



PRODUCT CATALOGUE

AMH



CompuSpot®

UltraMig®

A WORLD LEADER IN BODYSHOP EQUIPMENT

Professional dent pulling equipments
Resistance Spot Welders & Synergic Mig Welders
UV LED & Short-Wave Infrared Curing Systems
Pipe benders, Portable Pipe Expanders & End Forming Equipment
Solvent Recyclers & Spray Gun Cleaners

spectratek™



ULTRACLEAN

Version: 202501

AMH[®]

CANADA LTD

AMH Canada Ltd is a Canadian company established in Rimouski, Quebec since 1978 and founded in 1953.

The company consists of four divisions, **Blue Boy[®]**, specialized in the manufacturing of pipe benders, portable pipe expanders and end forming equipment, **Controlled Systems[®]**, specialized in the manufacturing of welders, **Spectratek[®]**, specialized in the process of paint drying with the Infrared curing lamps and Ultraviolet curing lamps, and **UltraClean[®]**, specialized in the solvent recyclers & spray gun cleaners.

AMH Canada's wide markets include: industrial sector, automotive manufacturing, service and collision repair. Our high quality and state-of-the-art products are distributed in more than 70 countries worldwide.

AMH has enjoyed steady growth thanks to continuous research and new product development to meet market demand.

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A WORLD LEADER IN BODYSHOP



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Research & Development - Safety - Production



Our products are approved and recommended by



major car manufacturers worldwide



EQUIPMENT



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Visit our website:
www.amh.ca



AMH Canada Ltd reserves the right to make changes in the equipment described in this catalog. Texts and photographs herein are provided for information only.

COMPU

RESISTANCE SPOT WELDING MACHINES

SPOT

AMH offers a wide range of microprocessor controlled resistance spot welding machine. The 10 models, from CompuSpot 160 to 900 enable the user to perform all necessary autobody work.

The CompuSpot models are made to suit today's sheet metals (steel, galvanised steel, zinc plated steel) and ultra light steel.

All CompuSpot machines are equipped with copper wound transformers allowing longer life and heat resistance. Most models are equipped with a separate power and time selectors for superior performance.



COMPUSPOT Series

Advanced Quick Dent Pulling

COMPUSPOT 160 DIGITAL & DUAL* Professional Dent Puller with Modern Touch Pad Control

Digital display with keypad control of time and power, including welding mode and language selection.

The **COMPUSPOT 160 DUAL** allows the automatic welding mode.

Weld studs (nails), washers, rivets for interior panel and window molding (all tips included).

Quick change electrodes.

Quick star washer dent pulling: fast and easy to use slide hammer included.

Shrinking with copper tip for high spot.

Easy access around vehicles.



Compact 11" x 11" x 9"
(280x 280x 229mm).

Light weight (only 48lbs, 22kg.).

**Power 208-240V (30A) or 380-415V (20A),
Single Phase
3,500A Output power**

No. Reference

28.CPS161	CompuSpot 160 DIGITAL 200-240V / 30A / 50-60Hz
28.CPS164	CompuSpot 160 DIGITAL 380-415V / 20A / 50-60Hz
28.CPS164D	CompuSpot 160 DUAL 380-415V / 20A / 50-60Hz
14.CS.00.30	Cart

* COMPUSPOT 160 DUAL is not available in North America



COMPUSPOT 160 WORKBENCH Multifunctional Service Center for Dent Pulling Steel

This multifunctional service Center is a mobile workbench specially designed to provide a clean and productive workplace for the CompuSpot 160 operator.

220V & 380V electrical outlets.
(European, American & Asian models)



Compressed air outlets.
(located on front & back panels)

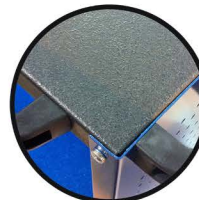


Front and side perforated panels for tool storage.

Welding gun & Cable support:

Sliding drawer & storage shelves.

Scratch resistant table top coating.



The service center comes complete with:

The workbench, the CompuSpot 160 dent puller, Straightening bar, Pulling bar, Automatic spot pulling gun, Pulling claws, Angle supports, Slide hammers, and a large variety of accessories.

No. Reference

28.CPS165	Workbench CompuSpot 160 DIGITAL (AMERICA)
28.CPS166	Workbench CompuSpot 160 DIGITAL (EUROPE)

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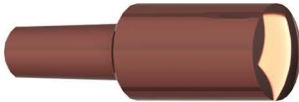
Resistance Spot Welder Accessories

Compuspot 160 Welder & Workbench

04.PS.15.05
Washer tip



04.PS.15.10
Shrinking tip



04.PS.15.18
Single spot tip



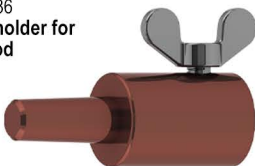
04.PS.15.25
Long stud tip (nails)



04.PS.15.30
Wiggle wire tip



04.PS.20.36
Adapter holder for
carbon rod



02.205.01.60
Carbon rod



13.155.00.36
Stars (Pkt 10)



13.PS.10.27
Mandrel for nail



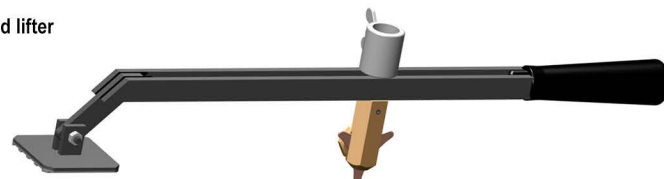
13.PS.10.23
Energic slide hammer with adaptor



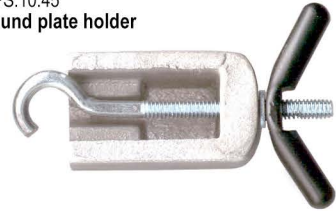
13.PS.10.26
Energic slide hammer with hook



13.155.30.07
Standard hand lifter
for CPS160



13.PS.10.45
Ground plate holder



13.155.10.55
Handle for bear
claw



13.PS.10.31
Hook mandrel for washer pulling



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Resistance Spot Welder Accessories

Compuspot 160 Welder & Workbench

16.178.00.67
Nails (Pkt 100)



16.178.00.72
Washer (Pkt 100)



13.155.10.78
Wiggle wire (Pkt 1/2lb)
13.155.10.76
Wiggle wire (Pkt 1lb)



13.155.30.23
Automatic spot
pulling gun



13.155.10.42
2 Finger bear claw



13.155.10.46
5 Finger bear claw



13.155.10.52
8 Finger bear claw



13.155.30.30
Angle support



13.155.30.28
Deluxe hand lifter



13.155.30.26
Straightening bar



13.155.30.24
Pulling bar



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Advanced Quick Dent Pulling

COMPUSPOT 75 AUTOMATIC*

Economic Dent Puller for Professional Autobody Work

Multifunctional steel dent puller with automatic welding mode.

Quick change electrodes.

Delivered with slide hammer, heat shrink, washer tips (stars washers, washers, wiggle wires).



Power 200-240V (20A, Single Phase, 3,000 Output power.

No. Reference

28.CPS075 CompuSpot 75 AUTOMATIC, 200-240V, 50-60Hz

* Not available in North America

COMPUSPOT 150 DUAL*

Advanced Dent Puller for Professional Autobody Work

Multifunctional steel dent puller with automatic & manual welding modes.

A keypad for the control of time and power, including welding mode.

Delivered with slide hammer & dent pulling accessories (stars washers, washers, wiggle wires).



Power 208-240V (30A) or 380-415V (20A), Single Phase,

No. Reference

28.CPS151D CompuSpot 150 DUAL, 200-240V, 50-60Hz

28.CPS154D CompuSpot 150 DUAL, 380-415V, 50-60Hz

* Not available in North America

ALUMINIUM HAMMER KIT

The Complementary Tools for Aluminium Repair

The kit includes 2 hammers: horizontal & vertical type.

Prevents metal cross contamination on aluminum bodied vehicles.

Durable hammer reducing breakage.

Lightweight.



Horizontal type



Vertical type



No. Reference

16.178.05.10

Aluminium Hammer kit

DELUXE ALUMINIUM HAMMER KIT

The Complementary Tools for professional dent pulling

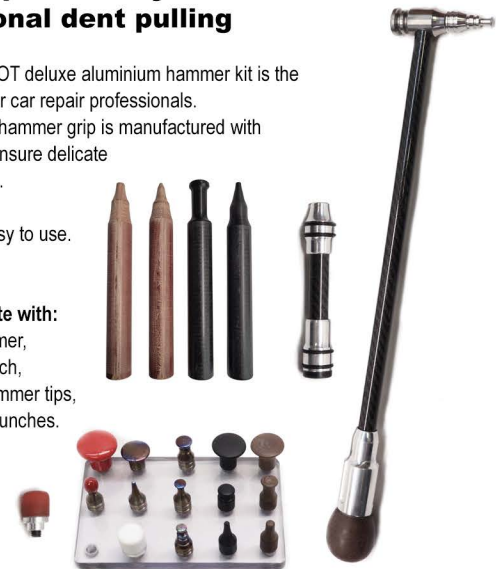
The COMPUSPOT deluxe aluminium hammer kit is the ideal package for car repair professionals.

The lightweight hammer grip is manufactured with fiber carbon to ensure delicate dent pulling jobs.

Ergonomic & easy to use.

Comes complete with:

Aluminium hammer, carbon fiber punch, kit of various hammer tips, and 4 different punches.



No. Reference

16.178.05.12

DELUXE Aluminium Hammer kit

See all the CompuSpot welder accessories available from page 57 to 65

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COMPUSPOT 180AL Aluminium Dent Pulling System

Utilizes capacitive discharge with extra safety features.

Includes welding gun with integrated ground system, 3 welding tips, plus supply of threaded 4, 5 and 6mm pulling studs.

Complete with hand lifter, hook and 3 puller mandrels.

Slide hammer and larger pulling studs optional.

May also be used for dent pulling steel and stainless steel.

Digital touch pad control.

Ready and discharge (trigger) lights in the gun base, let the operator focus on the application rather than the control panel.

115VAC (10A) / 230VAC (6A),
Single phase, 50-60Hz

Capacitance: 66mF

Welding energy: 50J/40V, 1600J/220V

Secondary Open-Circuit Voltage:
 U_{MIN} :20V, U_{MAX} :25V



No. Reference

28.CPS180	CompuSpot 180AL
14.CS.00.40	Cart



ALUMATECH Precision Aluminium Reformation Center

The Service Center is a mobile workbench specially designed to provide a productive workplace for the CompuSpot 180AL operator in an aluminium clean room environment.

110V & 220V electrical outlets.
(European, American & Asian models)



Compressed air outlets.
(located on front & back panels)

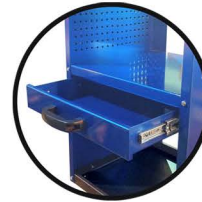


Front and side perforated panels for tool storage.

Welding gun & Cable supports.

Scratch resistant table top coating.

Sliding drawer & storage shelves.



The service center comes complete with:

The workbench, the CompuSpot 180AL dent puller, Straightening bar, pulling claws, Aluminium hammer kit, Heat gun, and Infrared Laser Thermometer Sensor.

No. Reference

28.CPS185	AlumaTech Service Center (AMERICA)
28.CPS186	AlumaTech Service Center (EUROPE)

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Resistance Spot Welder Accessories

Compuspot 180AL Welder & AlumaTech Workbench

04.PS.18.04
Stud holder 4mm

04.PS.18.05
Stud holder 5mm

04.PS.18.06
Stud holder 6mm



13.155.30.05
Standard Hand lifter
for CPS180AL



13.155.10.42
2 Finger bear claw



16.178.01.24
Threaded pulling studs M4x15 (Pkt 200)



13.155.30.28
Deluxe Hand lifter



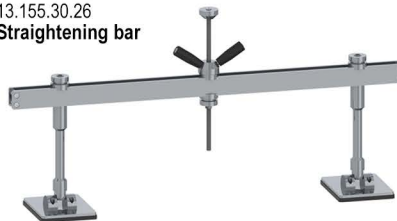
13.155.10.46
5 Finger bear claw



16.178.01.26
Threaded pulling studs M5x15 (Pkt 200)



13.155.30.26
Straightening bar



13.155.10.52
8 Finger bear claw



16.178.01.26
Threaded pulling studs M6x15 (Pkt 200)



13.155.30.24
Pulling bar



16.178.05.20
Heat gun



08.175.00.54
Puller mandrel 4mm



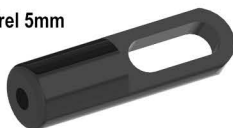
13.155.30.30
Angle support



16.178.05.25
Infrared laser
thermometer sensor



08.175.00.55
Puller mandrel 5mm



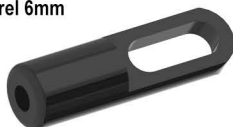
16.250.00.10
Stainless steel brush



01.PS.04.10
Aluminium stud welding gun for CPS180AL
with integrated ground system



08.175.00.56
Puller mandrel 6mm



16.178.00.18
Safety goggles



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Inverter Spot Welder

COMPUSPOT 700HF

High Frequency Inverter Compression Spot Welder

Liquid cooling system.
Advanced inverter technology for boron alloys and high strength steels.
Digitally controlled programmable weld settings for producing factory quality welds.

Power Supply Requirements:

208-230V

60A Slow blow
50-60Hz, 3-Phase

380-415V

32A Slow Blow
50-60Hz, 3-Phase

440-480V

40A Slow Blow
50-60Hz, 3-Phase

Clamp options:

C Clamp

550daN at 8,5bar
(1,240lbf at 125psi)

G Clamp

490daN at 8,5bar
(1,100lbf at 125psi)

Welding current:

**12,000A
MAXIMUM**

The cables comply to
Electromagnetic Field Exposure
(EMF) 2013/35/UE directive



COMPUSPOT 700HF & 750HF are
equipped with a new control board system
and a larger display screen for an easier use



No. Reference

28.CPS723	CPS700HF with C Clamp, 208-230V 3-Phase, 60A Slow blow
28.CPS733	CPS700HF with G Clamp, 208-230V 3-Phase, 60A Slow blow
28.CPS724	CPS700HF with C Clamp, 380-415V 3-Phase, 32A Slow blow
28.CPS725	CPS700HF with C Clamp, 440-480V 3-Phase, 40A Slow blow

COMPUSPOT 750HF

High Performance Compression Spot Welder

Designed and built in cooperation with car manufacturers to meet the requirements for repairing ultralight and advanced high strength steels including boron alloys.

Liquid cooling system. Advanced inverter technology.

Digitally controlled programmable weld settings for producing factory quality welds.

Power Supply Requirements:

208-230V

70A Slow Blow
50-60Hz, 3-Phase

380-415V

32A Slow Blow
50-60Hz, 3-Phase

440-480V

40A Slow Blow
50-60Hz, 3-Phase

Clamp options:

C Clamp

550daN at 8,5bar
(1,240lbf at 125psi)

G Clamp

490daN at 8,5bar
(1,100lbf at 125psi)

Welding current:

**13,000A
MAXIMUM**

The cables comply to
Electromagnetic Field Exposure
(EMF) 2013/35/UE directive



No. Reference

28.CPS773	CPS750HF with C Clamp 410daN, 208-230V 3-Phase, 70A Slow blow
28.CPS774	CPS750HF with C Clamp 410daN, 380-415V 3-Phase, 32A Slow blow
28.CPS783	CPS750HF with G Clamp 450daN, 208-230V 3-Phase, 70A Slow blow
28.CPS784	CPS750HF with G Clamp 450daN, 380-415V 3-Phase, 32A Slow blow

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Inverter Spot Welder

COMPUSPOT 800HF Heavy Duty Liquid Cooled Inverter Spot Welder

Digital display of tip pressure and arm selection.
Wide variety of electrode arms available.
Welds all boron and advanced high strength steels.
Complete electrode arm package.

SCAN THIS CODE
to watch the video



Power Supply Requirements:

208-230V

80A Slow Blow
50-60Hz, 3-Phase

380-415V

32A Slow Blow
50-60Hz, 3-Phase

440-480V

40A Slow Blow
50-60Hz, 3-Phase

Clamp options:

C Clamp

550daN at 8,5bar
(1,240lbf at 125psi)

G Clamp

550daN at 8,5bar
(1,240lbf at 125psi)

Welding current:

14,000A
MAXIMUM



The cables comply to
Electromagnetic Field Exposure
(EMF) 2013/35/UE directive

No. Reference

28.CPS823	CPS800HF with C Clamp, 208-230V 3-Phase, 80A Slow blow
28.CPS804	CPS800HF with C Clamp, 380-415V 3-Phase, 32A Slow blow
28.CPS805	CPS800HF with C Clamp, 440-480V 3-Phase, 40A Slow blow
28.CPS833	CPS800HF with G Clamp, 208-230V 3-Phase, 80A Slow blow



COMPUSPOT 800HF MAX Twin Liquid Cooled Clamps

Achieves maximum coverage of the car body.
Offers the best features of both clamp styles.
Easy keypad selection of clamp style.
Complete electrode arm package.

Power Supply Requirements:

208-230V

80A Slow Blow
50-60Hz, 3-Phase

380-415V

32A Slow Blow
50-60Hz, 3-Phase

440-480V

40A Slow Blow
50-60Hz, 3-Phase

Clamps included:

C Clamp

550daN at 8,5bar
(1,240lbf at 125psi)

G Clamp

160daN at 8,5bar
(360lbf at 125psi)

Welding current:

14,000A
MAXIMUM

The cables comply to
Electromagnetic Field Exposure
(EMF) 2013/35/UE directive



NEW
IMPROVED
DESIGN

COMPUSPOT 800HF & 800HF MAX are
equipped with a new control board system
and a larger display screen for an easier use

No. Reference

28.CPS803GC	CPS800HF Max with C & G Clamp, 208-230V 3-Phase, 80A Slow blow
28.CPS804CH	CPS800HF Max with C & G Clamp, 380-415V 3-Phase, 32A Slow blow



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COMPUSPOT 850 & 850MAX Advanced Inverter Spot Welder

Welding today's high strength dual phase and boron steels with up to 630 daN (1,386lbf) of tip pressure, 14,000 amps of welding current.

USB port for data transfer and program updates.

Weld history log recording each weld performance.

Assisted mode with factory presets of 5 metal types and 8 metal thicknesses.

The reports saved on the USB key.

Liquid cooling all the way to the electrode tips.

7" touch screen control panel with high resolution color (800x480px).

The model 850MAX includes the C Clamp (630daN) & G Clamp (550daN).
Twin liquid cooled clamp for a maximum coverage of the car body.

Power Supply Requirements:

208-230V

80A Slow Blow
50-60Hz, 3-Phase

380-415V

32A Slow Blow
50-60Hz, 3-Phase

440-480V

40A Slow Blow
50-60Hz, 3-Phase

Clamp options:

C Clamp

630daN at 8,5bar
(1,420lbf at 125psi)

G Clamp

550daN at 8,5bar
(1,240lbf at 125psi)

Welding current:

14,000A
MAXIMUM

The cables comply to Electromagnetic Field Exposure (EMF) 2013/35/UE directive

The models COMPUSPOT 850 & COMPUSPOT 850MAX include
a single side spot gun and a complete package of tools & accessories.



No. Reference

28.CPS853	CPS850 with C Clamp, 208-230V 3-Phase, 80A Slow blow
28.CPS854	CPS850 with C Clamp, 380-415V 3-Phase, 32A Slow blow
28.CPS863	CPS850 with G Clamp, 208-230V 3-Phase, 80A Slow blow
28.CPS864	CPS850 with G Clamp, 380-415V 3-Phase, 32A Slow blow
28.CPS853M	CPS850MAX with C & G Clamp, 208-230V 3-Phase, 80A Slow blow

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COMPUSPOT 900 FUSION & 900MAX FUSION Intelligent Inverter Spot Welder

The ideal answer for how to weld today's high strength dual phase and boron steels with up to 630 daN (1,386lbf) of tip pressure, 14,000 amps of welding current, and no guess work.

Automatic recognition of sheet thickness and material type (HSS, UHSS, Boron, etc.)

Automatic setting of weld power, weld time, and tip pressure.

USB port for data transfer and program updates.

Weld history storage.

Liquid cooling all the way to the electrode tips.

The COMPUSPOT 900MAX includes C Clamp (630daN) & G Clamp (550daN).
Twin liquid cooled clamp for a maximum coverage of the car body.

The models COMPUSPOT 900 FUSION & COMPUSPOT 900MAX FUSION
include a single side spot gun and a complete package of tools & accessories.

Power Supply Requirements:

208-230V
80A Slow Blow
50-60Hz, 3-Phase

380-415V
32A Slow Blow
50-60Hz, 3-Phase

440-480V
40A Slow Blow
50-60Hz, 3-Phase

Clamp options:

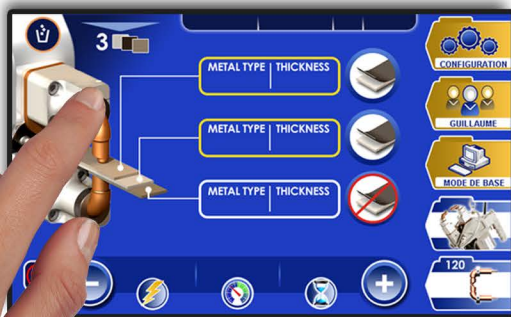
C Clamp
630daN at 8,5bar
(1,420lbf at 125psi)

G Clamp
550daN at 8,5bar
(1,240lbf at 125psi)

Welding current:

**14,000A
MAXIMUM**

The cables comply to Electromagnetic Field Exposure (EMF) 2013/35/UE directive



7" touch screen control panel with high resolution color (800x480px).

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No. Reference

28.CPS903	CPS900 Fusion with C Clamp, 208-230V 3-Phase, 80A Slow blow
28.CPS904	CPS900 Fusion with C Clamp, 380-415V 3-Phase, 32A Slow blow
28.CPS905	CPS900 Fusion with C Clamp, 440-480V 3-Phase, 40A Slow blow
28.CPS913	CPS900 Fusion with G Clamp, 208-230V 3-Phase, 80A Slow blow
28.CPS914	CPS900 Fusion with G Clamp, 380-415V 3-Phase, 32A Slow blow
28.CPS915	CPS900 Fusion with G Clamp, 440-480V 3-Phase, 40A Slow blow
28.CPS903M	CPS900 FUSION MAX with C & G Clamp, 208-230V 3-Phase, 80A Slow blow
28.CPS904M	CPS900 FUSION MAX with C & G Clamp, 380-415V 3-Phase, 32A Slow blow

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Resistance Spot Welder Accessories

Accessories for Compuspot 800HF to 900 FUSION

04.PS.20.05
Standard tip



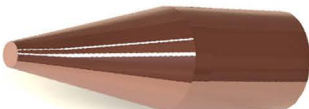
04.PS.20.15
Nail tip



04.PS.20.20
Washer tip



04.PS.20.25
Gutter rail tip



13.PS.10.21
Slide hammer



13.PS.10.26
Slide hammer



04.PS.20.30
Shrinking tip



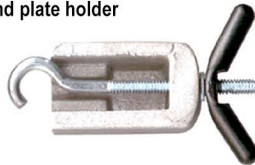
04.PS.20.31
M6 Stud tip



02.205.01.60
Carbon rod



13.PS.10.45
Ground plate holder



04.PS.15.30
Wiggle wire tip



04.PS.20.32
M6 Nut tip



04.PS.20.33
Adapter



09.125.05.52
Accessories & consumables storing case
Accessories & consumables not included



Resistance Spot Welder Accessories

Accessories for Compuspot 800HF to 900 FUSION

16.178.00.67
Nails (Pkt 100)



16.178.00.72
Washer (Pkt 100)



16.178.00.77
M6 stud (Pkt 30)



16.178.00.79
M6 nut (Pkt 30)



13.155.00.36
Stars (Pkt 10)



16.178.01.82
Straight pull steel welding key (Pkt 10)

16.178.01.83
Straight pull steel welding key (Pkt 50)



16.178.01.92
Straight pull aluminium welding key (Pkt 10)

16.178.01.93
Straight pull aluminium welding key (Pkt 50)



13.155.10.46
5 Finger bear claw



13.155.10.50
8 Finger bear claw



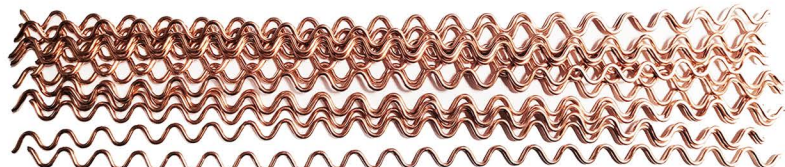
13.155.10.53
12 Finger bear claw

Wiggle wire 12 GA

13.155.10.74
(12 GA Pkt 1/2 lb)

13.155.10.79
(12 GA Pkt 1 lb)

13.155.10.79.5
(12 GA Pkt 5 lbs)

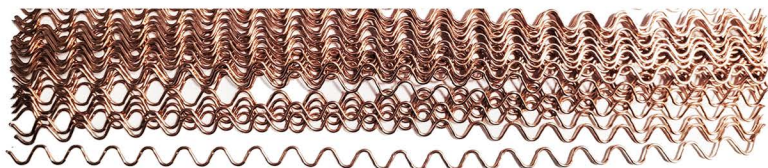


Wiggle wire 16 GA

13.155.10.78
(16 GA Pkt 1/2 lb)

13.155.10.76
(16 GA Pkt 1 lb)

13.155.10.77
(16 GA Pkt 5 lbs)

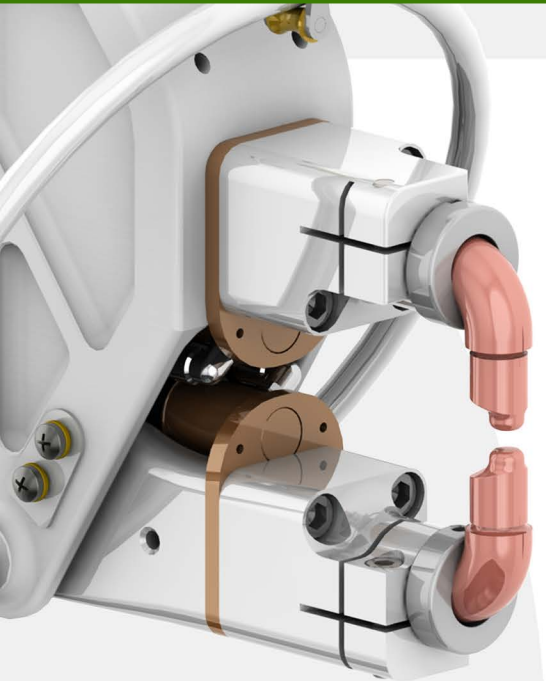


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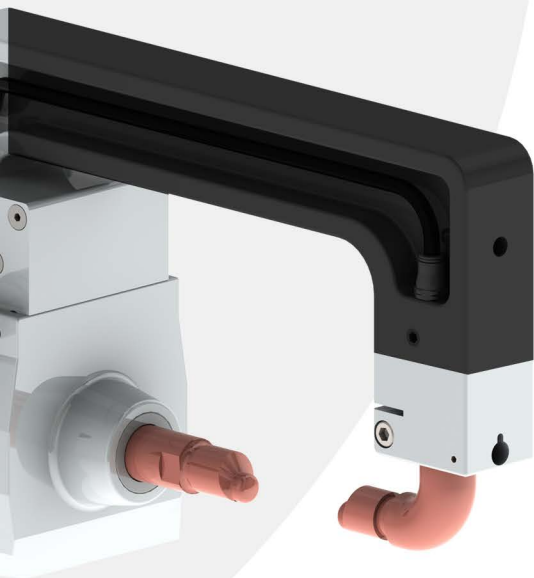
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ASIA Tel: +86 10 88 86 40 98 EUROPE Tel: +33 6 16 99 54 08 USA Tel: (330) 519-5874

Arms for C Clamp 550daN



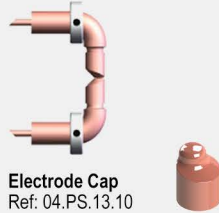
A large & complete variety of arms

The optional arms for C-Clamp and G-Clamp can be used on the 800HF to 900 FUSIONMAX COMPUSPOT welders to answer all your needs in the car repair and manufacturing industry.

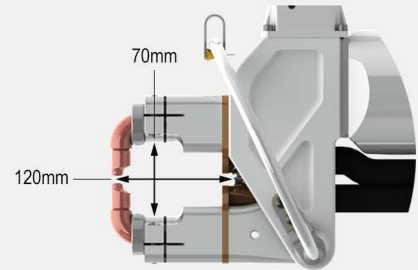


120mm Straight arms kit

Ref: 04.PS.80.12



Electrode Cap
Ref: 04.PS.13.10

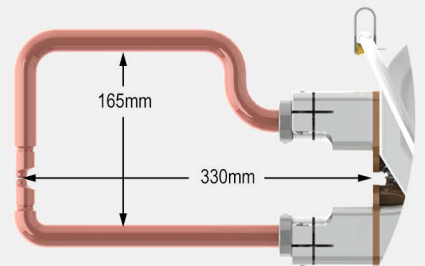


330mm 1/2 Offset arms kit

Ref: 04.PS.80.33



Electrode Cap
Ref: 04.PS.13.10

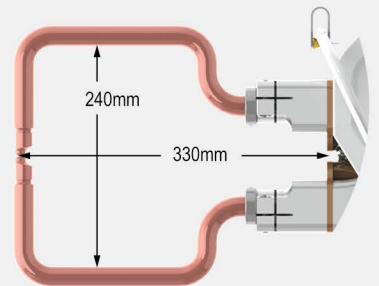


330mm 1/2 Offset arm

Ref: 04.PS.80.32



Electrode Cap
Ref: 04.PS.13.10

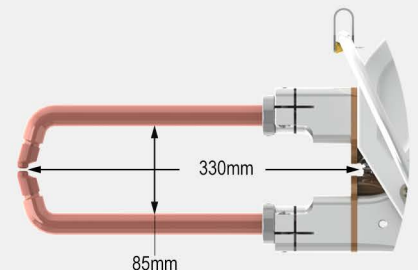


330mm Dog nose arms kit

Ref: 04.PS.80.34



Electrode 15deg
Offset Cap Ref: 04.PS.13.12



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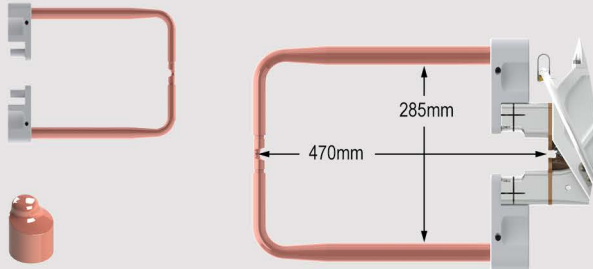
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USA Tel: (330) 519-5874

Arms for C Clamp 550daN

470mm Full offset arms kit

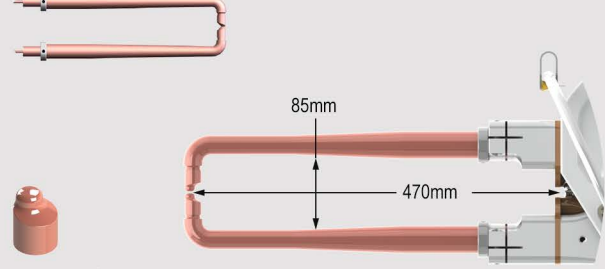
Ref: 04.PS.80.41



Electrode Cap
Ref: 04.PS.13.10

470mm Straight arms kit

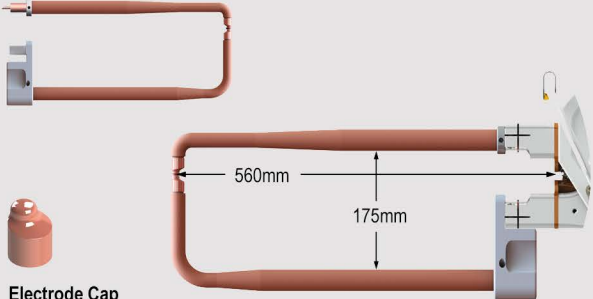
Ref: 04.PS.80.47



Electrode Cap
Ref: 04.PS.13.10

560mm 1/2 offset arms kit

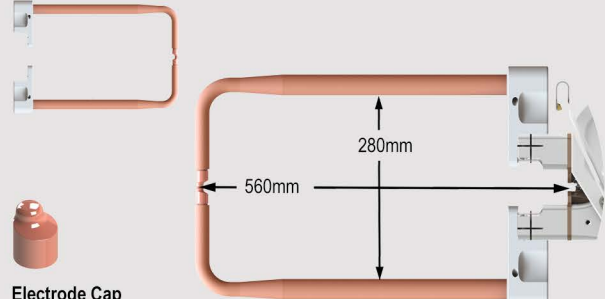
Ref: 04.PS.80.58



Electrode Cap
Ref: 04.PS.13.10

560mm Full offset arms kit

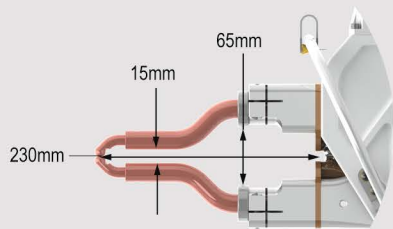
Ref: 04.PS.80.60



Electrode Cap
Ref: 04.PS.13.10

230mm Crocodile type arms kit

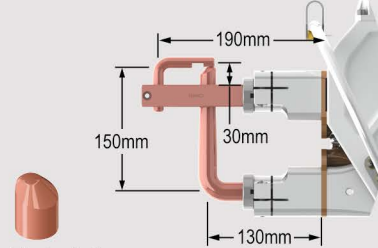
Ref: 04.PS.80.21



Electrode for crocodile arm
Ref: 04.PS.12.06

Fender electrode kit

Ref: 04.PS.80.22

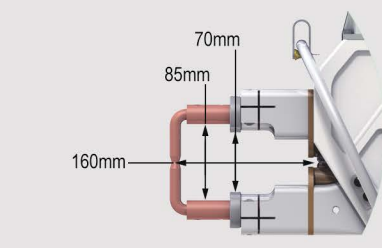


Electrode Cap
Ref: 04.PS.13.08

Electrode Elbow 110mm
Ref: 04.PS.12.03

Deep gutter rail electrode kit

Ref: 04.PS.80.13



Electrode Elbow Deep Gutter
Rail Ref: 04.PS.12.07

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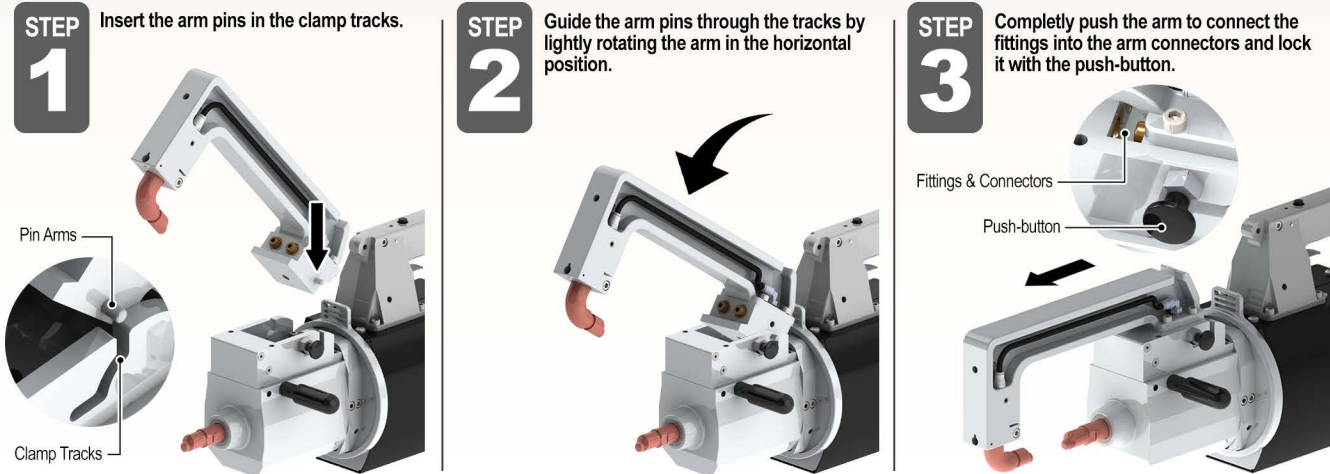
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USA Tel: (330) 519-5874

Arms for G Clamp 490daN

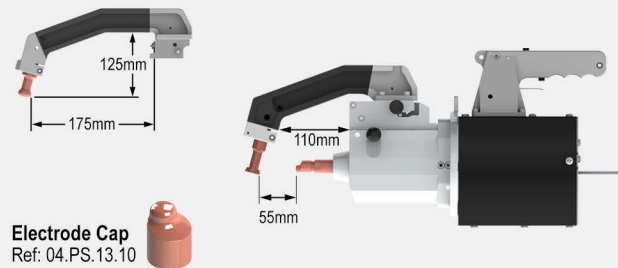
All the arms for the G clamp are specially designed to allow an easy and quick arm installation without disconnecting the cooling pipes. Tracks guide the arm correctly until the fittings are well connected.

3 amazing & simple steps to change the arm in 10 seconds.



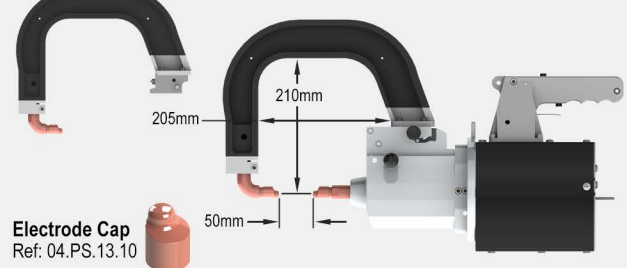
Fender electrode set

Ref: 04.PS.90.10



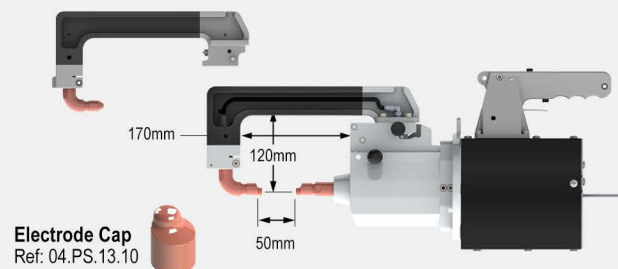
200mm U arm

Ref: 04.PS.90.20



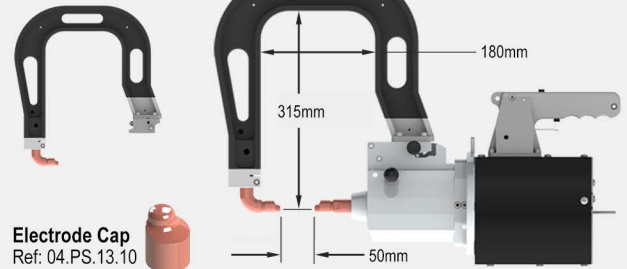
120mm Straight arms set

Ref: 04.PS.90.12



300mm U arm

Ref: 04.PS.90.30



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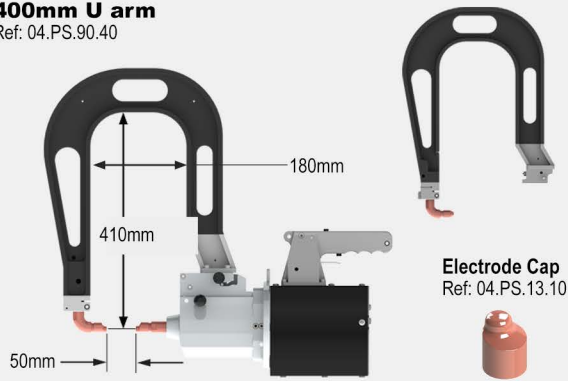
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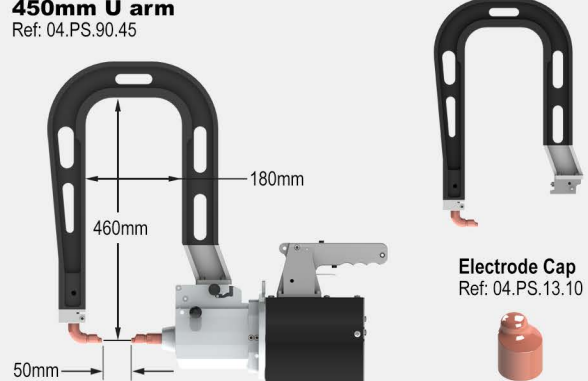
Resistance Spot Welder Accessories

Arms for G Clamp 490daN

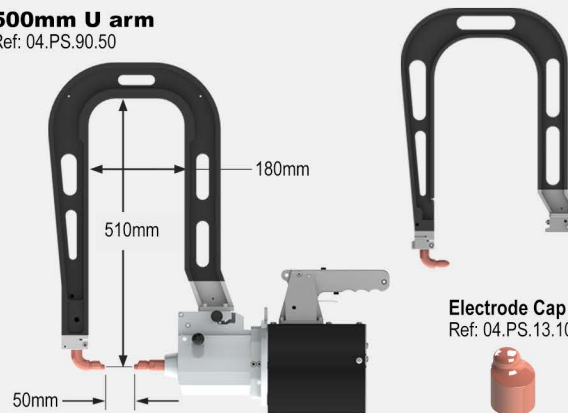
400mm U arm
Ref: 04.PS.90.40



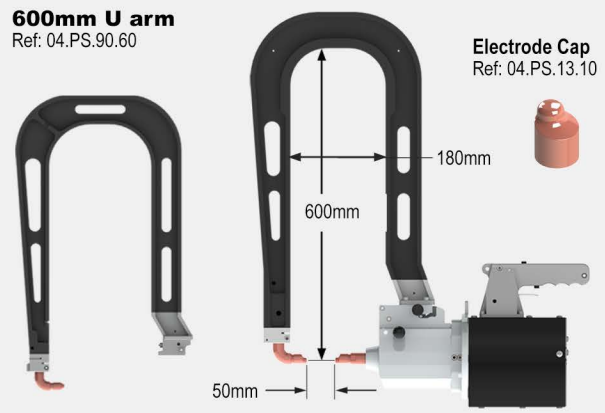
450mm U arm
Ref: 04.PS.90.45



500mm U arm
Ref: 04.PS.90.50

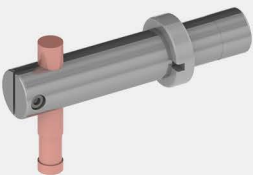


600mm U arm
Ref: 04.PS.90.60



Arms & Electrodes for G Clamp 450daN

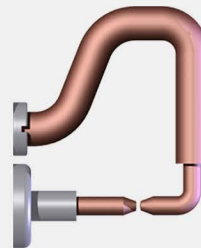
13.PS.11.05
Fender electrode (G Clamp)



13.PS.11.64
500mm U arm (G Clamp)



13.PS.11.60
100mm Offset arm (G Clamp)



13.PS.11.55
G to C Adapter (G Clamp)



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COMPUSPOT DRILL

Spot Weld Drill designed for Boron and Ultra High Strength Steels

Low Speed, High Torque Cutting Action.
Required for steels with a high Rockwell hardness rating.

Variable Depth Adjustment.
Prevents drilling into the bottom panel.

2 Stage Start.
Improves alignment and prolongs bit life.

Special Carbide Bit Coating.
Reduces friction heat and increases bit performance.

2 Blade Bit Configuration.
Provides a wider, shock resistant cutting surface.
Avoids broken bits.

Technical Specifications:

Pressure: 6.3 bar (90psi)

Free speed: 1000 RPM

Air consumption: 480 L/min (17 CFM)

Sound level: 81 dBA

Average bit life: 60-80 cuts on 60HRC
(1000 cuts on standard sheet metal)



Standard kit (including plastic storage box)* Ref:16.178.05.01

Qty	Description	Reference
1	Compuspot Drill unit	16.178.05.04
1	Drill Bit 8MM	16.178.05.07
1	Standard arm 2" (51MM)	16.178.05.03

Deluxe kit (including plastic storage box)* Ref:16.178.05.00

Qty	Description	Reference
1	Compuspot Drill unit	16.178.05.04
2	Drill Bit 8MM	16.178.05.07
1	Drill Bit 10MM	16.178.05.08
1	Standard arm 2" (51MM)	16.178.05.03
1	Deep arm 5-1/2" (140MM)	16.178.05.02

*Optional: Drill Bit 6MM (Reference 16.178.05.06)



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Pneumatic & Hydraulic Rivet Gun

COMPUSPOT RG500

Pneumatic & Hydraulic Rivet Gun

The ideal tool for riveting operations on metal sheet used by major car manufacturer.

Designed to be used on aluminium, plastic, composite and steel (HLE, THLE, UHLE, Boron, etc.).

Compatible with self-piercing & flow-form rivets.

Pneumatic pressure:
2.5-7 bar (36-100 PSI)

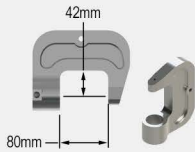
Hydraulic pressure:
250-700 bar (3,600-10,000 PSI)

Clamping force:
20-65 kN (4,500-14,600 lbf)

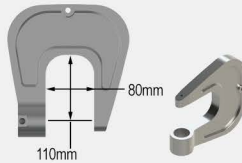
SCAN THIS CODE
to watch the video



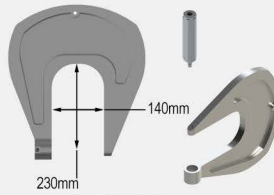
C Arms models



INCLUDED
Riveting C-Arm 40mm (1-1/2")
Ref: 16.178.06.04



OPTIONAL
Riveting C-Arm 110mm (4-1/2")
Ref: 16.178.06.06



OPTIONAL
Riveting C-Arm 240mm (9-1/2")
Ref: 16.178.06.08
Adapter for Riveting C-Arm 240mm
Ref: 16.178.06.14

Self-piercing rivets



Self-piercing rivet (100/pk)
3.3MM x 3.5MM long
Ref: 16.178.07.53



Self-piercing rivet (100/pk)
3.3MM x 5.0MM long
Ref: 16.178.07.55



Self-piercing rivet (100/pk)
5.3MM x 5.0MM long
Ref: 16.178.07.65



Self-piercing rivet (100/pk)
5.3MM x 8.0MM long
Ref: 16.178.07.68

No. Reference

16.178.06.10

Hydraulic & Pneumatic Rivet Gun CompuSpot RG500

Available accessories for RG500

Can be equipped with a large variety of optional accessories and C-Arms for specific applications:

SERIE 1: Tools for removing Self-Piercing Rivets

1.1 Matrix for removing Self-Piercing rivet (short) Ref: 16.178.06.36	1.2 Punching tool for removing Self-Piercing rivet (short) Ref: 16.178.06.35	1.3 Matrix for removing Self-Piercing rivet (long) Ref: 16.178.06.34	1.4 Punching tool for removing Self-Piercing rivet (long) Ref: 16.178.06.33
Tool kit (1.1 & 1.2) for removing Self-Piercing rivets on thin metal sheet Ref: 16.178.06.42*		Tool kit (1.3 & 1.4) for removing Self-Piercing rivets on thick metal sheet Ref: 16.178.06.43	

SERIES 2 & 3: Tools for installing Flow-Form rivets

2.1 Punching tool for pre-drilling Flow-Form rivet 6MM Ref: 16.178.06.31	2.2 Matrix for pre-drilling Flow-Form rivet 6MM Ref: 16.178.06.32	3.1 Punching tool for installing Flow-Form rivet 6MM Ref: 16.178.06.29	3.2 Matrix for installing Flow-Form rivet 6MM Ref: 16.178.06.30
Tool kit (2.1 & 2.2) for Flow-Form rivets pre-drilling Ref: 16.178.06.44*		Tool kit (3.1 & 3.2) for installing Flow-Form rivets Ref: 16.178.06.45*	

SERIE 4 & 5: Tools for installing Self-Piercing Rivets

4.1 Punching tool for installing Self-Piercing rivet 5MM Ref: 16.178.06.38	4.2 Matrix for installing Self-Piercing rivet 5MM Ref: 16.178.06.28	5.1 Punching tool for installing Self-Piercing rivet 3MM Ref: 16.178.06.37	5.2 Matrix for installing Self-Piercing rivet 3MM Ref: 16.178.06.25
Tool kit (4.1 & 4.2) for installing 5MM Self-Piercing rivets Ref: 16.178.06.41*		Tool kit (5.1 & 5.2) for installing 3MM Self-Piercing rivets Ref: 16.178.06.40*	

* The adapter (Ref. 16.178.06.22) is complementary to the tool kit and not included.

Other tools & accessories available:

 Adapter for punch tool Ref: 16.178.06.22	 Wrench for tools installation Ref: 16.178.06.87	 Plastic case for accessories** Ref: 09.125.05.49
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**accessories not included

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ULTRA

SYNERGIC MIG WELDING MACHINES

MIG

AMH UltraMig synergic MIG welding machines are built with state-of-the-art components and technology to facilitate use by the operator from the apprentice to the professional.

Synergic control allows the user to work out of position without returning to the panel to make adjustments. Volts, amps and wire feed are perfectly matched and synchronized, and are controlled by one knob on the gun handle.

Control of the primary (incoming) voltage prevents any fluctuations in the output.



ULTRAMIG Series

ULTRAMIG 200 INVERTER

Powerful MIG welder INVERTER

Easy arc control.

Adjustable inductance for controlling arc to optimize weld performance.

High current stability, low spark.

High welding efficiency.

Digital display for current and voltage.

Easily move with gas cylinder by integrated trolley.

High strength case with 15kg size inbuilt wire spool accepted.



Power Supply Requirements:

230VAC
38A, 50-60Hz
Single Phase

Output Current:

200A
MAXIMUM OUTPUT



No. Reference

28.800.22.50	UltraMig 200 INVERTER, 230VAC 1 Phase, 38A, 50-60Hz
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ULTRAMIG 225 & 225HP

for MIG brazing and MIG welding aluminium

Additional programming for silicone bronze wire in 3 sizes.

Digital display of output volts and amps.

Easy to use keypad selection of wire types, sizes, and welding modes.

Ultra fine tuning system for optimum results.

Designed for the widest variety of applications including the MIG brazing with silicone bronze wire of AHSS, boron alloys, and fully galvanized steel.

Accommodates the synergic spool gun.

Power Supply Requirements:

200-240V
30A, 50-60Hz
Single Phase

380-415V
20A, 50-60Hz
Single Phase

Output Current:

225A
MAXIMUM OUTPUT



No. Reference

28.800.22.40	ULT225, 380-415V 1 Phase, 20A, 50Hz, 1 Connector
28.800.22.41	ULT225, 380-415V 1 Phase, 20A, 50Hz, 2 Connectors
28.800.22.42	ULT225, 380-415V 1 Phase, 20A, 50Hz, 2 Motors
28.800.22.43	ULT225, 200-240V 1 Phase, 30A, 50-60Hz, 2 Motors
28.800.22.45	ULT225, 200-240V 1 Phase, 30A, 50-60Hz, 1 Connector
28.800.22.46	ULT225, 200-240V 1 Phase, 30A, 50-60Hz, 2 Connectors



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MIG Gun MB15, accessories & spare parts

03.800.00.10
Mig gun
MB15



02.205.01.86
Swan neck MB15



05.202.01.05
Conical nozzle
MB15



05.202.01.10
Cylindrical nozzle
MB15



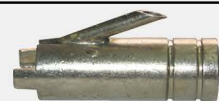
05.202.01.15
Spot nozzle
MB15



- 04.204.00.10 MB15 Welding tip .023 (10/pk)
- 04.204.00.100 MB15 Welding tip .023 (100/pk)
- 04.204.01.10 MB15 Welding tip .030 (10/pk)
- 04.204.01.100 MB15 Welding tip .030 (100/pk)
- 04.204.02.10 MB15 Welding tip .035 (10/pk)
- 04.204.04.10 MB15 Welding tip .040 (10/pk)
- 04.204.03.10 MB15 Welding tip .045 (10/pk)



05.202.01.20
Stud weld nozzle
MB15



02.205.01.25
Nozzle spring MB15



04.204.90.05G
Tip & nozzle MB15



MIG Gun MB26, accessories & spare parts

03.700.00.05
Mig gun
MB26



02.205.03.55
Swan neck MB26



05.202.04.10
Conical nozzle
MB26



05.202.04.15
Cylindrical nozzle
MB26



05.202.04.20
Spot nozzle MB26



02.205.03.15
Head insulator MB26



- 04.204.20.10 MB26 Welding tip .023 (10/pk)
- 04.204.21.10 MB26 Welding tip .030 (10/pk)
- 04.204.22.10 MB26 Welding tip .035 (10/pk)
- 04.204.24.10 MB26 Welding tip .040 (10/pk)
- 04.204.23.10 MB26 Welding tip .045 (10/pk)



04.204.90.15
Tip holder MB26



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Synergic Mig Welder Accessories

Steel welding wire

Reference	Size & weight
16.176.00.05	.023, 2lbs (0.9kg)
16.176.00.10	.023, 11lbs (5kg)
16.176.00.15	.024, 44lbs (20kg)
16.176.01.05	.030, 2lbs (0.9kg)
16.176.01.10	.030, 10lbs (4.5kg)
16.176.01.15	.030, 44lbs (20kg)
16.176.02.10	.035, 10lbs (4.5kg)
16.176.02.15	.035, 44lbs (20kg)



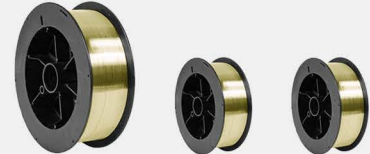
Aluminium welding wire

Reference	Size & weight
16.176.03.01	.024, 1lb (0.45kg) #5554
16.176.03.05	.024, 5lbs (2.25kg) #5554
16.176.03.10	.045, 1lb (0.45kg) #5554
16.176.03.15	.045, 5lbs (2.25kg) #5554
16.176.11.01	.030, 1lb (0.45kg) #5356
16.176.11.05	.030, 5lbs (2.25kg) #5356
16.176.12.01	.035, 1lb (.45kg) #5356
16.176.12.05	.024, 1lb (.45kg) #5356
16.176.14.05	.045, 16lbs (7.25kg)
16.176.21.01	.030, 1lb (.45kg) #4043
16.176.22.01	.035, 1lb (.45kg) #4043



Bronze welding wire

Reference	Size & weight
16.176.40.05	.024, 2lbs (0.9kg)
16.176.40.10	.024, 10lbs (4.5kg)
16.176.41.05	.030, 2lbs (0.9kg)
16.176.41.10	.030, 10lbs (4.5kg)
16.176.42.10	.035, 10lbs (4.5kg)



15.900.00.05
Drive rollers Assy



18.115.00.10
Ground clamp
200AMPS



18.115.00.15
Ground clamp
350AMPS

06.206.00.20
Teflon liner
.024, .030, .035



06.206.00.10
Steel liner MB14
.024, .030, .035



02.205.08.61
Teflon guide tube



02.205.08.55
Guide tube 2-11/16"



02.205.08.56
Guide tube 2-7/8"

18.114.00.35
Quick coupler male



18.114.00.30
Quick coupler female



02.800.00.05
Gun adaptor
(Euro)



09.125.05.25
Gun adaptor
plastic only (Euro)

16.178.00.40
Gas regulator argon - CO2



16.178.00.30
Welding helmet



16.178.00.35
Auto-darkening
welding helmet

03.700.00.42
Spool gun (20ft)



04.204.71.01
Welding tip .030



04.204.73.01
Welding tip .040



03.700.00.52
Push-pull gun (26ft)



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USA Tel: (330) 519-5874

ULTRACUT 40E2

Portable Inverter Air Plasma Cutter

High frequency 220V (50-60Hz) Inverter with variable output control.
Maximum 40A output at 60% duty cycle.

Cuts stainless steel and aluminium upto 1/2 inch thick (severs cut 5/8 inch thick).

Metal plates with different thickness can be curve-cut into any shape.

Air regulator with water separator for longer tip life included.

Fan assisted air-cooling with temperature overload protection.

Comes with "Back Up Pack" of tips and nozzles.

Compact cabinet: 15x 6x 12in (371x 155x 295mm).

Lightweight (only 18lbs, 8kg).

Fully compliant with: EMC directive 73/23/EEC and 89/336/EEC
European Standard: EN/IEC60974-1



No. Reference

28.PCA40E2	Plasma Cutter 40E2 Inverter, 220V, 50-60Hz
14.CS.00.35	Plasma Cutter ULTRACUT 40E2 Inverter cart

No. Reference for spare parts

A Reference: 19.707.00.02E	Spare ceramic cup (diffuser)
B Reference: 05.707.00.04E	Spare cooper tip
C Reference: 19.707.00.04E	Spare ceramic ring
D Reference: 04.707.00.04E	Spare electrode

Spare part kit Reference: 10.500.10.06

The kit includes: 3 electrodes, 3 cooper tips, 2 ceramic cups, and 2 ceramic rings.

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SPECTRA

UV CURING SYSTEMS

SPECTRA

Spectratek UV lamps meet or exceed the highest international standards for performance and safety.

They are designed and built in North America for use worldwide on all current ultraviolet light curable fillers, base coats (primers), top coats, and clear coatings on metal (including aluminium), wood, glass, plastic, concrete and composite.



SPECTRATEK *UV Series*

Hand-held UV LED Curing lamp

Faster, safer, and more efficient

than any other conventional UV curing system for automotive repair and industrial finishes.

Almost instant full cure with no heat.

Successfully tested on UV paint products

by the major paint manufacturer (BASF, Akzo Nobel, PPG, Axalta, Sherwin-Williams, Valspar, ICR, SPRAYMAX, etc).

DUAL LED technology with 365 & 395nm

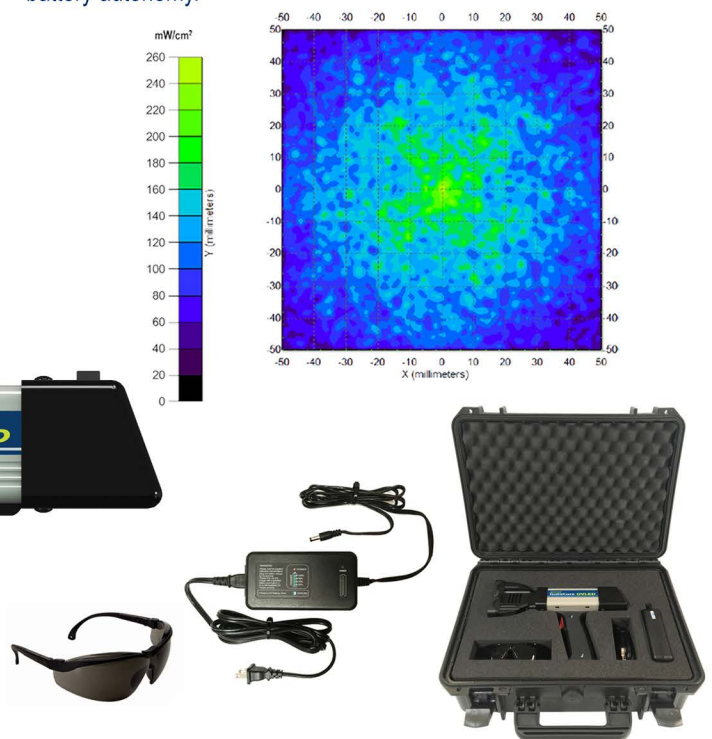
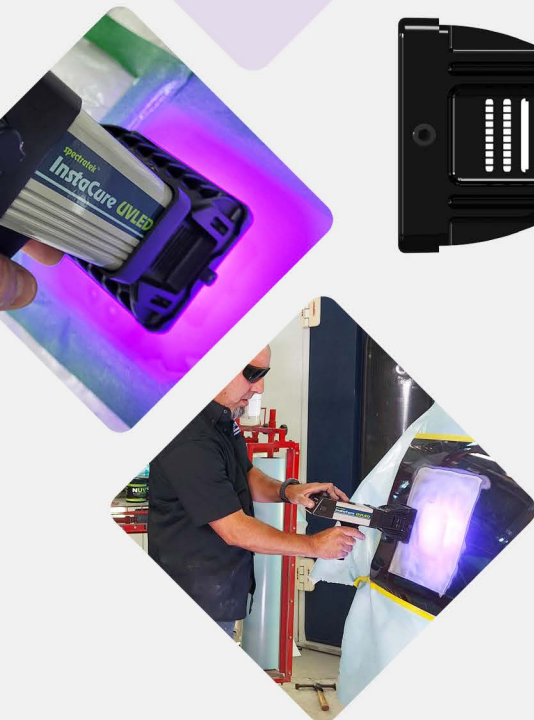
Emits only safe UV-A. No more harmful UVB and UVC.

Ultimate temperature control

Efficient heat dissipation system assisted by fan.

The most reliable equipment on market

No battery failure. No LED unit failure. No overheating.



Storage case: The SPECTRATEK InstaCure UVLED is provided with a storage case made of durable material, including:

- **Battery charger & AC cable** (Ref.: 51.513.90.01)
- **UV safety goggles** (Ref.: 16.178.00.19)

CORDLESS - NO OVERHEATING

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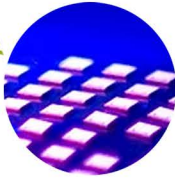
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Hand-held UV LED Curing lamp

DUAL LED TECHNOLOGY
**365
395
nm**



Battery powered

- Complete recharge in less than

spectratek™

LED units

Exclusive **DUAL LED technology** combining 365 & 395nm, ALL-IN-ONE.

Safety

- No risk of burns.
- No cooling time required.

Cordless & Autonomy

- No electric plug needed.
- Easy access and complete to all parts and sections of the vehicle.
- Perfect for quick & fast repair.
- Scanning process can be used for larger surfaces.

Curing distance 50-75mm (2-3")

- Curing surface: 100mm x 100mm (4" x 4")
- Curing time: 8 - 60 seconds
- Average irradiance: 112.8mW/cm²
- Peak irradiance: 250mW/cm²

Curing distance 200mm (8")

- Curing surface: 250mm x 250mm (10" x 10")
- Curing time: 60 - 120 seconds
- Average irradiance: 21.7mW/cm²
- Peak irradiance: 40mW/cm²

A new ergonomic handle

- Light weight & safe handling.
- IP68 push-button

Control system

Two control modes: Automatic & Manual (with trigger). Digital counter, battery level symbol and control mode displayed on screen.



State-of-the-art electronics

- Electronics kept in a well sealed section.
- Constant and uniform irradiance during the complete battery autonomy.

- CONSTANT & UNIFORM IRRADIANCE

No. Reference

28.SPTUVTEK565

Spectratek InstaCure UVLED, Combined 365/395nm UV LED



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spectratek™ UVLED

AMH Canada Ltd presents the new UV curing lamp line developed and designed with the most advanced LED technology.

Faster, safer, and more efficient than any other conventional UV curing system for automotive repair and industrial finishes. The **Spectratek LED** UV curing lamps are environmentally-friendly with a low energy consumption.

- **Almost instant full cure with no heat.**
- **Ready to sand, buff and deliver in under 3 minutes.**
- **Exclusive DUAL LED technology 365 & 395nm.**
Emits only UVA radiations. No more harmful UVB and UVC.
- **Manufactured with a unique passive thermal management system specially designed for high power UV LEDs modules.**
No cooling fan is required.
- **A lifetime of more than 35,000 hours.**

Spectratek UVTEK100 UV LED curing flashlight

Powerful 20W UV LED flashlight for touch-up and very small repair. The lithium battery is rechargeable with cable from flashlight charging port and USB port.

Comes with a storage plastic case.

Equipped with a UV-A high-performance 395nm LED unit.



No. Reference

28.SPTUVTEK100

Spectratek UVTEK100 flashlight, 20W

Spectratek UVTEK2000 Single UV LED head curing lamp

Designed with the exclusive **DUAL LED technology** providing 365 & 395nm wavelength. The 24 LEDs configuration by cassette allows a powerful and uniform irradiance all over a large curing area.

The single UV LED head is equipped with 2 cassettes.

The system design allows multiple head positions on a sliding bar.

The heads are supported by a lightweight, strong, and stable column.

Maximum Vertical Height: 1.8m (70").

Curing Area: 24" x 24" (575in²) 60cm x 60cm (3,600cm²)

Average Irradiance: 24 mW/cm²

Maximum Irradiance:
50 mW/cm²



The digital control board allows the operator to adjust the curing parameters. The interface includes multiple language options.



No. Reference

28.SPTUVTEK2000.24 Spectratek UVTEK2000, Single Head, 230V 1 Phase, 50-60Hz
28.SPTUVTEK2110.24 Spectratek UVTEK2000, Single Head, 110V 1 Phase, 50-60Hz



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Spectratek UVTEK3000 Single UV LED head curing lamp

A versatile single UV LED head curing lamp supported by a robust column and arm.

Designed with the exclusive **DUAL LED technology** providing 365 & 395nm wavelength. The 24 LEDs configuration by cassette allows a powerful and uniform irradiance all over a large curing area.

The single UV LED head is equipped with 2 cassettes.

Ready to sand, buff and deliver in **under 3 minutes**.

Running cost lower than other conventional methods.

Equipped with a distance sensor and a digital control board.

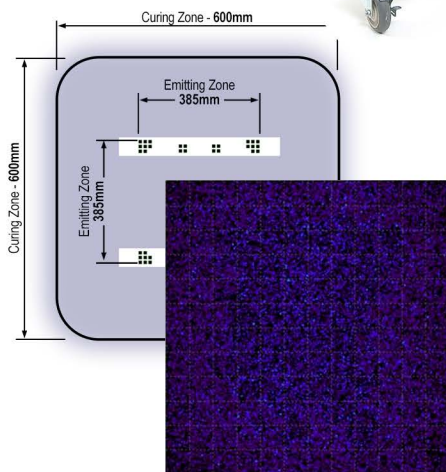
Locking rear casters.

Maximum Vertical Height: 2.4m (95")

Curing Area:
24" x 24" (575in²)
60cm x 60cm
(3,600cm²)

Average Irradiance:
24 mW/cm²

Maximum Irradiance:
50 mW/cm²



No. Reference

28.SPTUVTEK3000.24 Spectratek UVTEK3000, Single Head, 230V 1 Phase, 50-60Hz
28.SPTUVTEK3110.24 Spectratek UVTEK3000, Single Head, 110V 1 Phase, 50-60Hz

DUAL LED TECHNOLOGY
**365
395
nm**

**24
LEDs
by module**

Spectratek UVTEK4000 Double UV LED head curing lamp

A double UV LED head curing lamp supported by a robust column and an articulating arm to provide a largest possible curing area.

Designed with the exclusive **DUAL LED technology** providing 365 & 395nm wavelength. The 24 LEDs configuration by cassette allows a powerful and uniform irradiance all over a large curing area.

Each UV LED head is equipped with 2 cassettes.

Ready to sand, buff and deliver in **under 3 minutes**.

Running cost lower than other conventional methods.

Equipped with a distance sensor and a digital control board.

Locking rear casters.
Effortless lamp unit adjustment with gas cylinder and gas booster cylinder.

Maximum Vertical Height: 2.4m (95")

Curing Area:
54" x 24" (1,248in²)
135cm x 60cm (8,100cm²)

Average Irradiance: 24 mW/cm²
Maximum Irradiance: 50 mW/cm²



spectratek

The lamp head can be oriented in multiple positions for easy access to every part of the vehicle.

No. Reference

28.SPTUVTEK4000.24 Spectratek UVTEK4000, Double Head, 230V 1 Phase, 50-60Hz
28.SPTUVTEK4110.24 Spectratek UVTEK4000, Double Head, 110V 1 Phase, 50-60Hz

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spectratek™ UV

Fast, safe, efficient UV curing for automotive repair and industrial finishes.

Designed and built in Canada for worldwide use on all current ultraviolet light curable fillers, base coats (primers), top coats, and clear coatings.

- Almost instant full cure with no heat.
- Ready to sand, buff and deliver in under 3 minutes.
- Filters out all harmful UVB and UVC.
- IP30 (The enclosure provides a protection against access to hazardous parts).
- Cooling fans in each head to extend bulb life.

Spectratek InstaCure Handheld UV curing lamp



An handheld UV curing lamp specially designed to allow easy access to all parts and sections of the vehicle.

Almost instant full cure with no heat.
8-15 seconds at 3" (75mm)
from the curing surface.

CURING AREA
16" X 24" (384in²)
40cm x 60cm (2,400cm²)

Light bulb wattage: 400W

No. Reference
28.SPT402UV



Spectratek InstaCure, 230V, 1-Phase, 50-60Hz

Spectratek 400UV Single head UV curing lamp

An easy to use single head UV curing lamp at low purchase price and running cost than other conventional methods.

The head is supported by a lightweight, strong and stable column.

Vertical Height: 1.4m (55")



CURING AREA
16" X 24" (384in²)
40cm x 60cm (2,400cm²)

Power consumption: 400W

Light bulb wattage: 400W

No. Reference

28.SPT400UV



Spectratek 400UV, 230V, 1-Phase, 50-60Hz

Spectratek 800UV Double head UV curing lamp

An easy to use double head UV curing lamp for a greater curing area.

The designed system allows a multiple head positions.

The heads are supported by a lightweight, strong and stable column.

Vertical Height: 1.7m (67")



CURING AREA
32" X 24" (768in²)
80cm x 60cm (4,800cm²)

Power consumption: 800W

Light bulb wattage: 400W

No. Reference

28.SPT800UV



Spectratek 800UV, 230V, 1-Phase, 50-60Hz

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Spectratek 850UV

Double head UV curing lamp

A double head UV curing lamp supported by a robust column and arm. The base also provides a superior stability.

Purchase price and running cost lower than other conventional methods.

Locking rear casters.

Adjustable lamp arrays.

Vertical Height: 2.4m (95")
Horizontal Height: 2.0m (79")

CURING AREA

32" X 24" (768in²)
80cm x 60cm (4,800cm²)

Power consumption: 800W

Light bulb wattage: 400W



No. Reference

28.SPT802UV

Spectratek 850UV, 230V, 1 Phase, 50-60Hz



Spectratek 1600UV

Quadruple head UV curing lamp

A quadruple head UV curing lamp supported by a robust column and arm. The base also provides a superior stability.

Purchase price and running cost lower than other conventional methods.

Locking rear casters.

Adjustable lamp arrays.

Effortless lamp unit adjustment with gas cylinder and gas booster cylinder.

Vertical Height: 2.4m (95")
Horizontal Height: 2.0m (79")

CURING AREA

32" X 48" (1,536in²)
80cm x 120cm (9,600cm²)



Power consumption:
1,600W



No. Reference

28.SPT1600UV

Spectratek 1600UV, 230V, 1 Phase, 50-60Hz



Replacement UV light bulb



400W UV HPA light bulb

Reference: 17.200.00.19

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SPECTRA

SHORT WAVE INFRARED CURING SYSTEMS

AMH TATEK

Many years of experience in the automotive paint field and a high level of technical expertise in Short wave Infrared technology as it applies to the automotive industry.

AMH Canada is committed to developing the highest quality products and invests in extensive research, development, and testing.

Ongoing research ensures that products will continue to be developed to meet most effectively the needs of auto body shops today and in the future.



SPECTRATEK Series

Air Diffuser & Short Wave Infrared Curing System

Spectra-Jet

Air diffuser for waterborne basecoats

Tried and Tested Performance.
Light Yet Robust Adjustable Stand.
Easy Head Positioning.
Patent (pending) Design.

Air diffuser specifically designed to rapidly dry the waterborne basecoats that are now being used in the automotive refinish industry.

Dry times as short as 5 minutes can be achieved.

Hand-held Spectra-Jet

Portable air diffuser for waterborne paint product



No. Reference

28.SPT0500	Double air dryer on support
28.SPT0250	Hand-held air dryer
28.SPT0260	Hand-held air dryer with trigger

Spectratherm 1000

Economic Infrared curing lamp

Cures on any substrate, putty or primer.

Automatic timed shut-off reduces chance of damage to finish due to overheating.

Uniform, focused cure area - No hot or cold spot.

Easy to operate.

Chrome-plated column.

CURING AREA

10" X 12" (120in²)
25cm x 30cm (750cm²)

Power consumption: 1,000W



Spectratherm 1200

Single Cassette Infrared curing lamp

Produces the highest quality paint job in the least amount of time. Work is done at the lowest cost, while conforming to environmental regulations.

Cures on any substrate.
Cures body filler, primer or top coat in just minutes.

Automatic timed shut-off reduces chance of damage to finish due to overheating.

Uniform, focused cure area
- No hot or cold spot.

Power consumption: 1,200W



CURING AREA

12" X 18" (216in²)
30cm x 45cm (1,350cm²)



No. Reference

28.SPT1000	SPT1000, 1000W, 200-240V 1 Phase, 50-60Hz
28.SPT1200	SPT1200, 1200W, 100-120V 1 Phase, 60Hz
28.SPT.1200T	SPT1200, 1200W, 200-240V 1 Phase, 50-60Hz, Telescopic
28.SPT1202	SPT1200, 1200W, 200-240V 1 Phase, 50-60Hz

See page 34 for replacement IR bulb light



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Short Wave Infrared Curing System

Spectratherm 2400 & 2400SD

Double cassette Infrared curing lamp

Cures on any substrate, putty or primer.

The **model 2400** is equipped with an automatic timer reducing chance of damage to finish due to overheating.

The **model 2400SD** is digitally controlled and equipped with a distance sensor.

Uniform, focused cure area -
No hot or cold spot.

CURING AREA

36" X 30" (1,080in²)
92cm x 76cm (6992cm²)

Power consumption: 2,400W



No. Reference

28.SPT.2400 SPT2400, 2400W, 200-240V 1 Phase, 50-60Hz
28.SPT.2400SD SPT2400SD, 2400W, 200-240V 1 Phase, 50-60Hz, Sensors, Digital

See page 42 for replacement IR bulb light



Spectratherm 1200ITK & 1500ITK

Compact Infrared curing lamp

A single or double cassette Short-wave Infrared curing system specially design for specific applications. The spider-leg support design allows the lamp unit to be safely lay directly on the vehicle or the column support.

Perfect to cure windshield hydrophobic liquid glass protector or paint touch-up repair on the vehicle.

Available in 2 models:

1200ITK (Single cassette)

1500ITK (Double cassette)

1200 CURING AREA

20" X 20" (400in²)
51cm x 51cm (2,600cm²)

1500 CURING AREA

20" X 40" (800in²)
51cm x 102cm (5,200cm²)



No. Reference

28.SPT1200ITK 1200ITK, Single cassette 1200W, 100-120V 1 Phase, 50-60Hz
28.SPT1500ITK 1500ITK, Double cassette 1500W, 100-120V 1 Phase, 50-60Hz
12.500.00.01 Column support for 1200ITK & 1500ITK

See page 42 for replacement IR bulb light



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Short Wave Infrared Curing System

Spectratherm 4000TL

Telescopic single head Infrared curing lamp

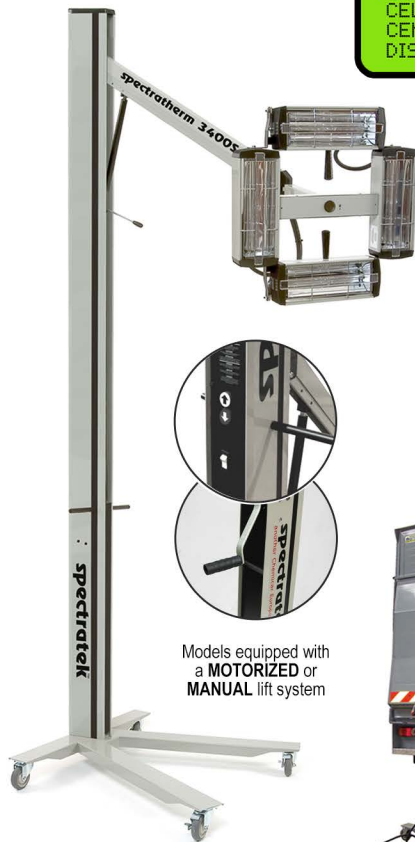
Short Wave IR Curing System reduces curing time of organic solvent based paint products and drying time of water based products. This technology is dramatically less expensive to operate with better results and saves energy because drying can be focused on repaired area, not the entire vehicle.

Acoustic and optical measuring of distances.

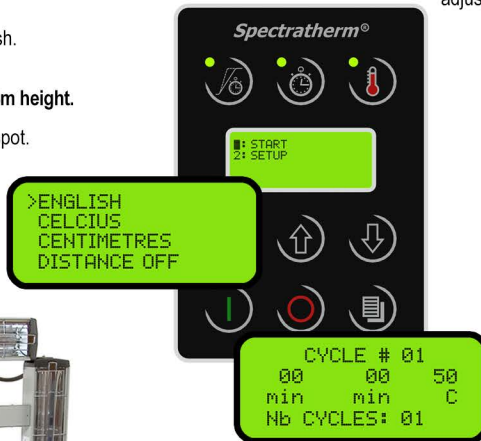
Fully temperature controlled from start to finish.
Thermal Integrated Sensor System (TISS).

Suitable for trucks and trailers. Cures until 4m height.

Uniform, focused cure area - No hot or cold spot.
Cures on any substrate. Cures body filler in 2 to 3 minutes, top coat in 7 to 10 minutes.



Models equipped with a **MOTORIZED** or **MANUAL** lift system



Digital Control and Display

Easy to use control system allowing different cycles setup with memory system.

Display of the ramp time, cure time and temperature for each cycle.

Option selection, as language or units of measurement.



No. Reference

28.SPT4000TL	4000TL, 4000W, 200-240V 1 Phase, 50-60Hz
28.SPT4004TL	4000TL, 4000W, 380-415V 3-Phase, 50-60Hz
28.SPT4000TLE	4000TL, 3400W, 200-240V 1-Phase, 50-60Hz, Motorized

See page 42 for replacement IR bulb light



Spectratherm 3400SD & 8000SD

Single head Infrared curing lamp

Acoustic and optical measuring of distances (integrated laser beam system optional).

Fully temperature controlled from start to finish.
Thermal Integrated Sensor System (TISS).

Flexible settings possible. Easily moveable stand and effortless lamp unit adjustment, enable even the most inaccessible panels to be cured efficiently.



CURING AREA
39" X 39" (1,521in²)
1m x 1m (1m²)

Thermal Integrated Sensor System (TISS)

Helps to position the curing unit for optimum heating with an ultrasonic sensor.

Optical sensor and electronics regulate the heating temperature based on the panel temperature desired.

Spectratherm 3400SD Power consumption: 3,400W

Spectratherm 4000SD Power consumption: 4,000W (8,000W High Output)

No. Reference SPECTRATHERM 3400SD

28.SPT3400SD	Spectratherm 3400SD, 3400W, 240V 1 Phase
28.SPT3400SDL	Spectratherm 3400SD, 3400W, 240V 1 Phase, Laser

No. Reference SPECTRATHERM 4000SD

28.SPT4000SD	Spectratherm 4000SD, 4000W, 240V 1 Phase
28.SPT4000SDL	Spectratherm 4000SD, 4000W, 240V 1 Phase, Laser
28.SPT4000DHO	Spectratherm 4000SD, 8000W, 240V 1 Phase, High output
28.SPT4004SD	Spectratherm 4000SD, 4000W, 380V 3-Phase
28.SPT4004SDL	Spectratherm 4000SD, 4000W, 380V 3-Phase, Laser
28.SPT4008SDL	Spectratherm 4000SD, 8000W, 380V 3-Phase, Laser

See page 42 for replacement IR bulb light



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Short Wave Infrared Curing System

Spectratherm 8000SD

Double head Infrared curing lamp

Acoustic and optical measuring of distances (integrated laser beam system optional).

Fully temperature controlled from start to finish. Thermal Integrated Sensor System (TISS).

Flexible settings possible. Easily moveable stand and effortless lamp unit adjustment, enable even the most inaccessible panels to be cured efficiently.

Power consumption: 8,000W (16,000W High Output)

CURING AREA

39" X 79" (3,081in²)
1m x 2m (2m²)



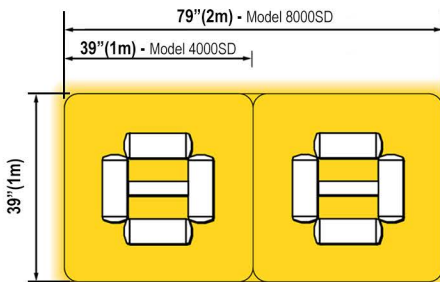
EFFORTLESS LAMP UNIT ADJUSTMENT

A gas cylinder locking allows an easy and effortless adjustment of the lamp unit.



EFFICIENT LAMP UNITS

The high-temperature halogen lamps, unique reflector and lamp array are all positioned for absolutely uniform heat distribution over the largest curing area. In addition, individual lamps can be angled to more closely match the contours of the vehicle.



No. Reference

28.SPT8000SD	Spectratherm 8000SD, 8000W, 240V 1 Phase
28.SPT8002SD	Spectratherm 8000SD, 8000W, 220V 3-Phase
28.SPT8003SD	Spectratherm 8000SD, 8000W, 380V 3-Phase
28.SPT8004SD	Spectratherm 8000SD, 8000W, 380V 3-Phase, 4 wires



CE

SCAN THIS CODE
to watch the video



Replacement IR light bulbs

750W IR bulb light (for model 1500ITK)
17.200.00.18 - IR bulb light 750W (110V)

850W IR bulb light (for model 3400)
17.200.00.19 - IR bulb light 850W (200-240V)



1000W IR bulb light (for models 1000, 4000 & 8000)
17.200.00.24 - IR bulb light 1000W (110V)
17.200.00.30 - IR bulb light 1000W (200-240V)
17.200.00.22 - IR bulb light 1000W (380V)



1200W IR bulb light (for models 1200 & 2400)
17.200.00.25 - IR bulb light 1200W (100-120V)
17.200.00.50 - IR bulb light 1200W (200-240V)



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TRACKSY

SHORT WAVE INFRARED & UV CURING SYSTEMS

SYSTEM

The Collision Repair industry is experiencing
ever increasing competitive forces.

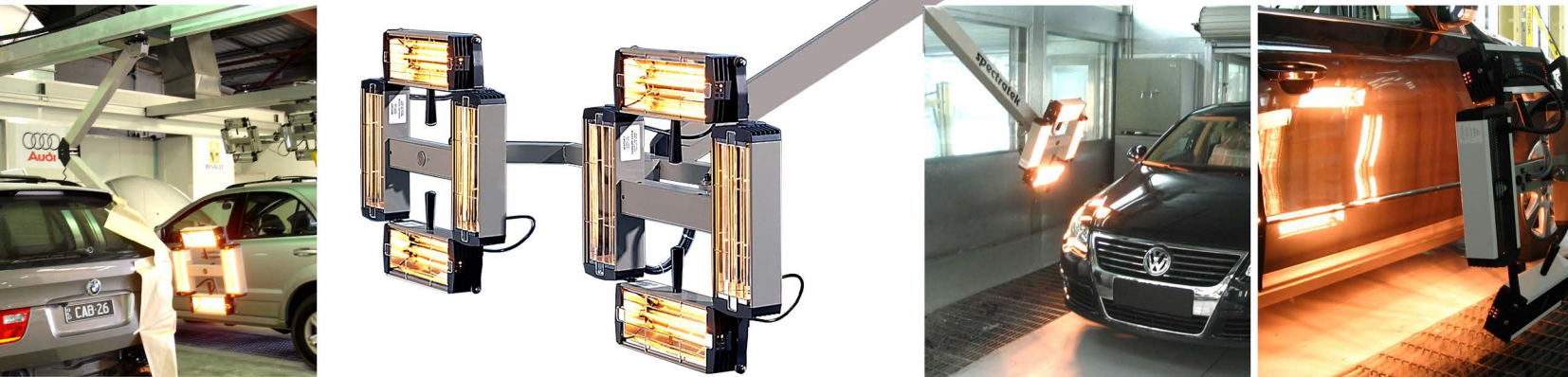
At Spectratek™ we recognize that shop owners need
more innovative solutions to help increase productivity
and maintain profitability.

With this in mind we developed the
Spectratherm™ Overhead Track System,
a key element in a winning formula, allowing
shop owners to beat their competition.



TRACKSYSTEM Series

Infra-Red Curing Track System



SPECTRATEK TRACKSYSTEM™

The Spectratherm™ Overhead Track System

was specifically designed to maximize vehicle throughput. Utilizing the Short Wave Infra-Red curing process it combines: lamps, unique reflectors, lamp array, and Thermal Integrated Sensor System (TISS) to significantly reduce standard curing and drying times.

The Short Wave Infra-Red curing heads are suspended from an overhead track system, freeing up valuable floor space. An easy glide bridge assembly makes positioning the curing heads, on any panel of a vehicle, effortless. There is no need to maneuver portable floor systems between tightly spaced vehicles, eliminating any fear of vehicle damage.

The innovative track design and its cable carrier allow the track system to span multiple bays, no more electric cables dragging along or cluttering up the floor. Various options are available, floor mount, ceiling mount or a combination of both.

Available models:

Spectratherm™4000TS & 4000TSHO
Spectratherm™8000TS & 8000TSHO
Spectratherm™3000TSM, 4000TSM & 8000TSM
Spectratherm™16000TS & Spectratherm™32000TS
Spectratherm™ Hybrid UV & IR Track System
Spectratek™ UVLED Track System
and other custom models.

SCAN THIS CODE
to watch the video



CE

No. Reference

28.SPT3008TSML	Track System Manual, 6000W, 380V 3-Phase
28.SPT4004TSD	Track System, 4000W, 380V 3-Phase
28.SPT4008TSD	Track System, High Output 8000W, 380V 3-Phase
28.SPT4004TSM	Track System Manual, 4000W, 380V 3-Phase
28.SPT4008TSML	Track System Manual, High Output 8000W, 380V 3-Phase
28.SPT8000TSD	Track System, 8000W, 240V 3-Phase
28.SPT8004TSD	Track System, 8000W, 380V 3-Phase
28.SPT8008TSD	Track System, 16000W, 380V 3-Phase
28.SPT8008TSML	Track System Manual, High Output 16000W, 380V 3-Phase

OVERHEAD TRACK & RAIL SYSTEMS

Efficient Lamp Units

The high-temperature halogen lamps, unique reflector and lamp array are all positioned for absolutely uniform heat distribution over the largest curing area. In addition, individual lamps can be angled to more closely match the contours of the vehicle.

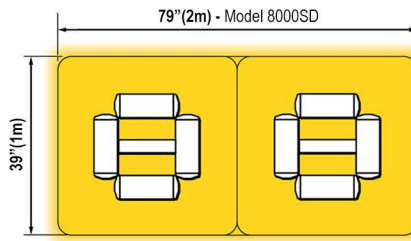
Curing area by models:

Model 3000
85 x 90cm
(7,650cm²)

Model 4000
100 x 100cm
(10,000cm²)

Model 8000
100 x 200cm
(20,000cm²)

Model 16000
200 x 200cm
(40,000cm²)



The unique reflectors that envelop the lamps are specifically designed to direct all the energy from the lamps towards the vehicle.

spectratek

Digital Control Box, is independent, and can be positioned on a nearby wall, column, or be free standing.



***Call us to order or for more information about our Track System models**

Website: www.amh.ca

Email: sales.amh@amh.ca

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ASIA Tel: +86 10 88 86 40 98

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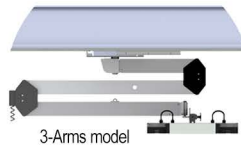
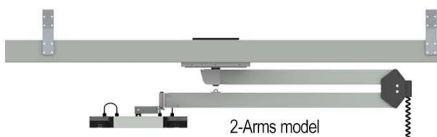
Infra-Red Curing Track System



SHORT WAVE INFRARED CURING

A large variety of options for all our customer's needs:

- ✓ Customized rail length according to room dimensions.
- ✓ 2-arms or 3-arms Track System models.
- ✓ Motorized or manual lever system.
- ✓ Standard or conductive main rails.
- ✓ Track System for car, light truck or truck.
- ✓ Equipped with standard or high-output IR light bulbs.



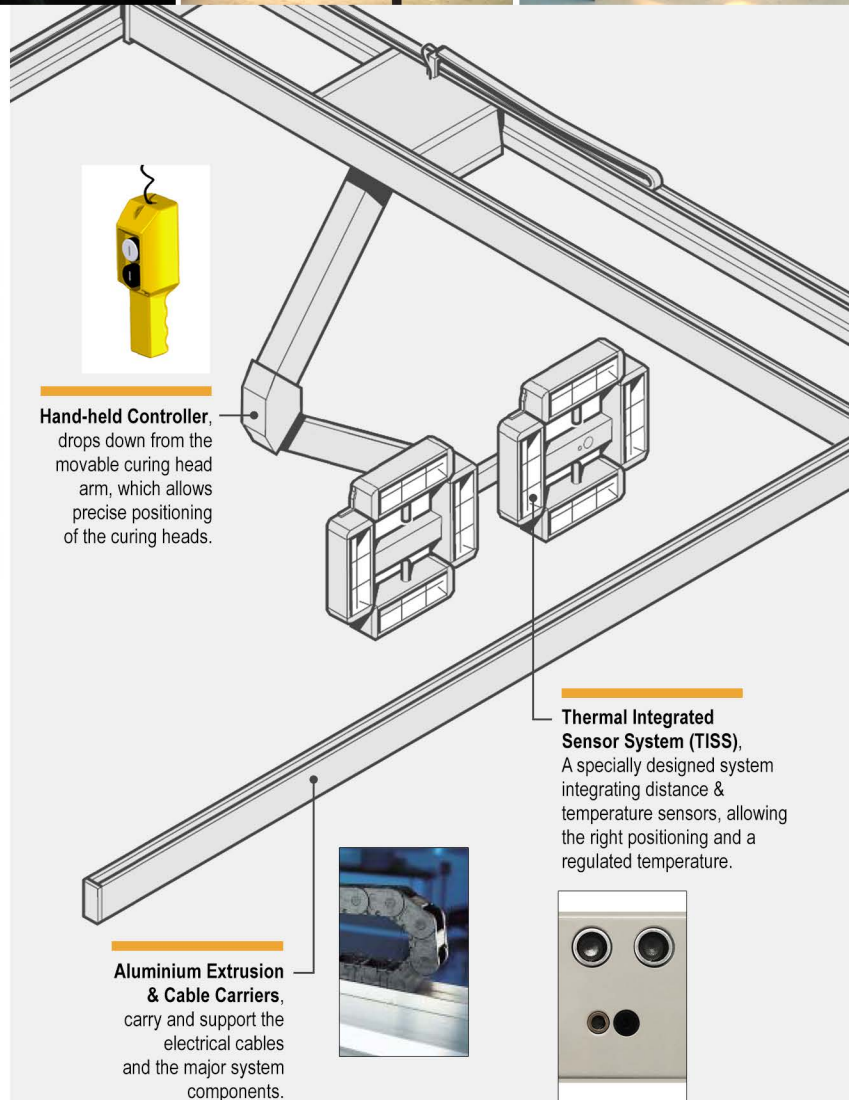
Track System for Industrial Applications

In close collaboration with the major car manufacturers, AMH Canada manufactures Track Systems specially designed for industrial applications.

Answer to all requirements and specifications needed to allow an efficient production.

Installation and structure adapted for specific work area.

Compliant with the most rigorous international standards.



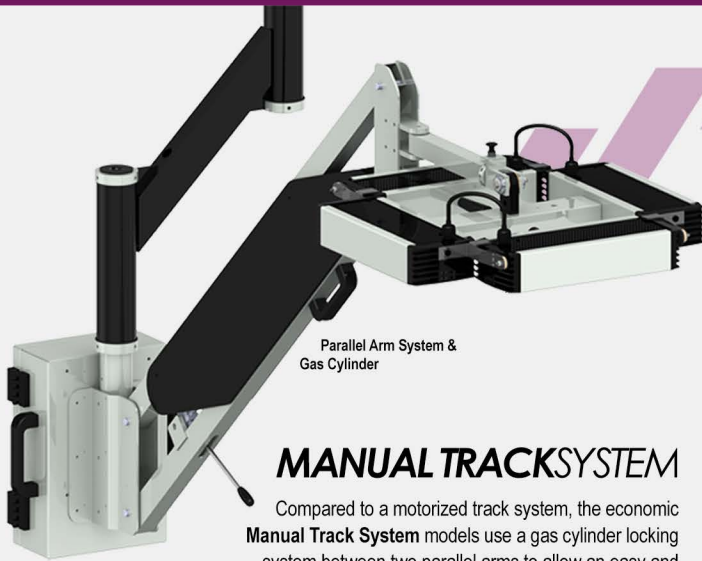
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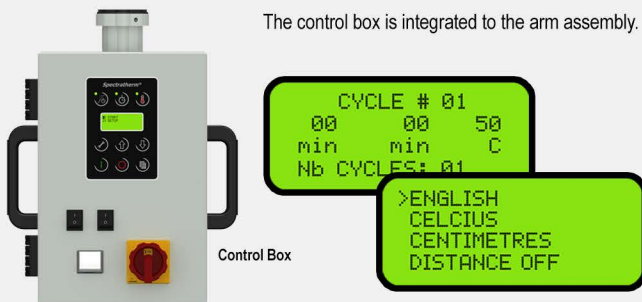
Infra-Red Curing Track System



MANUAL TRACKSYSTEM

Compared to a motorized track system, the economic **Manual Track System** models use a gas cylinder locking system between two parallel arms to allow an easy and effortless adjustment of the lamp unit level.

The control box is integrated to the arm assembly.



The head lamp can be easily positionned on any panel of the vehicle.



No. Reference

28.SPT3008TSML	Track System Manual, 6000W, 380V 3-Phase
28.SPT4004TSM	Track System Manual, 4000W, 380V 3-Phase
28.SPT4008TSML	Track System Manual, High Output 8000W, 380V 3-Phase
28.SPT8008TSML	Track System Manual, High Output 16000W, 380V 3-Phase



SPECTRATEK

The Spectratherm™ Overhead Track System

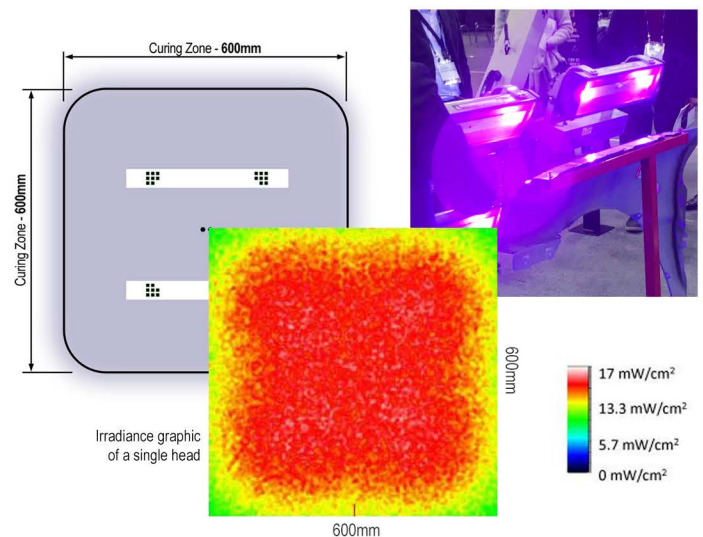
with High Performance UV LED allows the user to enjoy our state-of-the-art UV LED technology while maximizing vehicle throughput.

The SPECTRATEK UVLED TrackSystem is designed and manufactured with a double emitting head, equipped with an ultrasonic distance sensor, and suspended from an overhead track system, freeing up valuable floor space.

An easy glide bridge assembly makes positioning the curing heads, on any panel of a vehicle, effortless. There is no need to maneuver portable floor systems between tightly spaced vehicles, eliminating any fear of vehicle damage.

The innovative track design and its cable carrier allow the track system to span multiple bays, no more electric cables dragging along or cluttering up the floor. Various options are available, floor mount, ceiling mount or a combination of both.

- More evenly cured surface and stable hardening out depth up to 170um for customer satisfaction.
- Large, uniform curing area up to 1315mm x 600mm.
- High intensity curing up to 16mW/cm²



No. Reference

28.SPT500TUVL	Track System with UV LED double head, 380-415V 3-Phase
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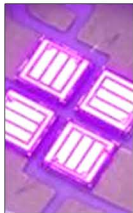
TRACKSYSTEM™ UVLED

3 different options available:

- Single UV LED emitting head
- Double UV LED emitting heads
- Hybrid head system (UV LED & Short Wave Infrared emitting heads)



Ultrasonic Distance Sensor, allowing a precise positioning of 300mm from the curing surface and assure the perfect set-up for optimal results.



High Performance UV LED units, emitting at 395nm and specially set to offer a uniform irradiance all over the curing surface. Pure UV-A. No harmful UV-B & UV-C.



Faster, safer, and more efficient than any other conventional UV curing system for automotive repair and industrial finishes.

The primary advantage of curing finishes with ultraviolet lies with the speed in which the final product can be readied for delivery.



Also available

TRACKSYSTEM™ HYBRID

The **TRACK SYSTEM** HYBRID model combines the Short wave Infrared & UV LED technologies.

The **TRACK SYSTEM** arm is equipped with Short Wave Infrared 4000S and UVTEK4000 head models. The lever system is motorized.



No. Reference

28.SPT4025TSD

Track System Hybrid, 380V, Infrared & UVLED



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BLUE

***PIPE BENDERS, PORTABLE PIPE EXPANDERS
& END FORMING EQUIPMENT***

BOY

AMH presents one of the broadest lines of bending, expanding, end forming and special accessories in the industry.

All tooling is manufactured from high grade, solid steel which is heat treated and ground for superior performance.

In addition to cataloged items, AMH has the ability to design and produce special tooling to meet virtually any requirement.



BLUE BOY Series

Portable Pipe Expanders

Hand Expander

Portable Car Exhaust Pipe Expander

The revolutionary tool that lets you replace only worn-out sections of an exhaust pipe. The portable Hand Expander does the work of four ordinary tools - cheaper, faster, better! Available in a 4 or 6 segment set.

- Light weight (only 4.5kg, 10 pounds).
- Compactly built and easy to operate.
- Fast (does the job in 15 seconds maximum).
- Easy to set size specification.
- Portable or bench mount.
- Eliminates need for welding.
- Gives a tight joint.

Expansion range: 1-1/2" to 3-1/2" I.D.

Required air pressure:
60 to 120 lb/sq.in. (psi)

Accuracy: Controlled to .005"



No. Reference

41.100.01.01	Hand expander with 4 segments
41.100.01.01S	Hand expander with 6 segments
41.100.01.04	Hand expander with 7 segments



Hand Expander Accessories



33SSS112	Slip segment set 1-1/2"	33SSS212	Slip segment set 2-1/2"
33SSS134	Slip segment set 1-3/4"	33SSS234	Slip segment set 2-3/4"
33SSS200	Slip segment set 2"	33SSS300	Slip segment set 3"
33SSS214	Slip segment set 2-1/4"	41.100.01.40	Arbor for hand expander

Truck Expander

Portable Truck Exhaust Pipe Expander

The ideal tool for replacing exhaust systems economically and efficiently. Increase productivity when replacing truck exhaust systems. Decrease assembly time with less welding. Replace only pipe or muffler parts defective. Quick and accurate expansion (approximately 15 seconds at most).

- Portable and easy to handle.
- Minimum maintenance.
- Interchangeable tools.

Expansion capacity:
from 3" I.D. to 6-1/8" O.D.

Required air pressure:
60 to 120 lb/sq.in. (psi)

Accuracy: Controlled to .005"



No. Reference

41.100.01.06	Complete Truck expander
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Truck Expander Accessories

33SSS312	Slip segment set 3-1/2"
33SSS400	Slip segment set 4"
33SSS500	Slip segment set 5"
41.100.01.59	Arbor for truck expander



Hand Expander Replacement parts

41.100.01.13	Hand Expander gun assembly
41.100.01.14	Hydraulic pump
41.100.01.34	10ft. hose



Large variety of O'ring kits for segments available
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Bender 153MSA

Deluxe Automatic Tube Bender

AMH's top-of-the-line fully automatic tube bender, designed for high-volume, high-profit operation. Rugged tubular steel frame and proven design stand up to the toughest jobs.

Equipped with two expanders, Hydra-Sizer and Swager, on separate hydraulic cylinders to let the operator maintain two different set-ups without changing tooling.

Hydra-sizing expander allows expanding closer to final bend. Expands accurately to specify field o.d. and i.d.

Gripper clamp expander eliminates tube slippage during and after expansion.

Depth of bend plate allows precise control of bend angle.

Synchronized back gates need less maintenance, make more uniform bends.

Back gate cylinder is bottom-mounted to eliminate interference with tubing.

Stronger frame than other benders for higher volume, larger tube diameters.

Finest quality hydraulics and electrics provide years of trouble free service.

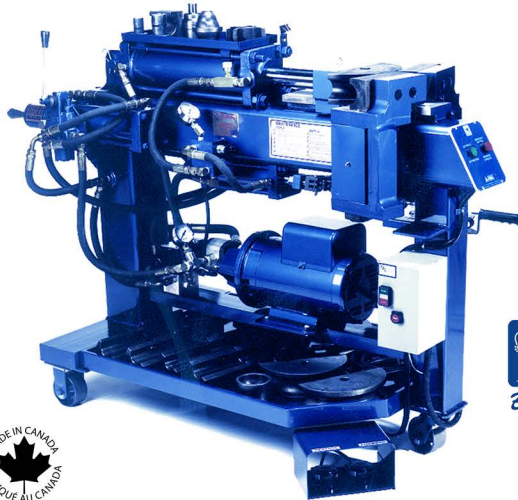
Motor or pump: 5-hp 3gpm; single or three phase.

Export: 50Hz, 3-phase avail.

Bending capacity: 3/4" - 3" (19mm - 76.2mm).

Swaging capacity: 3/4" - 3" (19mm - 76.2mm).

Hydra-Sizer capacity: 1-1/4" - 6" (31.8mm - 152.4mm).



No. Reference

28.100.00.05	Pipe bender 153MSA, 1 Phase
28.100.00.20	Pipe bender 153MSA, 3-Phase

End Forming Machine

The most versatile swaging machine for expanding, reducing and sizing.

- Easy to use.
- Build with hardened steel.
- Rapid die change.
- Smooth operation with automatic lubricating.
- Fast, efficient, accuracy.

A level of accuracy and versatility never reached before.

3 Models available:
SWE03, SWE04 and SWE05.



No. Reference

28.200.10.10	Swedger model SWE03 (5" cylinder), 600V 3-Phase
28.200.10.20	Swedger model SWE04 (6" cylinder), 600V 3-Phase
28.200.10.30	Swedger model SWE05 (8" cylinder), 600V 3-Phase



Doming Machine

The **Blue Boy** Doming Machine is designed for production operation in simultaneously swaging both ends on various lengths and diameters of glasspack muffler casings or similar tubing.



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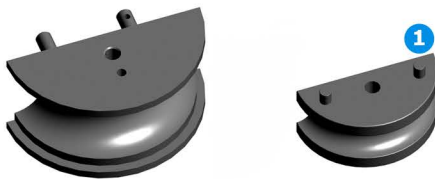
Bending and End Forming Tooling

AMH presents one of the broadest lines of bending, end forming and special accessories in the industry. All tooling is manufactured from high grade, solid steel which is heat treated and ground for superior performance.

In addition to catalogued items, AMH has the ability to design and produce special tooling to meet virtually any requirement.

1-Ram Dies*

No. Reference	
3535R112	R3.5" x 1-1/2" (R89mm x 38mm)
3535R134	R3.5" x 1-3/4" (R89mm x 44.5mm)
3535R200	R3.5" x 2" (R89mm x 51mm)
354R178	R4" x 1-1/8" (R102mm x 48mm)
354R200	R4" x 2" (R102mm x 51mm)
354R214	R4" x 2-1/4" (R102mm x 57mm)
355R200	R5" x 2" (R127mm x 51mm)
355R212	R5" x 2-1/2" (R127 x 63mm)
355R214	R5" x 2-1/4" (R127mm x 57mm)
355R234	R5" x 2-3/4" (R127 x 70mm)
355R300	R5" x 3" (R127mm x 76mm)



2-Back Shoes*

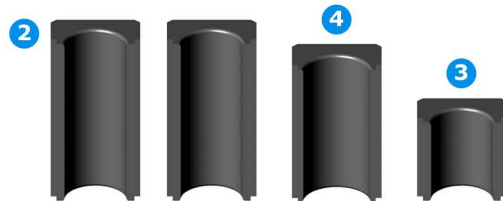
No. Reference	
35BS112	1-1/2" (38mm)
35BS134	1-3/4" (44.5mm)
35BS178	1-7/8" (47.6mm)
35BS200	2" (51mm)
35BS212	2-1/2" (63mm)
35BS214	2-1/4" (57mm)
35BS234	2-3/4" (70mm)
35BS300	3" (76mm)
35BS312	3-1/2" (89mm)

3-Half Shoes*

No. Reference	
35HS112	1-1/2" (38mm)
35HS134	1-3/4" (44.5mm)
35HS178	1-7/8" (48mm)
35HS200	2" (51mm)
35HS212	2-1/2" (63mm)
35HS214	2-1/4" (57mm)
35HS234	2-3/4" (70mm)
35HS300	3" (76mm)

4-Three Quarter Shoes*

No. Reference	
35TS200	2" (51mm)
35TS214	2-1/4" (57mm)



5-Ram Die Pin Clip

No. Reference	
35RDPI	Ram die pin clip

6-Die Pusher

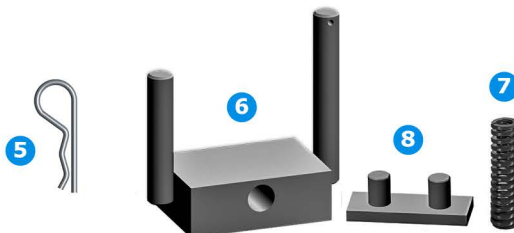
No. Reference	
35DP100	Die pusher 1" (25.4mm)

7-Die Pusher Spring

No. Reference	
35DP150	Die pusher spring (9-1208-21)

8-Retractor Bar

No. Reference	
35RB100	Retractor bar



*The tools listed above are the most common tools manufactured.

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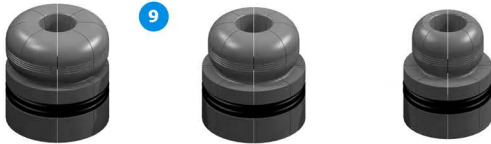
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Bending and End Forming Tooling

9-Ball Joint Segment Set*

No. Reference

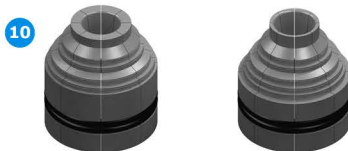
33BSS134	Ball joint segment set 1-3/4" (44.5mm)
33BSS200	Ball joint segment set 2" (51mm)
33BSS212	Ball joint segment set 2-1/2" (63.5mm)
33BSS214	Ball joint segment set 2-1/4" (57mm)
33BSS234	Ball joint segment set 2-3/4" (70mm)
33BSS300	Ball joint segment set 3" (76mm)
36HE03	Ball joint kit 2", 2-1/4", 2 1/2" (51mm, 57mm, 63.5mm)



10-Flare Segment Set*

No. Reference

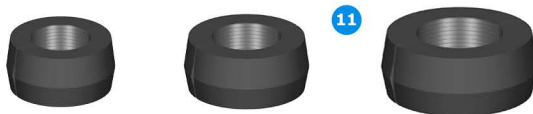
33FSS112	Flare segment set 1-1/2" (38mm)
33FSS134-214	Flare segment set 1-3/4", 2-1/4" (44.5mm, 57mm)
33FSS200-212	Flare segment set 2", 2-1/2" (51mm, 63.5mm)
33FSS300	Flare segment set 3" (76mm)
33FSS400	Flare segment set 4" (102mm)
36HE02	Flare kit 1-3/4", 2-1/4", 2", 2-1/2" (44.5mm, 57mm, 51mm, 63.5mm)



11-Gripper Adapter Collar*

No. Reference

34GAC34	Gripper adapter collar 3/4" (19mm)
34GAC100	Gripper adapter collar 1" (25.4mm)
34GAC112	Gripper adapter collar 1-1/2" (38.1mm)
34GAC114	Gripper adapter collar 1-1/4" (31.2mm)
34GAC118	Gripper adapter collar 1-1/8" (28.6mm)
34GAC12	Gripper adapter collar 1/2" (12.7mm)
34GAC134	Gripper adapter collar 1-3/4" (44.5mm)
34GAC138	Gripper adapter collar 1-3/8" (35mm)
34GAC158	Gripper adapter collar 1-5/8" (41.3mm)
34GAC178	Gripper adapter collar 1-7/8" (47.6mm)
34GAC200	Gripper adapter collar 2" (50.8mm)
34GAC212	Gripper adapter collar 2-1/2" (63.5mm)
34GAC214	Gripper adapter collar 2-1/4" (57mm)
34GAC218	Gripper adapter collar 2-1/8" (54mm)
34GAC234	Gripper adapter collar 2-3/4" (70mm)
34GAC238	Gripper adapter collar 2-3/8" (60.3mm)
34GAC300	Gripper adapter collar 3" (76.2mm)



12-Ball Male Expander Die

No. Reference

34BMED112	Ball male expander die 1" (25.4mm)
34BMED134	Ball male expander die 1-3/4" (44.5mm)
34BMED178	Ball male expander die 1-7/8" (47.6mm)
34BMED200	Ball male expander die 2" (50.8mm)
34BMED212	Ball male expander die 2-1/2" (63.5mm)
34BMED214	Ball male expander die 2-1/4" (57mm)
34BMED238	Ball male expander die 2-3/8" (35mm)
34BMED300	Ball male expander die 3" (76.2mm)
34QBMED134	Quick Ball male expander die 1-3/4" (44.5mm)
34QBMED200	Quick Ball male expander die 2" (50.8mm)
34QBMED212	Quick Ball male expander die 2-1/2" (63.5mm)
34QBMED214	Quick Ball male expander die 2-1/4" (57mm)



13-Ball Female Expander Die

No. Reference

34BFED134-200	Ball female expander die 1-3/4" to 2" (44.5 to 50.8mm)
34BFED134-212	Ball female expander die 1-3/4" to 2-1/2" (44.5 to 63.5mm)
34BFED234-300	Ball female expander die 2-3/4" to 3" (70 to 76.2mm)
34QBFEED300	Ball female expander die 3" Quick attach (76.2mm)
34QBFEED312	Ball female expander die 3-1/2" Quick attach (89mm)
34QBFEED400	Ball female expander die 4" Quick attach (101.6mm)
34QBFEED500	Ball female expander die 5" Quick attach (127mm)



14-Slip Segment Set*

No. Reference

33SSS112	Slip segment set 1-1/2" (38mm)
33SSS114	Slip segment set 1-1/4" (32mm)
33SSS134	Slip segment set 1-3/4" (44.5mm)
33SSS200	Slip segment set 2" (51mm)
33SSS212	Slip segment set 2-1/2" (63.5mm)
33SSS214	Slip segment set 2-1/4" (57mm)
33SSS234	Slip segment set 2-3/4" (70mm)
33SSS300	Slip segment set 3" (76mm)
33SSS312	Slip segment set 3-1/2" (89mm)
33SSS400	Slip segment set 4" (101.6mm)
33SSS412	Slip segment set 4-1/2" (114mm)
33SSS500	Slip segment set 5" (127mm)
33SSS512	Slip segment set 5-1/2" (140mm)
33SSS600	Slip segment set 6" (152.4mm)



*The tools listed above are the most common tools manufactured.

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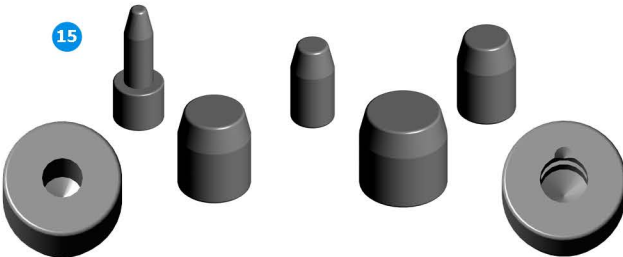
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Bending and End Forming Tooling

15-Expander Die*

No. Reference	
34ED12	Expander die 1/2" (12.7mm)
34ED34	Expander die 3/4" (19mm)
34ED100	Expander die 1" (25.4mm)
34ED112	Expander die 1-1/2" (38.1mm)
34ED114	Expander die 1-1/4" (31.2mm)
34ED118	Expander die 1-1/8" (28.6mm)
34ED134	Expander die 1-3/4" (44.5mm)
34ED138	Expander die 1-3/8" (35mm)
34ED158	Expander die 1-5/8" (41.3mm)
34ED178	Expander die 1-7/8" (47.6mm)
34ED200	Expander die 2" (50.8mm)
34ED212	Expander die 2-1/2" (63.5mm)
34ED214	Expander die 2-1/4" (57.2mm)
34ED218	Expander die 2-1/8" (54mm)
34ED234	Expander die 2-3/4" (69.9mm)
34ED238	Expander die 2-3/8" (60.3mm)
34ED300	Expander die 3" (76.2mm)
38ST1-14	Threaded stud 1-14NS X 2 1/2



Standard Expander dies

Quick Expander dies

34QED100	Quick expander die 1" (25.4mm)
34QED112	Quick expander die 1-1/2" (38.1mm)
34QED114	Quick expander die 1-1/4" (31.2mm)
34QED134	Quick expander die 1-3/4" (44.5mm)
34QED138	Quick expander die 1-3/8" (35mm)
34QED158	Quick expander die 1-5/8" (41.3mm)
34QED178	Quick expander die 1-7/8" (47.6mm)
34QED200	Quick expander die 2" (50.8mm)
34QED212	Quick expander die 2-1/2" (63.5mm)
34QED214	Quick expander die 2-1/4" (57.2mm)
34QED234	Quick expander die 2-3/4" (69.9mm)
34QED300	Quick expander die 3" (76.2mm)
34QED300S	Expander die 3" Quick attach (76.2mm)
34QED312S	Expander die 3-1/2" Quick attach (88.9mm)
34QED400S	Expander die 4" Quick attach (101.6mm)
34QED500S	Expander die 5" Quick attach (127mm)

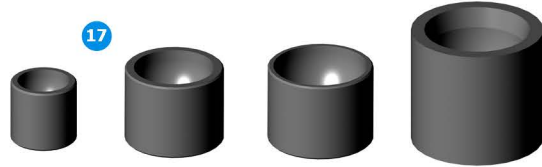
16-Head Pipe Flanging Tool

No. Reference	
34HPF1	Head pipe flanging tool



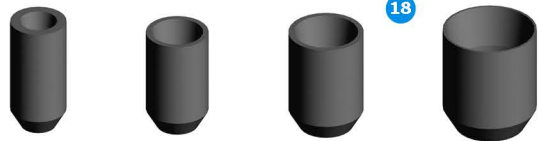
17-Doming Die*

No. Reference	
34DD134-212	Doming die 1-3/4" to 2-1/2" (44.5 to 63.5mm)
34DD300	Doming die 3" (76.2mm)
34DD312	Doming die 3-1/2" (88.9mm)
34DD400	Doming die 4" (101.6mm)



18-Reducing Tool*

No. Reference	
34RT100	Reducing tool 1" (25.4mm)
34RT112	Reducing tool 1-1/2" (38.1mm)
34RT114	Reducing tool 1-1/4" (31.2mm)
34RT134	Reducing tool 1-3/4" (44.5mm)
34RT138	Reducing tool 1-3/8" (34.5mm)
34RT158	Reducing tool 1-5/8" (41.3mm)
34RT178	Reducing tool 1-7/8" (47.6mm)
34RT200	Reducing tool 2" (50.8mm)
34RT212	Reducing tool 2-1/2" (63.5mm)
34RT214	Reducing tool 2-1/4" (57.2mm)
34RT234	Reducing tool 2-3/4" (69.9mm)
34RT300	Reducing tool 3" (76.2mm)



19-Segment Set "O" Rings*

No. Reference	
37ORHE01	O'Ring set including 12x OR119, OR122, OR128 and OR132
37ORHE02	O'Ring set including 6x OR223 and OR225
37ORHE03	O'Ring set of 1-1/2" to 3" (38 to 76mm)
37ORHE112	O'Ring set for Segment 1-1/2" (38mm)
37ORHE212	O'Ring set for Segment 2-1/2" (63.5mm)
37ORHE300	O'Ring set for Segment 3" (76mm)
37ORHE312	O'Ring set for Segment 3-1/2" (89mm)
37ORHE400	O'Ring set for Segment 4" (102mm)
37ORHE412	O'Ring set for Segment 4-1/2" (114mm)
37ORHE500	O'Ring set for Segment 5" (127mm)
37ORHE600	O'Ring set for Segment 6" (152mm)



*The tools listed above are the most common tools manufactured.

***Call us to order or for more information about other tools**

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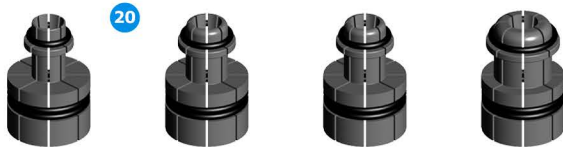
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Bending and End Forming Tooling

20-Inner Segment Set

No. Reference	
33ISS134	Inner segment set 1-3/4" (44.5mm)
33ISS200	Inner segment set 2" (50.8mm)
33ISS212	Inner segment set 2-1/2" (63.5mm)
33ISS214	Inner segment set 2-1/4" (57.2mm)



22-Hand Sizing Tool

No. Reference	
38HST1	Hand sizing tool



23-Micro-Dial Arbor

No. Reference	
33HSA114	Reducing tool 1-1/4" (31.2mm)
33HSA2	Reducing tool 2" (50.8mm)
41.100.01.40	Arbor Hand Expander
41.100.01.59	Arbor Truck Expander



24-Tube Cutter

No. Reference	
38TC30	Tube cutter No30



25-Tube Notcher

No. Reference	
38TNI	Tube notcher 1-1/2" to 2-1/2" (38.1mm to 63.5mm)
38TNI	Tube notcher 4", 5" and 6" (102mm, 127mm and 152mm)



Blue Boy



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ULTRA

SOLVENT RECYCLER & SPRAY GUN CLEANER

CLEAN

A complete line of Solvent Recyclers
and Spray Gun Cleaners environmentally
friendly for collision repair shops.



ULTRACLEAN Series

Solvent Recycler & Spray Gun Cleaner

ULTRACLEAN

AMH presents a complete line of Solvent Recyclers and Spray Gun Cleaners environmentally friendly for collision repair shops.

Companies use hazardous solvents to clean a variety of parts and equipment as well as spray guns used in auto body shops and specialized manufacturing. Water, waterborne cleaners and solvents are used in the spray gun cleaners to effectively clean paint from spray guns. Recyclers reclaim waterborne cleaners and solvents for reuse.

Collision repair shops buy our ULTRACLEAN recyclers to eliminate unnecessary costs for virgin cleaners and cost to dispose of used cleaners. With our ULTRACLEAN recycler waste hauled off site drops by 95% helping municipalities reach waste reduction goals.

Demand for ULTRACLEAN environmentally friendly products grows worldwide as users and regulatory bodies seek ways of minimizing the generation of hazardous waste.

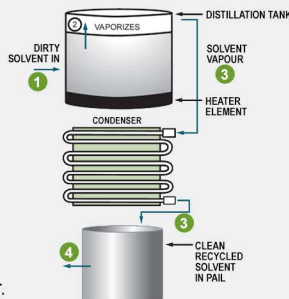
Solvent Recycler Serie

AMH solvent recyclers effectively reclaim used solvent by segregating the waste residue in a bag in the distillation tank. The clean, distilled solvent can be used over and over with virtually no loss of cleaning power. Typical solvents are paint thinner, gun wash solvent, acetone and MEK.

AMH recyclers feature fast cook times and easy to handle waste residue. Unique hardened aluminium tank construction provides excellent heat transfer.

A distillation process easy to use.

1. Transfer dirty solvent to the distillation tank of the recycler.
2. The heater vaporizes the solvent. Residue remains in a heat resistant liner bag in the tank.
3. Clean solvent vapor cools as it flows through the condenser to the clean solvent pail.
4. Transfer clean solvent from the recycler.



Ultraclean UCS500 & UCS600CE

Economic Solvent Recycler

A high performance solvent recycler.

5 Gallon recycler uses stainless steel construction.

Computer controls offer 6 temperature settings with automatic shut-off.

Tank Capacity: 5 US gal (20 L)

Speed: 5 US gal in about 4hrs

Solvent transfer: Manual transfer

Power Supply: 120V (UCS500), 240V (UCS600)

Heater: 1,500W

Dimensions: 17"x 17"x 42"

Display: LEDs indicate heating and cooling phase and any self diagnostics. Microprocessor controls work flow.



No. Reference

28.500.00.63	Ultraclean UCS500 (120V)
28.500.00.60	Ultraclean UCS600CE (240V)

Ultraclean UCS500EP2

Economic Solvent Recycler with auto transfer

A high performance solvent recycler with auto transfer of solvent to and from the recycler.

Tank Capacity: 5 US gal (20 L)

Speed: 5 US gal in about 4hrs

Solvent Transfer: Auto-transfer, In and Out

Air Pressure: 75-85 PSI, unit complete with pressure regulator and filter

Power Supply: 120V

Heater: 1,500W

Dimensions: 17"x 17"x 42"

Display: LEDs indicate heating and cooling phase and any self diagnostics. Microprocessor controls work flow.



No. Reference

28.500.00.64	Ultraclean UCS500EP2 with auto transfer (120V)
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USA Tel: (330) 519-5874

Solvent Recycler & Spray Gun Cleaner

Ultraclean UCS900

Advanced Solvent Recycler

An advanced solvent recycler with enhanced control and digital display

Tank Capacity:
5 US gal (20L)

Speed:
5 US gal in about 4-6hrs

Solvent Transfer:
Manual transfer

Power Supply: 200-240V

Heater: 2,100W

Dimensions:
28" x 17" x 43"



No. Reference

28.500.00.67

Ultraclean UCS900

Ultraclean UCS2000SS

Advanced Solvent Recycler with auto transfer & larger capacity

A high performance solvent recycler with enhanced control and digital display.

Tank Capacity: 20 US gal (80L), Stainless steel

Speed: 20 US gal in about 8-10hrs

Solvent Transfer: Auto transfer, in and out

Power Supply: 200-240V, 20A

Heater: 3,300W

Dimensions: 42" x 23" x 45"



Easy settings for:

- dryer waste residue.
- automatic or timed heater shut-off.
- maximum temperature set points in °F or °C.
- regulation of the rate of recycling using heating power percentage.



No. Reference

28.500.00.69

Ultraclean UCS2000SS

Ultraclean UCS900EP2

Advanced Solvent Recycler with auto transfer

An advanced solvent recycler with enhanced control and digital display & auto transfer of solvent to and from the recycler

Tank Capacity: 5 US gal (20L)

Speed: 5 US gal in about 4-6hrs

Solvent Transfer:
Auto-transfer, In and Out

Power Supply: 200-240V

Heater: 2,100W

Dimensions: 28" x 17" x 43"



No. Reference

28.500.00.66

Ultraclean UCS900EP2 with auto transfer

Safety Features

CONTROL SYSTEM: A sophisticated micro processor continuously monitors and controls the work flow. Self diagnostics.

SAFETY:

In conformity with UL Standard 2208 and CSA Standard 22.2 No.30 and 88.

For use in the non hazardous locations and hazardous location Class 1 Division 1; Group D. A facilities such as a Collision Repair Shop, by NEC, is a Class 1, Division 1 environment in the mixing room and Class 1, Division 2 in the shop.

AMH Recyclers are in conformity for use in such facilities. Popular models are CE and ATEX e II 2G Ex dib IIA TA approved.

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Spray Gun Cleaner Series

Spray gun cleaning is a necessity in paint workshops and garages that use spray guns frequently. AMH Spray Gun Cleaning Equipment easily removes paint from inside and outside of the spray guns and paint containers by high pressure water or solvent.

Water or Solvent used in the cleaning process can be reused until dirty, minimising costs of replacing the liquid each time the machine is used.

These spray gun cleaning machines are able to remove either **water-based** or **solvent-based paints** from spray guns.

AMH's Spray Gun Cleaners reduce solvent consumption and saves you money while helping to reduce the following:

Excessive pollution in your bodyshop environment.

Hazardous waste disposal problems and costs.

Irritating skin conditions caused by handling solvents.

Continuous solvent consumption and replacement costs.

Wasted time with manual cleaning.

Ultraclean UC2000D

**Economic Spray Gun Cleaner
for solventborne paints**

Same as UC110 except it cleans 2 paint guns and 2 pots using wash tinner.

No. of Swirl Action Jets: 14

UC2000DM also available includes Flow-through brush.

Tank Size:
17.25" x 1.5" x 14.25" (WDH)



No. Reference

28.500.00.43

Ultraclean UC2000D

Ultraclean UC110

**Economic Spray Gun Cleaner
for solventborne paints**

Cleans 1 paint gun and pot using wash tinner.

No pails included.

No. of Swirl Action Jets: 6

Tank Size:
17.25" x 1.5" x 14.25" (WDH)



No. Reference

28.500.00.42

Ultraclean UC110

Ultraclean UC4000D

**Automatic & Manual Spray Gun Cleaner
for solventborne paints**

Cleans 2 paint guns and 2 pots using wash tinner.

No. of Swirl Action Jets: 14

Automatic wash, air flush and clean-rinse cycle.

Manual cleaning using Flow-through Brush activated by "hands free" foot pedal.

Built-in automatic fume extraction.

Wash pail included, clean rinse pail not included.

Tank Size:
17.25" x 13.5" x 14.25" (WDH)



No. Reference

28.500.00.40

Ultraclean UC4000D

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Solvent Recycler & Spray Gun Cleaner

Ultraclean UC6000E

**Automatic & Manual Spray Gun Cleaner
for solventborne paints with larger cleaning tank**

Two gun cleaner with vent, larger tank, heavy-duty body,
enhanced manual cleaning.

Cleans 2 paint guns and 2 pots using wash tinner.

No. of Swirl Action Jets: 14

Automatic wash, air flush and clean-rinse cycle.

Enhanced manual cleaning using Flow-through Brush activated
by "hands free" foot pedal.

Built-in automatic fume extraction.

Wash pail included, clean rinse pail not included.

Tank Size: 20" x 17" x 14.25" (WDH)

18 Gauge polished stainless steel body.



No. Reference

28.500.00.45



Ultraclean UC6000E

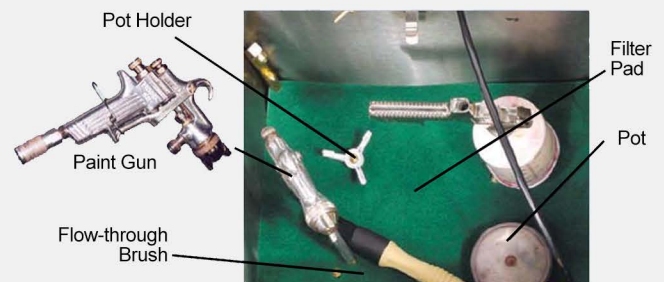
Health & Safety Benefits:

- Safety switch terminates cleaning cycle when lid is raised.
- Automatic cleaning is "Hand Free".
Operator has minimal exposure to solvent.
- The solvent pail is kept inside the cabinet.
- Most models have a built-in vent for automatic fume extraction.

Environmentally Friendly:

- Wash solvent is re-used until dirty.
- Dirty solvent can be recycled using one of AMH's family of Solvent Recyclers.

Stainless Steel Wash Tank (UC2000D & higher)



Getting ready for the next paint job is quick and easy

- 1 Load the Stainless Steel Tank with dirty guns and pots.
- 2 Activate the wash, simply by turning one timer. In under 60 seconds, your guns and pots are clean and ready for action.
Steams of solvent from jets and nozzles wash paint from the inside and outside of guns and pots.
- 3 Wash Solvent returns to Wash Pail for re-use.

On all models

Wash cycle is powered by heavy-duty dual DIAPHRAGM PUMP, complete with air pressure regulator.

CE approved and Factory Mutual.
(FM) approved on popular models.

Automatic shut off when lid is raised.

Cleaning tanks, suction pipe, delivery tubes
& rinse pump are constructed from corrosive
resistant stainless steel.

Polished stainless steel tank.



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Solvent Recycler & Spray Gun Cleaner

Ultraclean UC5000E

Automatic & Manual Spray Gun Cleaner for solventborne paints with double cleaning tank

Double tank model.

Cleans 2 paint guns and 2 pots in each tank.

Left tank: Automatic wash, clean rinse and air purge (same as UC4000E).

Right tank: Automatic wash and air purge (same as UC2000D).



No. Reference

28.500.00.44

Ultraclean UC5000E



Automatic Wash Tank

Ultraclean UC7500E

Top-of-the-line Automatic & Manual Spray Gun Cleaner for solventborne paints

Wash and rinse spray guns manually above large, conveniently located sink.

Manual wash with wash solvent using Flow through brush.

Clean-rinse guns using flexible spigot.

Control overhead venting with ON/OFF switch.

Cleans guns automatically in the stainless steel tank (left side) 17.25"x 13.5"x 15" (WDH).

"Combo Ready" (ready for connection to a AMH "EP2" Series Solvent Recycler).



No. Reference

28.500.00.46

Ultraclean UC7500E

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Solvent Recycler & Spray Gun Cleaner

Ultraclean UC120W

Automatic & Manual Spray Gun Cleaner for waterborne paints

Equipped with cleaning tools to manually clean spray guns with water.

Wash gun delivers high pressure water to clean the paint channel.

Flow-through brush removes paint from the outside of the gun.

Air gun dries the spray gun and a spray out verifies a clean paint channel.

The water recovery system features filtering after treatment with flocculating agent. Recovered clean water may be disposed of or reused, minimizing water consumption.



No. Reference

28.500.00.52

Ultraclean UC120W

Ultraclean UC7500W

Automatic Spray Gun Cleaner for waterborne paints

Automatic washing of waterborne spray guns and dedicated station to wash spray guns manually.

Painters that prefer automatic cleaning, select the UC7500W.

Spray guns are washed automatically using AMH's effective water cleaner, then rinsed with water and dried with air.

The cleaner is recycled using a AMH liquid recycler when dirty for continued use, minimizing consumption.



No. Reference

28.500.00.54

Ultraclean UC7500W

Ultraclean UC5000W

Automatic & Manual Spray Gun Cleaner for waterborne paints with double cleaning tank

Double tank model.

Features two cleaning tanks, one to clean waterborne spray guns manually and the other to clean solventborne spray guns automatically.

Waterborne side cleans guns manually using supplied ULTRACLEAN Concentrate.

Water is treated and filtered with supplied ULTRACLEAN Flocculant.



No. Reference

28.500.00.50

Ultraclean UC5000W

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Canada

Quebec

Timeline & history

Mexico

1992-1996

Creation, design & development of the **COMPUSPOT** product line with dent pullers and high-frequency spot welders.

1978

Establishment of the company **AMH Canada Ltd** at Rimouski (Qc) with the collaboration of AMH USA.

1984

Acquisition of **Controlled Systems®**, specialized in the manufacturing of welders.

1957

Creation of the product line **BLUEBOY** specialized in manufacturing of pipe benders, portable pipe expanders, and end forming equipment.

1953

Creation of the company **AMH** (American Machine Hydraulic Inc.) in California.

Future

2018

Design & development of the
SPECTRATEK InstaCure UVLED
a high-performance, hand-held, and
wireless UV LED curing lamp.



2015-2016

Design & development of the
SPECTRATEK UVLED curing lamps, using
high-performance UV LED technology.



2012

Inauguration of AMH factory
at LangFang (China).



2011-2012

Design & development of
SPECTRATEK UV product line
using UV HID light bulb technology.



2005

Creation of the division AMH China
with administrative office at Beijing to
deserve Asian market.



2001

Acquisition of **SPECTRATEK®**,
specialized in the process of paint
drying with short-wave Infrared
curing lamps.



www.amh.ca

AMH®





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China

Japan

New-Zealand

AMH[®] *Canada*

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