium-thick increased-strength, high-strength, uncoated and coated body panels and profiles. MAG welding on 0.8 - 5.0 mm plate, MIG brazing on 0.8 - 3.0 mm plate, MIG welding on 1.0 - 5.0 mm aluminum plate. Also specifically suitable for MIG brazing and aluminum welding by the pulse method on new vehicle models, e.g. A-Class, E+S+C-Class. Storage of welding parameters, display

Note

For MIG soldering wire, see notes on soldering materials

Suitable for:

Vehicle type	Brand	Workshop area
Buses	EvoBus	Bodywork
Cross-country vehicles (G- / M-Class)	Maybach	
Trucks	Mercedes-Benz	
Passenger cars	smart	

Equipment/product description

Easy handling with only 4 inputs: material, wire diameter, gas, material thickness.
Digital process control: Non-splash ignition and arc length regulation ensure flawless welding results.
Optimally adapted pulse forms: Ideal adaptation of the pulse curve to suit the material results in an optimum seam.
TwinPuls method specifically for welding aluminum.
Tiptronic job memory: Manufacturer's specifications can be saved to 100 slots and called up at the touch of a button on the torch.

Scope of supply

Mobile power source
MIG/MAG torch ML 2400 Powermaster, 4 m
Remote control integrated in torch and display for wire correction
Workpiece cable, 4 m
Pressure reducer with quantity and capacity gauge
Gas hose
Mains cable with CEE plug
Operating instructions.
Trolley

Quality assurance/utility value retention

Test equip.	Accident prevention regulations	Calibration	Certificates/approval	Environmental protection
no	yes	no	CE	No

Additional objects

Accessories

Aluminum kit with teflon core 1-1.2 mm and guide tube	✓
Kit for coils D 300	✓
Pressure reducer for argon/CO2	✓
Push/pull torch for welding of thin aluminum, specifically AlSi12	✓
Torch CEBORA 280 A, 3.5m	✓
Trolley for Kit 129	✓



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Power Plasma 3100 cutter

[Cebotech GmbH](#)

Description

Model	Article no.:	Price/unit	✓	🛒
Power Plasma 3100	296			

Use

For cutting high-strength sheet metal

Suitable for:

Vehicle type	Brand	Workshop area
Buses	EvoBus	Bodywork
Cross-country vehicles (G- / M- Class)	Maybach	
Trucks	Mercedes-Benz	
Passenger cars	smart	

Scope of supply

Mains cable and plug
Ground cable with ground clip
Plasma hand torch Cebora CP 40 with hose package 4m

Quality assurance/utility value retention

Test equip.	Accident prevention regulations	Calibration	Certificates/approval	Environmental protection
no	no	no	CE	No

Additional objects

Accessories

Hand torch Cebora CP with direct connection	🛒
Trolley	🛒

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Bumping-out system

[Cebotech GmbH](#)

Description

Model	Article no.:	Price/unit	✓	🛒
Power Spot 5500	2153			

Use

For body components made of aluminum alloys

Suitable for:

Vehicle type	Brand	Workshop area
Buses	EvoBus	Bodywork
Cross-country vehicles (G- / M- Class)	Maybach	
Trucks	Mercedes-Benz	
Passenger cars	smart	

Scope of supply

Power cord with mains cable and plug
Double ground cable with clips
Welding handset with tongs, dia. 4, 5, 6 mm; key
Weld studs M4x15 AISi12
Special towing lugs
Cleaning pad

Quality assurance/utility value retention

Test equip.	Accident prevention regulations	Calibration	Certificates/approval	Environmental protection
no	no	no		No

Additional objects

Accessories

Power Puller Aluminium	🛒
Power-Lift	🛒
Special towing lugs	🛒
Trolley	🛒
Weld studs AlMg3 (100 ea.)	🛒
Weld studs AISi12 (100 ea.)	🛒

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 - MIG-MAG Schutzgasschweißgerät (Stahl, Lötten, Alu)

Pulse-Arc Schweißanlage

Lieferant: Cebotech GmbH
Stammhaus:

Typ / Modell	Artikel-Nr.	Preis/Einheit	
Cebora Jaguar Double Pulse 2035/MD	282		 

Verwendung

Kompaktanlage für den Karosserie-Werkstattbetrieb, zum Schweißen von dünnen bis mitteldicken, höherfesten, hochfesten, unbeschichteten und beschichteten Karosserie-Bleche und Profile. MAG Schweißen 0,8 - 5,0 mm Bleche MIG Lötten 0,6 - 3,0 mm Bleche MIG-Schweißen ALU 1,0 - 5,0 mm Bleche Auch speziell geeignet für das Mig Lötten und ALU-Schweißen im Puls-Verfahren bei neuen Fzg. Typen z. B. A-Klasse, E+S+C-Klasse

Hinweis

Für MIG-Lötendraht siehe Hinweise Lotwerkstoffe

Geeignet für

Fahrzeugart	PKW, GW (G- / M-Klasse), Transporter
Marke	Mercedes-Benz, Maybach
Werkstattbereich	Karosserie

Ausstattung / Produktbeschreibung

Schweißprogramme für:
Stahl, Edelstahl und Aluminium (AlMg, AlSi)
MIG-Lötten (CuSi3, CuAl8)
Abspeichern von Schweißparametern, Display Anzeige. Spezielle Puls und Doppelpulsprogramme mit Softstart und 3-Level-Automatik für optimale Ergebnisse beim Schweißen von Aluminium mit dem Nahtaussehen einer WIG-Naht. Software-Updates jederzeit möglich.
Tachogenerator geregelter Drahtvorschub in Top-Qualität für lange Standzeiten. Schweißdraht-Wechsel einfach und bequem - Aufnahme für kleine Dornspulen oder auch Korbspulen bis 17 kg mit jeweiligem Adapter. Durch einfaches Umschalten zwischen den beiden Brennerpaketen kann zeitsparend mit zwei verschiedenen Werkstoffen geschweißt werden. Dabei bleiben die zuvor jeweils eingestellten Schweißparameter gespeichert, so dass auch beim wiederholten Wechseln zwischen den Brennern die Parameter stets wieder verfügbar sind. Dabei werden jeweils auch die richtigen Magnetventile für das richtige Gas geschaltet. Der Fahrwagen ist dementsprechend für die Aufnahme von zwei Gasflaschen ausgelegt.

Lieferumfang

Stromquelle mit Steuerung auf Fahrgestell mit großen Rollen hinten und Gasflaschenhalterung für zwei Flaschen
1 Schlauchpaket Type Cebora 280 3,5 m.
DV-Rollen Ø 0,8/1,0 mm. (1 davon ausgerüstet zum Mig-Lötten)
Massekabel mit Klemme, 2 Druckminderer, Doppelabzweig für 2 Gasanschlüsse,
2 x Zentralanschlüsse Type Euro,
2 x Drahtvorschub kpl. mit wechselbaren DV-Rollen Ø 0,6-0,8 mm und Ø 0,8-1,0 mm für Aluminium. 1 x KS-Adapter für K300 Spulen und 1 Zentrieradapter für D200 Spulen

Qualität-/ Gebrauchswertsicherung

Prüfmittel	UVV	Eichung	Zertif./Zulassung	Umweltschutz
Nein	Ja	Nein	CE	

Zusätzliche Objekte

Zubehör

- Options-Paket zum Schweißen von dünnem Aluminium, speziell AISI5 1,2mm 2003 /

Produktansicht



 Vergrößern

Blättern

-  Zurück zum vorherigen Werkstattobjekt
-  Vor zum nächsten Werkstattobjekt
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- Technische Daten

Dokumente zum Thema

-  Hinweise Lotwerkstoffe (pdf 67 kB)
-  MB Service Information (pdf 822 kB)



Mercedes-Benz

standard service equipment program

Inverter Pulsed Mig Welder

The Inverter Pulsed Mig model 505-285 is a 220V single-phase welder with an output power ranging from 15 to 200Amps. Designed and developed for today's collision repair shop, the Pulsed Mig 285 is supplied with built-in Synergic and Pulsed programs for welding high strength steel, Mig Brazing of galvanized steel, and aluminum when using the optional Push-Pull gun. The built in programs can be updated easily via the Internet so the welder is always up to date.



505-285

Specifications:

- 220V single-phase @ 40A.
- 50/60 Hz.
- 11"x18"x19"
- Weighs 44 lbs.

Accessories:

505-2003

Push-pull gun for welding aluminum

505-129

Large wire reel holder



CD Stud Welder

The Power Spot 5500 is a 110V / 220V Capacitor Discharge Stud Welder capable of welding Aluminum, steel and stainless threaded studs up to 6mm. This welder is ideal for welding replacement aluminum studs onto aluminum panels.

By delivering several thousand amps in 2 to 3 ms, the weld can penetrate the surface oxide of aluminum without damaging the panel. By using the optional Stud Pulling tool 505-1288, the aluminum studs can be used for pulling dents on aluminum panels.

505-2153
Power Spot 5500

Specifications:

- 110/220V.
- 7" x 15" x 16"
- 50/60 Hz.
- Weighs 33 lbs.

Accessories:

505-1288

Stud pulling tool

Supplied by: Cebotech Inc.



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Cebora Pulsed MIG Welder for Aluminum

505-285

Cebotech, Inc.

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The Inverter Pulsed MIG model 505-285 is a 220-volt single-phase welder with an output power ranging from 15 to 200 amps. The Pulsed MIG 505-285 was designed and developed to meet the critical welding requirements of today's high-tech collision repair shops. To simplify and reduce the welder set-up time, the Pulsed MIG is supplied with built-in Synergic and Pulsed programs for welding aluminum, high-strength steel, and the MIG brazing of galvanized steel. The welding programs can be updated via the Internet by connecting the welder to your PC. In this way, the welder is always up-to-date. A Push-Pull Gun (505-2003) is available for welding aluminum. The Push-Pull Gun has a direct connection to the welder's Synergic controls so that the user can adjust wire speed and voltage with a single button in the gun handle.

Technical

Weight approx.	44	lbs
Power supply	220V single-phase @ 40A, 50/60 Hz	V/Hz/A
Dimensions (L x W x H)	11x18x19	inch

Accessories

505-129	Large wire reel holder	Call for price	Add to cart
505-2003	Push-Pull Gun for welding aluminum	Call for price	Add to cart

Other Cebotech, Inc. Products

CEBORA Inverter Power
Plasma 3100CEBORA Spot 5500
Aluminum Stud WelderCebora Pulsed MIG Welder
for AluminumInverter Pulse Mig Welder
307



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CEBORA Inverter Power Plasma 3100

505-296

Cebotech, Inc.

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The Power Plasma 3100 is an 110V/220V Inverter plasma cutter capable of cutting any metal using clean and dry shop air or Nitrogen for high quality cuts. This plasma cutter is particularly suited for cutting Boron steel. It will cut carbon steel up to 3/8", and will sever steel up to 1/2". With an operating range from 25 Amps down to 5 Amps and a new torch design, the Power Plasma 3100 is capable of cutting overlapping panels without damaging the bottom panel. Simple controls make this plasma cutter easy and simple to use.

Technical

Welding cable length	15.6	inch
Cable length	72	inch
Weight approx.	28	lbs
Power supply	110/220, 50/60, 30	V/Hz/A
Power consumption	3.2	kW
Speed	N/A	rpm
Dimensions (L x W x H)	14 x 6 x 15	inch

Other Cebotech, Inc. Products



CEBORA Inverter Power Plasma 3100



Inverter Pulse Mig Welder 307



TECNA 3664 Smart-Plus Spot Welder



CEBORA Spot 5500 Aluminum Stud Welder



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Inverter Pulse Mig Welder 307

505-307-55

Cebotech, Inc.

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Cebora Inverter Synergic Double Pulsed Mig Welder for aluminum. Has built-in welding programs and upgradable welding software. Supplied with Push-Pull welding gun part #505-2003-39 for welding aluminum.

Features

- Equipped with Power Factor Correction (PFC). IEC/EN61000-3-12 compliant.
- Fully adjustable digital control.
- Continuous, Spot, Stich, Hot start, Burn back, Gas pre-flow and post flow.
- Single and double pulse programs to facilitate aluminum welding.
- State of the art Push-Pull welding gun minimizes bird nesting of aluminum wire.
- Easy set up by simply selecting a welding program.
- Upgradable welding software.
- Up-Down Amp/Wire speed control on the welding gun.
- Adjustable Amp/Wire speed on the fly.

Technical

Power supply	230 3Ph / 50-60 / 30	V/Hz/A
Power consumption	10.4 max	kW
Dimensions (L x W x H)	39 x 20.5 x 39	inch

Other Cebotech, Inc. Products



CEBORA Spot 5500
Aluminum Stud Welder



TECNA 3664 Smart-Plus
Spot Welder



Inverter Pulse Mig Welder
307



Cebora Pulsed MIG Welder
for Aluminum



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CEBORA Spot 5500 Aluminum Stud Welder

505-2153

Cebotech, Inc.

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The CEBORA spot 5500 is a capacitor discharge welder for welding aluminum studs and dent pulling on aluminum panels. The dual voltage capability (110V/220V) makes it easy and practical to use anywhere in the shop. Dent pulling of aluminum panels is possible when using the welder with the optional pulling tool #505-1288. The Spot 5500 adds to your profit margin by helping you save the aluminum panels.

Technical

Welding cable length	72	inch
Weight approx.	33	lbs
Power supply	110/220 / 60	V/Hz/A
Speed	N/A	rpm
Dimensions (L x W x H)	14.8 x 7 x 16	inch

Accessories

505-1288

CEBORA Aluminum Dent Pulling Tool – use together with the Spot 5500 stud welder for the removal of dents in aluminum panels.

[Call for price](#)[Add to cart](#)

Other Cebotech, Inc. Products



TECNA 3664 Smart-Plus
Spot Welder



Inverter Pulse Mig Welder
307



CEBORA Spot 5500
Aluminum Stud Welder



CEBORA Inverter Power
Plasma 3100



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Spot Welders
Welder Accessories

Cebora Power Plasma 2025
505-270



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Other Cebotech, Inc. products:

- CEBORA EVO822 Synerpic Mig Welder.
- Cebora Power Plasma 2025
- CEBORA Double Pulse Mig Welder
- Plastic-Spot
- Power Plasma 3035.

Cebora 220V single phase, Inverter plasma cutter. Infinite output adjustment from 5 to 20 amps. Ideal for cutting Aluminum and Ultra High Strength Steels.

Features

- Equipped with Power Factor Correction technology (PFC).Complies with IEC/EN 61000-3-12.
- Infinitely adjustable output from 5 to 20 amps.
- Patented plasma torch design for low air consumption and maximum arc stability at low amps.
- Easy arc start without high frequency.
- 5/16" maximum cutting capacity on steel.
- Light weight and portable.
- Easy to operate.

Technical

Welding cable length (inch)	156
Weight approx. (lbs)	21
Power supply (V/Hz/A)	230V 1PH/50-60/30A
Dimensions (L x W x H) (inch)	15.6 x 7 x 13.6

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Spot Welders
Welder Accessories

Power Plasma 3035.
505-279



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Other Cebotech, Inc. products:

- Power Plasma 3035.
- Cebora Power Plasma 2025
- Cebora Power Spot 5600
- TECNA 3650 EVO
- CEBORA Synerpic Double Pulse MIG 2060/MD

Dual voltage (110V/220V) Inverter plasma cutter. Infinite output adjustment from 5 to 30 amps with high-frequency arc start. 3/8" maximum cutting capacity on steel. Ideal for cutting Aluminum and Ultra-High-Strength Steels.

Features

- Equipped with Power Factor Correction technology (PFC).Complies with IEC/EN 61000-3-12.
- Dual Voltage (110V/220V) auto switch.
- Infinitely adjustable output from 5 to 30 amps.
- Patented plasma torch design for low air consumption.
- Light weight and portable.
- Plug in anywhere.
- Easy to operate.

Technical

Weight approx. (lbs)	29
Speed (rpm)	n/a
Power supply (V/Hz/A)	110/220 1PH/50-60/30A
Power consumption (kW)	3.5
Dimensions (L x W x H) (inch)	20 x 7 x 16
Welding cable length (inch)	156

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Welding
 Spot Welders
 Welder Accessories

CEBORA Synergic Double Pulse MIG 2060/MD
 505-301

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Other Cebotech, Inc. products:
 ■ TECNIA 3664 Smart-Plus Spot Welder
 ■ TECNIA 3650 EVO
 ■ Plastic-Spot
 ■ CEBORA Synergic Double Pulse MIG 2060/MD
 ■ CEBORA EVO622 Synergic Mig Welder.

Inverter Synergic double-pulse MIG welder for aluminum. Has built-in welding programs and up-gradable welding software. Supplied with Push-Pull welding gun for aluminum.

Features

- Equipped with power factor correction technology (PFC). Complies with IEC/EN 61000-3-12.
- Fully adjustable digital control (continuous, spot, stitch, hot-start, burn back, pre-flow, post-flow).
- Single- and double-pulse programs to facilitate aluminum welding.
- State-of-the-art Push-Pull welding gun minimizes bird-nesting of aluminum wire.
- Easy set-up by selecting welding programs.
- Up-gradable welding software.
- Up-down Amp/wire speed control on the welding gun.
- Adjustable amp/wire speed on the fly. No need to stop welding to adjust the welder.
- Easy to set-up and use.

Technical

Welding cable length (inch)	144
Weight approx. (lbs)	48
Power supply (V/Hz/A)	230 1ph/50-60/35
Power consumption (kW)	5.5
Dimensions (L x W x H) (inch)	23.2 x 10.4 x 18.8

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Welding
 Spot Welders
 Welder Accessories

CEBORA Double Pulse Mig Welder
 505-302

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Other Cebotech, Inc. products:
 ■ Power Plasma 2025
 ■ Cebora Power Plasma 2025
 ■ Cebora Power Spot 5600
 ■ TECNIA 3664 Smart-Plus Spot Welder
 ■ CEBORA Double Pulse Mig Welder.

CEBORA Inverter Synergic mig welder for aluminum with double pulse technology and dual welding gun capability. Supplied with Push-Pull gun for aluminum.

Features

- Equipped with power factor correction technology (PFC). Complies with IEC/EN 61000-3-12.
- Fully adjustable digital control (continuous, spot, stitch, hot-start, burn back, Pre-flow, Post-flow).
- Easy set-up by selecting welding programs from menu.
- Up-gradable welding software.
- State of the art Push-Pull welding gun minimizes bird nesting of aluminum wire.
- Single and double pulse programs to facilitate aluminum welding.
- Dual welding gun capability allows easy change from aluminum to steel welding without disconnecting the welding gun.
- Up-down Amp/wire speed control on the welding gun.
- Adjustable amp/wire speed on the fly. No need to stop welding to adjust the welder.
- Easy to set-up and use.
- Single phase input power.
- Built-in welding programs for welding aluminum, Mig brazing, steel and stainless.

Technical

Welding cable length (inch)	144
Weight approx. (lbs)	169
Power consumption (kW)	5.5
Power supply (V/Hz/A)	230V 1PH/50-60/35A
Dimensions (L x W x H) (inch)	38 x 24 x 40

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Welding
 Spot Welders
 Welder Accessories

CEBORA EVO622 Synergic Mig Welder.
 505-622

Add to Order
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Other Cebotech, Inc. products:
 ■ CEBORA Double Pulse Mig Welder
 ■ TECNIA 3650 EVO
 ■ CEBORA Synergic Double Pulse MIG 2060/MD
 ■ TECNIA 3664 Smart-Plus Spot Welder
 ■ Cebora Power Plasma 2025

CEBORA 230Amps, 230V Single phase Synergic Mig welder. Supplied with ground cable and 10' mig welding gun NM15 with quick-connect attachment. Equipped with digital Synergic control.

Features

- Equipped with Power Factor correction technology (PFC). Complies with IEC/EN 61000-3-12.
- Built-in welding programs for welding aluminum, Mig brazing, steel and stainless.
- Push-Pull gun compatible for welding aluminum.
- One Synergic control knob coordinates wire speed and amps and adjusts both simultaneously.
- Continuous, Spot, and Stich welding mode.
- Rear mounted tray for gas cylinder.
- Heavy duty castors for smooth and easy mobility around the shop.
- Single phase input power.

Technical

Welding cable length (inch)	120
Weight approx. (lbs)	130
Power supply (V/Hz/A)	230V 1PH/50-60/30A
Dimensions (L x W x H) (inch)	33 x 21 x 26.5

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Welding
 Spot Welders
 Welder Accessories

Cebora Power Spot 5600
 505-2154

Add to Order
 Request a Call
 Email Link

Other Cebotech, Inc. products:
 ■ TECNIA 3664 Smart-Plus Spot Welder
 ■ CEBORA Double Pulse Mig Welder
 ■ Cebora Power Plasma 2025
 ■ CEBORA Synergic Double Pulse MIG 2060/MD
 ■ TECNIA 3650 EVO

CEBORA dual voltage (110V/220V) capacitor discharge stud welder for aluminum. Supplied with stud gun, dual ground cable, accessory kit, and manual mini puller tool for removing dents on aluminum panels.

Features

- Equipped with Power Factor Correction technology (PFC). Complies with IEC/EN 61000-3-12.
- Capacitor discharge technology.
- Fully adjustable stud welding gun.
- Welds studs on Aluminum, Steel, Stainless, and Brass.
- Easy to set up and operate.
- Easy to use aluminum dent puller.

Technical

Welding cable length (inch)	162
Weight approx. (lbs)	33
Power supply (V/Hz/A)	110/220V 1PH/50-60/20A
Dimensions (L x W x H) (inch)	14.8 x 7 x 16

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CELETTE

POWER PLASMA 3100

**Générateur pour
le découpage au plasma**

CB.8029600

- Générateur à technologie INVERTER pour découpe au plasma.
- Livré avec une torche manuelle CP40 lg 4,00 m et câble de masse lg 6,00 m – 8,3 mm².



Caractéristiques techniques

- | | |
|--|--------------------|
| • Alimentation monophasée | 115/230V 50/60Hz |
| • Puissance d'installation | 3,2 KW |
| • Puissance absorbée | 4,2 KVA 35% |
| • Courant Min-Max obtenu en soudage | 5 – 25A |
| • Facteur de marche (10 min – 40°C)
IEC 60974.1 | 25A 35% |
| • Réglage continu | électronique |
| • Epaisseur maxi sur acier | 6 – 10 mm (12) |
| • Consommation d'air | 60L/mn – 3,5 bars |
| • Classe de protection | IP 23 C |
| • Poids | 13 Kg |
| • Dimension | 150 x 357 x 382 mm |

Options

CB.8143200

Chariot de transport

CB.8151600

Jeu de 5 électrodes

CB.8129000

Jeu de 5 buses Ø 0,7 mm



AGREMENT PEUGEOT CELA10

INFORMATION TECHNIQUE PIÈCES ET SERVICES

NOTA DE EQUIPOS

VEHÍCULOS TODO TIPO EQUIPO SPOTTER PARA ALUMINIO

PEUGEOT ESPAÑA

DISTRIBUYE EL SIGUIENTE EQUIPO DE SOLDADURA

El generador POWER SPOT 5500 Aluminium permite la soldadura de espárragos y accesorios diversos en todo tipo de chapas incluidas las de aluminio.

El POWER SPOT 5500 Aluminium está en condiciones de soldar espárragos de acero al carbono y aluminio hasta 6 mm de diámetro.

El generador se entrega con pistola y cable de masa de 2 bornes. La dotación comprende además una serie de remaches fileteados específicos para la aplicación sobre el aluminio de hasta 6 mm de diámetro.

Permite soldar en superficies no oxidadas de acero dulce, acero galvanizado, acero inoxidable, aluminio y latón. La rapidez del proceso no altera las superficies del lado opuesto al de la soldadura, es decir, con chapas barnizadas, prebarnizadas, plastificadas y galvanizadas.

La soldadura no es posible en acero templado, metal oxidado o superficies barnizadas.

CARACTERÍSTICAS DEL TRABAJO SPOTTER

Equipo de gran versatilidad que permite la realización de todo tipo de soldaduras sobre diferentes materiales, especialmente la chapa de aluminio de reducido espesor.

POWER SPOT 5500



CARACTERÍSTICAS TÉCNICAS

Alimentación monofásica:
115V:50/60 Hz. 230V: 50/60 Hz
Potencia máxima instalada: 1,6 Kw.
Fusible de acción retardada: 115V:16 A 230V: 10A
Nº de soldaduras por hora: 1200/h

Clase de protección: 23C
Peso: 15 Kg
Dimensiones: 176x270x401
Para trabajar en ambientes con gran riesgo de descargas eléctricas



PORSCHE



Porsche Academy

Porsche Approved Collision Center Program

Tools & Equipment 2012

Tools & Equipment 2012

The following tools are available from local sources:

Pneumatic Drill, To be dedicated to repairs on the Panamera.

Pneumatic Angle Grinder, To be dedicated to repairs on the Panamera.

From Cebotech USA (www.cebotechusa.com):

Cebora 2153 CD- Aluminum Dent Remover (Optional), Used for dent removal on aluminum exterior panels.





Stud welding gun and aluminium dent removal Kit

CELETTE

**FUNCTION**

The Spot 5500 enables you to save many aluminium parts thanks to an innovative stud welding technique using an automatic gun..

DESCRIPTION

Single-phase discharge generator for welding rivets onto all panel types (steel, stainless steel, aluminium).

Supplied with gun, earthing cable and case for accessories, drill socket for rivets.

AFTER-SALES SERVICE

Warranty period: 1 year including parts and labour

TECHNICAL ASSESSMENT

This new technology saves time and reduces repair costs.

CHARACTERISTICS

Single-phase supply (230V 50/60hz)

Time-delay fuse: 10A

Intensity adjustment: 50-1500 J

Number of spot welds per hour: 1200

Dimensions 170 x 370 x 401 mm

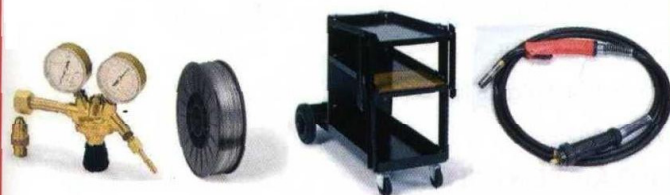
Weight: 15 Kg

REFERENCES SUPPLIER

CB.8215300R

RENAULT APPROVAL

1 029 200

NOUVEAU

FONCTION

Poster à souder SEFG – MIG/MAG Pulsé 230V

Pour soudure acier, inox, cupro ou aluminium.

Mode manuel ou synergic.

Contrôle électronique de l'intensité, du temps de soudure et du temps de pause

DESCRIPTION

La technologie INVERTER de ce poste MIG/MAG permet une utilisation sur une ligne 230 V.

Spécialement étudié pour l'industrie automobile, le SOUND MIG 2035/M PULSE est particulièrement recommandé pour la brasure, la soudure des tôles HLE/THLE, l'inox et l'aluminium.

Le poste contient initialement différents programmes permettant de paramétrer automatiquement la machine suivant la soudure à réaliser.

Le mode synergic modifie automatiquement l'intensité et le débit de fil suivant le positionnement de la torche.

Ce poste est livré avec :

- une torche lg. 4m.
- une bobine 5 Kg de fil 0.8mm acier.
- un débitmètre.
- un chariot.

Pour la soudure aluminium, l'utilisation de la torche Push-pull (réf. CB.8200300) est recommandée.

CARACTERISTIQUES

Alimentation : 230V 50/60Hz monophasée

Puissance de l'installation : 5,5 KW

Puissance absorbée : 7,4 KVA maxi

Courant de soudure (min / max) : 15 / 200A

Facteur de marche (10min – 40°C) : 200 A 35% - 160 A 60%

Réglage continu : Electronique

Fil à employer :

0.6/0.8/1 Fe

0.6/0.8/1 Al

0.6/0.8/1 Inox

0.8 CuSi3

Bobine de fil max : 200 mm / 5 Kg

Classe de protection : IP23

Poids : 20 Kg

Dimensions : 260x456x471

SERVICE APRES VENTE

Durée de la garantie : 1 an pièces et main d'oeuvre

APPRECIATION TECHNIQUE

Poste compact et léger, utilisable partout grâce au raccordement sur prise 230V.

Très haute performance par le système INVERTER.

Haute qualité de soudure par le mode SYNERGIC.

Facilité d'utilisation.

**RENAULT****RÉFÉRENCES
FOURNISSEURS**

CB.8028500R

**AGRÉMENT
RENAULT**

1 023 200

**SERVICE APRES VENTE**

Durée de la garantie : 1 an pièces et main d'oeuvre

APPRECIATION TECHNIQUE

Groupe d'entraînement de fil à 4 galets en aluminium, permettant un avancement du fil plus régulier et une usure plus faible dans le temps.

De nouvelles courbes synergic peuvent être mise à jour, le Bravo Synergic Mig 2540/T s'adapte donc aux évolutions du marché.



**RÉFÉRENCES
FOURNISSEURS**

CB.8057700R

**AGRÉMENT
RENAULT**

1 023 300

FONCTION

Poste à souder SEFG – MIG/MAG compact 400V triphasé

Torche Lg. 4m, câble de masse Lg. 3,5m muni de pince.

Poste doté de la fonction pointage (avec réglage du temps de pointage).

DESCRIPTION

Spécialement étudié pour la réparation automobile, ce poste compact est parfaitement adapté pour la brasure sur des tôles galvanisées et sur tôles hautes résistances, mais aussi la soudure de l'aluminium.

Plusieurs torches sont adaptables sur le Bravo Synergic Mig 2540/T (torche classique ou torche push-pull)

Le panneau digital intégré rend le poste facile à utiliser.

Les nombreux programmes synergic intégrés dans le Bravo Synergic Mig 2540/T permet une très haute qualité de soudure.

Ce poste possède deux impédances qui permettent d'optimiser le procédé de soudure suivant les différents matériaux.

Ce poste est livré avec :

- une torche lg. 4m.
- une bobine 5 Kg de fil 0.8mm acier.
- un débitmètre.

CARACTERISTIQUES

Alimentation : 400V 50/60Hz triphasée

Puissance de l'installation : 5,2 KW

Puissance absorbée : 6,9 KVA maxi

Courant de soudure (min / max) : 15 / 250A

Facteur de marche (10min – 40°C) : 200 A 40% - 160 A 60%

Réglage : 12 positions

Fil à employer :

0.6/0.8/1 Fe-Inox

0.6/0.8/1/1.2 Al

0.8 CuSi3

Bobine de fil max : 300 mm / 15 Kg

Classe de protection : IP21

Poids : 76 Kg

Dimensions : 542x915x795





Body Repair Tech Note: Approved MIG Welders

Body Repair Tech Notes provide information about Tesla-approved methods and practices for body repair. These instructions assume knowledge of motor vehicle and high voltage electrical component repairs, and should only be executed by trained professionals. Tesla assumes no liability for injury or property damage due to a failure to properly follow these instructions or for repairs attempted by unqualified individuals.

This Body Repair Tech Note supersedes BR-16-92-007, dated 30-Nov-16. Each content change is marked by a vertical line in the left margin. Discard the previous version and replace it with this one.

The following MIG welders are approved for aluminum welding during structural repairs on Model S and Model X:

Fronius

- TransPuls Synergic 2700
- TransPuls Synergic 2700 CMT
- TPS 270i C Pulse
- TPS 320i

ProSpot

- SP-5
- SP-5.3

GYS

- NeoPulse 300-T2

Miller

- Millermatic 350P

Cebora

- MIG 200DP (Model 301)
- Jaguar 200DP (Model 302)
- SynStar 330TC (Model 386)

Car-O-Liner

- CMI273 Duo Pulse MIG/MAG Welder

Wieländer + Schill

- InvertaPuls IP6-2 (Model WS-332007-T)

Chief

- Multi-MIG 621

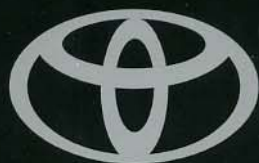
 **WARNING:** Use only approved MIG welders when performing structural repairs on Tesla vehicles. Using non-approved MIG welders might compromise the integrity of the repair and vehicle safety.

 **WARNING:** Use only ER 4145 welding wire (available from Tesla) to MIG weld Tesla vehicles. Using other types of welding wire might compromise the integrity of the repair and vehicle safety. Refer to [BR-15-92-010](#), “Approved MIG Welding Wire for Structural Repairs” for more information.

 **WARNING:** Failure to follow all welding safety precautions, including the use of personal protective equipment, could result in serious injury or property damage. Only technicians who have successfully completed Tesla's Structural Aluminum Welding Qualification training course are authorized to weld structural components on Tesla vehicles.

 **CAUTION:** All approved MIG welders require the appropriate training to ensure proper use.

For feedback on the accuracy of this document, email collision-techinfo@tesla.com.



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WELDERS/PLASMA CUTTER

SUPPLIED BY: CEBOTECH, INC.

NEW
FOR 06

CEBORA Inverter Pulsed MIG Welder Model No. CBI285

The Inverter Pulsed MIG welder is a 220 volt, single-phase welder with an output power ranging from 15 – 200 amps. Designed and developed for today's collision repair shop, the Pulsed MIG CBI285 is supplied with built-in Synergic and Pulsed programs for welding high strength steel, MIG Brazing of galvanized steel and aluminum when using the included CBI2003 Push-Pull gun. The built in programs can be updated easily via the Internet so the welder is always up to date.

Specifications:

- 220 volt single-phase @ 40 amps
- 50/60 Hz
- 11" x 18" x 19"
- Weight 52 lbs.

Option:

CBI1242 MIG gun for welding steel and MIG brazing.



CEBORA Power Spot 5500 Model No. CBI2153

The Power Spot 5500 is a 110 volt / 220 volt Capacitor Discharge stud welder capable of welding aluminum, steel and stainless threaded studs up to 6 mm in diameter. This welder is ideal for welding replacement aluminum studs onto aluminum panels. By delivering several thousand amps in 2 – 3 ms, the weld can penetrate the surface oxide of aluminum without damaging the panel. By using the optional Aluminum Stud Pulling tool CBI1288, the aluminum studs can be used for pulling dents on aluminum panels.

Specifications:

- 110 / 220 volt @ 20 amps
- 50/60 Hz
- 7" x 15" x 16"
- Weight 33 lbs.

Option:

CBI1288 Aluminum stud pulling tool



CEBORA Synergic MIG Welder Model No. CBI572

The Synergic MIG welder is a 220 volt, single-phase welder with an output power ranging from 25 – 200 amps. Designed and developed for today's collision repair shop, the Synergic MIG 572 is supplied with a MIG gun NM15 and built-in Synergic programs for welding high strength steel, MIG Brazing of galvanized steel and aluminum, when using the optional Push-Pull gun CBI2003. The built in programs can be updated easily via the Internet by using the optional interface kit CBI136 so the welder is always up to date.

Specifications:

- 220 volt, single-phase @ 40 amps
- 50/60 Hz
- 21" x 33" x 26"
- Weight 117 lbs.

Options:

CBI2003 Push-pull gun for welding aluminum.
CBI136 Interface kit



CEBORA Inverter Power Plasma 3100 Model No. CBI296

The Power Plasma 3100 is a 110 volt / 220 volt Inverter Plasma Cutter capable of cutting any metal using clean and dry shop air or nitrogen for high quality cuts. This plasma cutter is particularly suited for cutting Boron steel. It will cut carbon steel up to 3/8" and will sever steel up to 1/2". With an operating range from 25 amps down to 5 amps and a new torch design, the Power Plasma 3100 is capable of cutting overlapping panels without damaging the bottom panel. Simple controls make this plasma cutter easy and simple to use.

Specifications:

- 110 / 220 volt @ 30 amps
- 50/60 Hz
- Shop air
- 6" x 14" x 15"
- Weight 29 lbs.



Ausbeultrafo VAS 6771

Product information



Further products in category:
Body/paintwork ▶ **Dent removal equipment**

Dent removal unit VAS 6771



- Multifunction dent removal transformer
- For fast and uncomplicated dent removal work in combination with body repairs

Design and features

- Single phase transformer with digital, electronic synchronised control
- Manual or automatic weld-on function

Technical data

Mains connection: 1-phase 400V +/- 10%
Mains protection: 10A delay
Mains frequency: 50/60 Hz
Mains connection rating: 6.0 kVA
Welding current: max. 3000A
Protection class: IP 23 S

Items supplied

- Dent removal transformer, electronically controlled
- Mains connection lead with plug CEE 16A
- 2m earth cable with earth connection screw
- Multifunction gun with 2.5m cable and program selector button
- Multifunction slide hammer 1.1kg for various operations
- Attachment for special pulling electrode
- Pressure electrode
- Carbon electrode
- Rotating disc electrode
- Electrode for corrugated wire
- Box for consumables

Recommended accessories

Equipment trolley
VAS 6771/1 ▶ **ASE 463 100 00 000**

Warranty

24 months

Manufacturer

Cebora S.p.A.

ASE 463 099 00 000





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CEBORA Double Pulse Mig Welder

505-302



Add to Order

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Email Link

CEBORA Inverter Synergic mig welder for aluminum with double pulse technology and dual welding gun capability. Supplied with Push-Pull gun for aluminum.

Features

- Equipped with power factor correction technology (PFC). Complies with IEC/EN 61000-3-12.
- Fully adjustable digital control (continuous, spot, stitch, hot-start, burn back, Pre-flow, Post-flow).
- Easy set-up by selecting welding programs from menu.
- Up-gradable welding software.
- State of the art Push-Pull welding gun minimizes bird nesting of aluminum wire.
- Single and double pulse programs to facilitate aluminum welding.
- Dual welding gun capability allows easy change from aluminum to steel welding without disconnecting the welding gun.
- Up-down Amp/wire speed control on the welding gun.
- Adjustable amp/wire speed on the fly. No need to stop welding to adjust the welder.
- Easy to set-up and use.
- Single phase input power.
- Built-in welding programs for welding aluminum, Mig brazing, steel and stainless.

Technical

Welding cable length (inch)	144
Weight approx. (lbs)	169
Power consumption (kW)	5.5
Power supply (V/Hz/A)	230V 1PH/50-60/35A
Dimensions (L x W x H) (inch)	38 x 24 x 40

									
Art. 270 Power Plasma 2025/M									
Art. 279 Power Plasma 3035/M									
Art. 301 Sound MIG 2060/MD Star Double Pulse									
Art. 302 Jaguar Sound MIG 2060/MD Star Double Pulse									
Art. 307 Sound MIG 2740/T Star Pulse									
Art. 322 Synstar 200 M									
Art. 386 Synstar 330 TC									
Art. 2148 Spot 2500									
Art. 2156 Power Spot 5700 Aluminium									
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