AMH CANADA LTD
MANUFACTURER OF:
- Resistance Spot Welders
- Synergic Mig Welders
- UV & Infra-Red Curing Systems
- Pipe bending & End Forming Equipment

PRODUCT CATALOGUE

A WORLD LEADER IN BODYPeurop EQUIPMENT
AMH Canada Ltd is a Canadian company established in Rimouski, Quebec since 1978 and founded in 1953.

The company consists of three 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, and Spectratek®, specialized in the process of paint drying with the infrared curing lamps and Ultraviolet curing lamps.

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.

A WORLD LEADER IN BODYSHOP

Copyright © 2016
Table of Contents

ADVANCED DENT PULLING SYSTEM AND MOBILE WORKBENCH 5
ALUMINIUM HAMMER & DOLLY KIT 7
RESISTANCE SPOT WELDER 8
SPOT WELD DRILL 15
PNEUMATIC & HYDRAULIC RIVET GUN 16
SYNERGIC MIG WELDER 19
INVERTER AIR PLASMA CUTTER 22
UV CURING SYSTEM 25
AIR DIFFUSER 31
INFRA-RED CURING SYSTEM 31
PIPE BENDING AND END FORMING EQUIPMENT 39
SOLVENT RECYCLER & SPRAY GUN CLEANER 43
SYNERGIC MIG WELDER ACCESSORIES 51
RESISTANCE SPOT WELDER ACCESSORIES 53
BENDING AND END FORMING TOOLING 62

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.
RESISTANCE SPOT WELDING MACHINES
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 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 cooper tip for high spot.

Easy access around vehicles.

Compact 11” x 11” x 6” (280 x 280 x 229 mm).

Light weight (only 48lbs, 22kg).

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

3,500W Output power

**No. Reference**

<table>
<thead>
<tr>
<th>Reference</th>
<th>Description</th>
<th>Model</th>
</tr>
</thead>
<tbody>
<tr>
<td>28 CPS161</td>
<td>Compuspot 160 DIGITAL 230-240V / 30A / 50-60Hz</td>
<td></td>
</tr>
<tr>
<td>28 CPS164</td>
<td>Compuspot 160 DIGITAL 380-415V / 20A / 50-60Hz</td>
<td></td>
</tr>
<tr>
<td>28 CPS164D</td>
<td>Compuspot 160 DUAL 380-415V / 20A / 50-60Hz</td>
<td></td>
</tr>
<tr>
<td>14 CS 03.30</td>
<td></td>
<td>Cart</td>
</tr>
</tbody>
</table>

---

**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:

- 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**

<table>
<thead>
<tr>
<th>Reference</th>
<th>Description</th>
<th>Model</th>
</tr>
</thead>
<tbody>
<tr>
<td>28 CPS165</td>
<td>Workbench Compuspot 160 DIGITAL AMERICAN</td>
<td></td>
</tr>
<tr>
<td>28 CPS165</td>
<td>Workbench Compuspot 160 DIGITAL EUROPEAN</td>
<td></td>
</tr>
</tbody>
</table>

See all the Compuspot welder accessories available from page 46 to 52.
**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:
$U_{\text{ac}}$, 20V, $U_{\text{ac}}$, 25V

---

**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 & dolly kit, Heat gun, and Infrared Laser Thermometer Sensor.

---

**No. Reference**

28 CPS/180  Compuspot 180AL
14 09 00 40  Cart

See all the Compuspot welder accessories available from page 45 to 52
**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 150 DUAL**

Advanced Dent Puller for Professional Autobody Work

Multifunctional steel dent puller with automatic & manual welding mode.
Digital display with keypad control of time and power, including welding mode and language selection.
Delivered with slide hammer & dent pulling accessories (stars washers, washers, wiggle wires).

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

**No. Reference**
28.CPS151D
28.CPS154D

**ALUMINIUM HAMMER & DOLLY KIT**

The Complementary Tools for Aluminium Repair

Polymer construction prevents further damage to aluminium panels.
Changeable hammer heads to accommodate any situation.
Insertable weights for precision force control.
Polymer dollys keep you protected against cross contamination of steel particles resulting in corrosion.
11 piece set of low impact tools specially designed for the collision repair of aluminium.
Durable molded composite components.

**3 Easy steps before manipulate:**

**Step 1:**
Unlock and remove the hammerhead by using the tool.

**Step 2:**
Insert the adequate weight module.

**Step 3:**
Retighten the hammerhead.

**No. Reference**
16.178.55.10

**Amplitude**

Advanced Quick Dent Pulling
**COMPUSPOT 325, 425 & 525**

**Multi-Function Compression Spot Welder**

Designed to reduce panel drilling, MIG weld plugging, and grinding to a minimum.

High welding current delivers superior performance on today’s sheet metals including galvanized and high-tensile steel. A variety of accessory electrode arms for the versatile pneumatic clamps can reach up to 90% of the automobile body.

Easily interchangeable electrodes provide single side spot welding for places without access to both sides of the panel. A full complement of dent pulling accessories and heat shrinking accessories is included.

Permanently attached air cooled welding cables provide maximum flexibility and increase shop productivity.

**Power supply requirement:**
208-240V (50A) or 380-415V (32A), single phase.

**Main frequency:** 50-60Hz.

**Max transformer current:**
- 11,000A (CPS525)
- 9,560A (CPS425)
- 7,500A (CPS325)

---

**COMPUSPOT 550**

**High performance compression spot welder**

Backlit LCD for clear readout of weld power and time plus diagnostics display. Four memory slots per weld function for storage of customized pre-sets.

Liquid cooled system.

**Power Supply Requirements:**

- **208-230V**
  - 50A Slow blow
  - 50-60Hz, 3-Phase

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

**Clamps options:**

- **C Clamp**
  - 360kN at 8bar (5400lbf at 115psi)

- **G Clamp**
  - 160kN at 8bar (3600lbf at 115psi)

**Welding current:**

- **11,000A MAXIMUM**

---

See all the Compuspot welder accessories available from page 45 to 52
**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
- 380-415V 32A Slow Blow
- 400-480V 40A Slow Blow

**Clamp options:**

- **C Clamp**
  - 550daN at 8.5 bar
  - (1,240 lbf at 125 psi)

- **G Clamp**
  - 490daN at 8.5 bar
  - (1,100 lbf at 125 psi)

**Welding current:**

- **11,500A MAXIMUM**

---

**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
- 380-415V 32A Slow Blow
- 440-480V 40A Slow Blow

**Clamp options:**

- **C Clamp**
  - 550daN at 8.5 bar
  - (1,240 lbf at 125 psi)

- **G Clamp**
  - 490daN at 8.5 bar
  - (1,100 lbf at 125 psi)

**Welding current:**

- **12,500A MAXIMUM**

---

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

Conform to CNOMO E34.12.100.N Standard

---

*See all the CompuSpot welder accessories available from page 46 to 52*
### COMPU-SLOT 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.

#### Power Supply Requirements:

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Clamps</th>
<th>Current</th>
</tr>
</thead>
<tbody>
<tr>
<td>208-230V</td>
<td>80A Slow Blow</td>
<td>50-60Hz, 3-Phase</td>
</tr>
<tr>
<td>380-415V</td>
<td>32A Slow Blow</td>
<td>50-60Hz, 3-Phase</td>
</tr>
<tr>
<td>440-480V</td>
<td>40A Slow Blow</td>
<td>50-60Hz, 3-Phase</td>
</tr>
</tbody>
</table>

#### 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**

---

### COMPU-SLOT 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:

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Clamps</th>
<th>Current</th>
</tr>
</thead>
<tbody>
<tr>
<td>208-230V</td>
<td>80A Slow Blow</td>
<td>50-60Hz, 3-Phase</td>
</tr>
<tr>
<td>380-415V</td>
<td>32A Slow Blow</td>
<td>50-60Hz, 3-Phase</td>
</tr>
<tr>
<td>440-480V</td>
<td>40A Slow Blow</td>
<td>50-60Hz, 3-Phase</td>
</tr>
</tbody>
</table>

#### Clamps Included:

- **C Clamp**: 550dan at 8,5bar (1,240lbf at 125psi)
- **G Clamp**: 1600dan at 8,5bar (3500lbf at 125psi)

#### Welding Current:

- **14,000A MAXIMUM**

---

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


---

No. Reference:

- 28.CPS800C: CPS800HF with C Clamp, 208-230V 3-Phase, 80A Slow blow
- 28.CPS800G: CPS800HF with C Clamp, 380-415V 3-Phase, 32A Slow blow
- 28.CPS800C: CPS800HF with C Clamp, 440-480V 3-Phase, 40A Slow blow
- 28.CPS800G: CPS800HF with G Clamp, 208-230V 3-Phase, 80A Slow blow
- 28.CPS800CHG: CPS800HF Max with C & G Clamp, 380-415V 3-Phase, 32A Slow blow

---

See all the CompuSpot welder accessories available from page 45 to 52.
AMH

Inverter Spot Welder

**COMPU SPOT 850 & 850 MAX**

Advanced Inverter Spot Welder

Welding today’s high strength dual phase and boron steels with up to 630 daN (1,420lb) 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:**

<table>
<thead>
<tr>
<th>Voltage Range</th>
<th>Current</th>
<th>Clamps Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>208-230V</td>
<td>80A</td>
<td>C Clamp (630daN at 8.5bar (1,420lb at 125psi))</td>
</tr>
<tr>
<td>380-415V</td>
<td>32A</td>
<td>G Clamp (550daN at 6.5bar (1,240lb at 125psi))</td>
</tr>
<tr>
<td>440-480V</td>
<td>40A</td>
<td>14,000A MAXIMUM</td>
</tr>
</tbody>
</table>

Welding current:

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

Conform to CNOMO E34.12.100.N Standard

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

---

See all the CompuSpot welder accessories available from page 46 to 52
AMH
Inverter Spot Welder

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 (1,385lbf) 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:

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Current</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>208-230V</td>
<td>80A</td>
<td>Slow Blow, 50-60Hz, 3-Phase</td>
</tr>
<tr>
<td>380-415V</td>
<td>32A</td>
<td>Slow Blow, 50-60Hz, 3-Phase</td>
</tr>
<tr>
<td>440-480V</td>
<td>40A</td>
<td>Slow Blow, 50-60Hz, 3-Phase</td>
</tr>
</tbody>
</table>

Clamp options:

<table>
<thead>
<tr>
<th>Clamp</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>C Clamp</td>
<td>630daN at 8.5bar (1,420lbsf at 125psi)</td>
</tr>
<tr>
<td>G Clamp</td>
<td>550daN at 8.5bar</td>
</tr>
</tbody>
</table>

Welding current: 14,000A MAXIMUM

The cables comply to Electromagnetic Field Exposure (EMF) 2013/59/UE directive
Conform to EN/ISO 12100.1 N Standard

Touch screen control panel with high resolution color (800x480px).

See all the CompusSpot welder accessories available from page 46 to 52
**COMPU SPOT 900 FUSION TG**

**Advanced Inverter Spot Welder with an integrated G clamp transformer**

The ideal answer for welding today's high strength, dual phase, and boron steels with up to 550 daN (1,300lb) tip pressure & 13,500 amps of welding current, with an integrated G clamp transformer.

- Automatic recognition of total sheet thickness (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.
- 7" touch screen control panel with high resolution color (800x480px).

**Power Supply Requirements:**

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Current</th>
<th>Frequency</th>
<th>Phase</th>
</tr>
</thead>
<tbody>
<tr>
<td>208-230V</td>
<td>80A Slow Blow</td>
<td>50-60Hz, 3-Phase</td>
<td></td>
</tr>
<tr>
<td>380-415V</td>
<td>32A Slow Blow</td>
<td>50-60Hz, 3-Phase</td>
<td></td>
</tr>
</tbody>
</table>

**Clamp options:**

- **G Clamp**
  - 580daN at 8.5Bar
  - (1,305lb at 125psi)

**Welding current:**

- **14,000A MAXIMUM**

EMF Cables conform to 2004/40/CE standard and pr EN50055 & 50445

**Available with a large variety of arms:**

See the references and details in the ACCESSORIES section of this catalogue.

**No. Reference**

- 28.CPS913TG: CPS900TG Fusion, 208-230V, 3-Phase, 80A Slow blow
- 28.CPS914TG: CPS900TG Fusion, 380-415V, 3-Phase, 32A Slow blow
**COMPU SPOT 1000 INDUSTRIAL**

Advanced Spot Welder Clamp for Industrial Applications

The solution for spot welding and the demands of mass production in the sheet metal & body-in-white industry.

- IGBT, transformer and electrode arms are water cooled.
- Ensured weld quality: Adaptive closed loop control systems effectively process highly-variegated material combinations (Dynamic Resistance).
- 6 programmable user levels.

**CompuSpot 1000 Specifications:**
- Clamping force: 1,150daN at 8 bar (2,540lbf at 115psi)
- Power supply requirements: 390-415V with 32A D curve protection
- Main frequency: 50-60Hz
- Max welding current: 15,000A

**Suspended Cabinet Specifications:**
- Main voltage: 400-500V 3-Phase
- Main frequency: 50-60Hz
- Dimensions (WxHxD): 575x565x250mm (23”x22”x10”)
- Weight: 30Kg (66lbs)

**Network System:**
- Automatic identification of connected welding to the control unit via Ethernet network.

---

No. Reference
26.CPS1000  CPS1000, 380-415V 3-Phase, 32A, Liquid cooled

---
**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.

**Technical Specifications:**
- Pressure: 6bar
- Pressure on drill bit: min. 240kg
- RPM free speed: 1000
- RPM under load: 780
- Air consumption: 175 l/min. / 6CFM
- Sound level: 82dBA
- Average bit life: 60-80 cuts on 60HRC (1000 cuts on standard sheet metal)

<table>
<thead>
<tr>
<th>Standard Kit (including plastic storage box)*</th>
<th>Ref: 16.178.05.01</th>
</tr>
</thead>
<tbody>
<tr>
<td>Qty</td>
<td>Description</td>
</tr>
<tr>
<td>1</td>
<td>CompuSpot Drill Unit</td>
</tr>
<tr>
<td>1</td>
<td>Drill Bit 8MM</td>
</tr>
<tr>
<td>1</td>
<td>Standard arm 2&quot; (51MM)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Deluxe kit (including plastic storage box)*</th>
<th>Ref: 16.178.05.06</th>
</tr>
</thead>
<tbody>
<tr>
<td>Qty</td>
<td>Description</td>
</tr>
<tr>
<td>1</td>
<td>CompuSpot Drill Unit</td>
</tr>
<tr>
<td>2</td>
<td>Drill Bit 8MM</td>
</tr>
<tr>
<td>1</td>
<td>Drill Bit 10MM</td>
</tr>
<tr>
<td>1</td>
<td>Standard arm 2&quot; (51MM)</td>
</tr>
<tr>
<td>1</td>
<td>Deep arm 5-1/2&quot; (140MM)</td>
</tr>
</tbody>
</table>

*Optional: Drill Bit 6MM (Reference 16.178.05.06)
**COMPUSPOT RG500**

Pneumatic & Hydraulic Rivet Gun

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

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

Can also be used for the rivet removal.

Does not generate heat. Does not damage or cause weakening of metal.

Types of compatible rivets: self-piercing and flow-form.

A joining force adjustable from 20 to 65kN (4,500 to 14,600lbf) depending on the rivet size.

---

**Other Technical Specifications:**

- Pneumatic pressure: 2.5-7 bar (36-100PSI)
- Hydraulic pressure: 250-700 bar (3,600-10,000PSI)
- Clamping force: 20-65kN (4,500-14,600lbf)
- Clamping Stroke: 25-4mm (1"
- Outside Diameter of the cylinder: 51mm (2"
- Cylinder Weight: 4-8kg (9-13lbs)
- Sound Level: 70db

---

**Available accessories for RG500**

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

  - **Tool Kit for Removing Self-Piercing Rivets from thin metal sheet**
    - Ref: 16.178.06.42
  - **Tool Kit for Removing Self-Piercing Rivets from thick metal sheet**
    - Ref: 16.178.06.43
  - **Tool Kit for Installing 3MM Self-Piercing Rivets**
    - Ref: 16.178.06.40
  - **Tool Kit for Installing 5MM Self-Piercing Rivets**
    - Ref: 16.178.06.41
  - **Tool Kit for Flow-Form Rivet Pre-drilling**
    - Ref: 16.178.06.44
  - **Tool Kit for Installing Flow-Form Rivets**
    - Ref: 16.178.06.45
  - **Adapter for Punch Tool**
    - Ref: 16.178.06.22
  - **46MM (1-1/2") C-Arm "Included"**
    - Ref: 16.178.06.04
  - **110MM (4-1/2") C-Arm "Optional"**
    - Ref: 16.178.06.06
  - **Wrench for Tools Installation**
    - Ref: 16.178.06.87
  - **Plastic Case for Accessories (accessories not included)**
    - Ref: 16.178.06.22
  - **240MM (8-1/2") C-Arm "Optional"**
    - Ref: 16.178.06.08
SYNERGIC MIG WELDING MACHINES
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 185**

Versatile synergic shop MIG for heavier work

A powerful machine at a reasonable price.

The UltraMig 185 produces less sparks and spatter because wire speed and power are perfectly synchronized. Damage to glass, painted surfaces, and upholstery is considerably reduced.

Capable of welding from 24 ga. To 3/8 inch steel. This machine is also suitable for MIG welding stainless steel and aluminum.

Designed for MIG weld from steel to aluminium.

Manual and Synergic control.

10’ torch cable and 25’ AC power cable.

**Power Supply Requirements:**

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

**Output Current:**

- **200A** Maximum Output

---

**ULTRAMIG 200**

Powerfull 100% microprocessor controlled synergic MIG

Designed to obtain optimum results in any welding application. No compromise on performance quality.

Ideal for MIG welding of steel, aluminium and stainless steel. Programmed for three wire sizes for steel or aluminium.

Synergic control on the handle allows precise adjustments while welding (patented).

Three welding modes: continuous, spot and stitch (standard).

Spool gun receptacle is already built in.

Patented "self-compensating" wire drive system adjusts for any wire size and prevents "bird nests.

**Power Supply Requirements:**

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

**Output Current:**

- **225A** Maximum Output

---

**Synergic Spool Gun**

Designed for aluminium or MIG brazing with synchronized thumb knob control of wire speed and voltage. 20’ torch cable standard. Includes spool of 3mm (.124) aluminum wire.

Runs wire sizes .8mm (.034) to 1.2mm (.045).

Use with UltraMig model 200 & 225.

No. Reference: 03.700.00.42

---

**Auto-darkening Electric Welding Helmet**

Adjustable shades 9 to 13. Variable sensitivity and delay.

No. Reference: 16.178.00.35

---

**No. Reference**

- 28.800.22.20 ULT200, 200-240V 1 Phase, 30A, 50-60Hz, 1 Connector
- 28.800.22.21 ULT200, 200-240V 1 Phase, 30A, 50-60Hz, 2 Connectors
- 28.800.22.30 ULT200, 380-415V 1 Phase, 20A, 50Hz, 1 Connector
- 28.800.22.31 ULT200, 380-415V 1 Phase, 20A, 50Hz, 2 Connectors
AMH

Synergic MIG Welder

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:

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Current</th>
<th>Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>200-240V</td>
<td>30A</td>
<td>50-60Hz</td>
</tr>
<tr>
<td></td>
<td>20A</td>
<td>50Hz</td>
</tr>
<tr>
<td>380-415V</td>
<td>20A</td>
<td>50Hz</td>
</tr>
<tr>
<td></td>
<td>Single Phase</td>
<td>Single Phase</td>
</tr>
</tbody>
</table>

Output Current: 225A MAXIMUM OUTPUT

ULTRAMIG 260 & 260A
Heavy duty synergic MIG series

Designed for optimum performance on both thin and thick material without sacrificing weld quality.

Three welding modes and four possible ranges.

Accommodates up to 30lb wire spool.

Durable MB25 synergic torch with 10' welding cable (15' optional).

Ultra fine tuning system for greater precision.

Ideal for MIG weld of steel, stainless steel, aluminium.

Synergic spool gun available.

ULTRAMIG 260A - Reverse polarity in MIG and STICK welding modes

Power Supply Requirements:

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Current</th>
<th>Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>208-230V</td>
<td>50A</td>
<td>50-60Hz</td>
</tr>
<tr>
<td></td>
<td>32A</td>
<td>50-60Hz</td>
</tr>
<tr>
<td>380-415V</td>
<td>20A</td>
<td>50Hz</td>
</tr>
<tr>
<td></td>
<td>Single Phase</td>
<td>Single Phase</td>
</tr>
</tbody>
</table>

Output Current: 300A MAXIMUM OUTPUT

No. Reference - UltraMig 260

<table>
<thead>
<tr>
<th>No. Reference</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>28.700.00.30</td>
<td>ULT260, 208-230V 1 Phase, 50A, 50-60Hz, 2 Wheel drive</td>
</tr>
<tr>
<td>28.700.00.45</td>
<td>ULT260, 380-415V 1 Phase, 32A, 50-60Hz, 2 Wheel drive</td>
</tr>
<tr>
<td>28.700.00.50</td>
<td>ULT260, 380-415V 1 Phase, 32A, 50-60Hz, 4 Wheel drive</td>
</tr>
</tbody>
</table>

No. Reference - UltraMig 260A

<table>
<thead>
<tr>
<th>No. Reference</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>28.700.01.05</td>
<td>ULT260A, 208-230V 1 Phase, 50A, 50-60Hz, Arc-Mig, 2 Wheel drive</td>
</tr>
<tr>
<td>28.700.01.06</td>
<td>ULT260A, 208-230V 1 Phase, 50A, 50-60Hz, 2 Connectors, 2 Wheel</td>
</tr>
<tr>
<td>28.700.00.50</td>
<td>ULT260A, 380-415V 1 Phase, 32A, 50-60Hz, 2 Wheel drive</td>
</tr>
</tbody>
</table>
ULTRA MIG PI250 & PI250D
Double Pulse Inverter MIG Welders

A powerful 250AMP synergic MIG welding machine utilizing the high frequency pulsed technology required by OEM’s for certified collision repair programs.

Design for a wide variety of applications including welding and brazing of aluminium, galvanized steel, stainless and high-strength steel.

Single (model PI250) or Double (model PI250D) connector for multiple applications.

Various welding packages available including:
- Standard MIG gun, Spool gun, and/or Push-pull gun.

Design Features & Benefits:
An easy use of keypad (control panel) for the selection of synergic pre-set welding programs and automated functions.

The control panel provides easy selection and adjustment of weld parameters: wire size, power, wire speed, arc length, and weld slope.

Heat and feed are perfectly synchronised in the synergic mode to produce a soft start, excellent penetration, and a smooth, uniform bead without spatter or burn back.

The 4 wheel drive systems deliver an even, trouble free wire feed.

Power Supply Requirements: 220V ± 10% Single phase 28A @ 220V, 30A @ 240V

Welding Current Range: 20-300A

Duty cycle: 200A @ 24V 100%, 250A @ 30V 60%

Various welding packages
The models come with one of the following packages.

| OPTION 1A | Includes UltraMig PI250 welder with 1 Standard MIG gun MB24 (10ft) |
| OPTION 1B | Includes UltraMig PI250 welder with 1 Standard MIG gun MB24 (10ft) & 1 Push-pull gun (20ft) |
| OPTION 2A | Includes UltraMig PI250D with 2 Standard MIG guns MB24 (10ft) |
| OPTION 2B | Includes UltraMig PI250D with 1 Standard MIG gun MB24 (10ft) & 1 Spool gun (20ft) |
| OPTION 2C | Includes UltraMig PI250D with 1 Standard MIG gun MB24 (10ft) & 1 Push-pull gun (20ft) |

No. Reference 268022.55 ULTP250, 220V, Single phase, 50-60Hz, OPTION 1A
268022.56 ULTP250, 220V, Single phase, 50-60Hz, OPTION 1B
268022.57 ULTP250D, 220V, Single phase, 50-60Hz, OPTION 2A
268022.58 ULTP250D, 220V, Single phase, 50-60Hz, OPTION 2B
268022.59 ULTP250D, 220V, Single phase, 50-60Hz, OPTION 2C
AMH
Synergic MIG Welder

ULTRAMIG 350 & 500 Inverter
Synergic MIG welder with Inverter Power Source
Digital control.
100% microprocessor control.
Three welding modes: continuous, spot and stitch (standard).
Synergic control for faster and easier set up.
Patented wire drive system. Four-Wheel dual drive or two-wheel single drive.
Ultra fine tuning system for greater precision.
Ideal for MIG weld of steel, stainless steel and aluminium.
Porta drive included.

ULTRAMIG 350 Specifications:
- 380-415V
- 25A, 50Hz, 3-Phase
- 350A MAXIMUM OUTPUT

ULTRAMIG 500 Specifications:
- 380-415V
- 40A, 50Hz, 3-Phase
- 500A MAXIMUM OUTPUT

ULTRACUT 40E
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 up to 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 life included.
Fan assisted air-cooling with temperature overload protection.
Comes with “Back Up Pack” of tips and nozzles.
Compact cabinet: 15x 6x 12" (371x 155x 295mm).
Lightweight (only 18lbs, 8kg).
Fully compliant with:
- EMC directive 73/23/EEC
- 89/336/EEC
- European Standard: EN/IEC60974-1

No. Reference
28.0C40E Plasma Cutter Inverter, 220V, 50-60Hz

No. Reference for accessories
- 19.707.00.020E Spare ceramic cup (diffuser)
- 05.707.00.40E Spare copper tip
- 16.707.00.04E Spare ceramic ring
- 04.707.00.04E Spare electrode

No. Reference
28.700.03.50 ULT350, 380-416V 3-Phase, 50Hz
28.700.05.50 ULT500, 380-416V 3-Phase, 50Hz
SPECTRA

UV CURING SYSTEMS
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

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 2400400
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

No. Reference
28.SPT400UV Spectratek 2400400, 400W, 230V 1 Phase, 50-60Hz

Spectratek 2400800
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)
60cm x 60cm (4,800cm²)

Power consumption: 800W

No. Reference
28.SPT800UV Spectratek 2400800, 800W, 230V 1 Phase, 50-60Hz
**Spectratek 3400800**
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

---

**Spectratek 34001600**
Quadrapule head UV curing lamp

A quadrapule 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 34001600, 1600W, 230V 1 Phase, 50-60Hz
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.
- Emits only UVA radiations (395nm). 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.
- All the models are equipped with a distance sensor and a digital control board.
- A lifetime of more than 35,000 hours.
- Each UV LED head lamp provides a uniform irradiation.

**Average Irradiance:** 13.0mW/cm²  
**Maximum Irradiance:** 16.5mW/cm²

**Spectratek UVTEK2000**  
Single UV LED Head Curing Lamp

An easy to use single UV LED head curing lamp for a large and uniform curing area.

- 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"")

**Total Power Consumption:** 350W

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

**No. Reference**  
26 SPT250UVL  Spectratek UVTEK2000, 350W, 230V 1 Phase, 50-60Hz

The digital control board allows the operator to adjust the curing parameters. The interface includes multiple language options.
**Spectratek UVTEK3000**
Single UV LED head curing lamp

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

Running cost lower than other conventional methods.

Locking rear casters.

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

Maximum Vertical Height: 1.8m (71")

**Total Power Consumption:** 350W

**Curing Area:**
- 24” x 24” (575in²)
- 60cm x 60cm (3,600cm²)

**No. Reference**
28.SPT1262VL
Spectratek UVTEK3000, 350W, 230V, 1 Phase, 50-60Hz

---

**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 the largest possible curing area.

Allows an access to all sides and top of the vehicle.

Running cost lower than other conventional methods.

Locking rear casters.

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

Maximum Vertical Height: 1.8m (71")

**Total Power Consumption:** 700W

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

**No. Reference**
28.SPT5000VL
Spectratek UVTEK4000, 700W, 230V, 1 Phase, 50-60Hz
SPECTRA

SHORT WAVE INFRA-RED CURING SYSTEMS
Many years of experience in the automotive paint field and a high level of technical expertise in Short wave IR 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.
**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 refinishing industry.  
Dry times as short as 5 minutes can be achieved.  

Hand-held Spectra-Jet  
Portable air diffuser for waterborne paint product

**No. Reference**  
26.SPT1500  
26.SPT1250  
26.SPT1525

**Spectratherm 1022**  
Hand-held Infrared curing lamp  
Designed for paint bodyshops demanding high quality and reliability.  
Cures on any substrate, putty or primer.  
Comfortable and safety handling of the lamp with two handles.  
Easy to operate with a simple ON/OFF switch.  
Uniform, focused cure area -  
No hot or cold spot.  

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

**Power consumption:** 1,000W

**No. Reference**  
26.SPT1002

---

**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.  

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

**Power consumption:** 1,000W

**No. Reference**  
26.SPT1000

---

**Spectratherm 1200**  
Infrared curing lamp with simple cassette  
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.  

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

**Power consumption:** 1,200W

**No. Reference**  
26.SPT1200  
26.SPT1202

---

See page 34 for replacement IR bulb light.
Spectratherm 2400
Double Head Infrared curing lamp

Double lamp array.
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.

**CURING AREA**
36” X 30” (1,080in²) 92cm x 76cm (6992cm²)

Power consumption: 2,400W

No. Reference
26.SPT2400
SPT2400, 2400W, 200-240V 1 Phase, 50-60Hz

See page 34 for replacement IR bulb light

Spectratherm 3400TL
Spectratek Telescopic 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 (TIDS).
Flexible settings possible & digital control.
Suitable for trucks and trailers. Cures until 4m height.

Power consumption: 3,400W

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.

No. Reference
26.SPT3400TL SPT3400TL, 3400W, 200-240V 1 Phase, 50-60Hz
26.SPT3400TL SPT3400TL, 3400W, 380-415V 3 Phase, 50-60Hz
26.SPT3400TLTLE SPT3400TLE, 3400W, 200-240V 1-Phase, 50-60Hz, Motorized

See page 34 for replacement IR bulb light

Spectratherm 2400SD
Double Head Infrared curing lamp digital

Double lamp array.
Cures on any substrate, putty or primer.
Optical measuring of distances.
Digital control.
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
26.SPT2400SD SPT2400SD, 2400W, 200-240V 1 Phase, 50-60Hz, Sensors, Digital

See page 34 for replacement IR bulb light
**Spectratherm 3400SD & 4000SD**

Spectrake 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.

Curing times reduced to less than 5 minutes.

Acoustic and optical measuring of distances.

Fully temperature controlled from start to finish.

Thermal Integrated Sensor System (TISS).

Flexible settings possible.

**CURING AREA**

39" X 39" (1,521m²)

1m x 1m (1m²)

**Efficient Lamp Units**

Lamp array are all positioned for absolutely uniform heat distribution over the largest curing area.

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

**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.

Also available with a laser beam projecting a circle of points, including a single point in the middle. The laser circle blinks until the distance is not reached.

The laser circle stops to blink and determine the exact zone where the temperature will be taken and controlled during the complete curing cycle.

**Digital Control and Display**

- Easy to use;
- Display different cycles setup;
- Display of the ramptime, curetime and temperature of each cycle;
- Option selection, as language or units of measurement;
- System memory.

**No. Reference SPECTRATHERM 3400SD**

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

**No. Reference SPECTRATHERM 4000SD**

- 28.SPT4000SD Spectratherm 4000SD, 4000W, 240V 1 Phase, Laser
- 28.SPT4000SDL Spectratherm 4000SD, 4000W, 240V 1 Phase, Laser
- 28.SPT4000DCH Spectratherm 4000SD, 8000W, 240V 1 Phase, High output
- 28.SPT4000DCH Spectratherm 4000SD, 4000W, 240V 1 Phase, Laser
- 28.SPT4000SDL Spectratherm 4000SD, 8000W, 380V 3-Phase, Laser
- 28.SPT4000SDL Spectratherm 4000SD, 8000W, 380V 3-Phase, Laser

See page 34 for replacement IR bulb light
**Spectratherm 8000SD**

**Spectratek Double Head Infrared Curing Lamp**

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

Temperature sensor.

Flexible settings possible. Easily movable 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.

---

**Replacement Infrared Bulb Lights**

**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 (300V)

**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)

---

**No. Reference**

- 28.SPT8000SD: Spectratherm 8000SD, 8000W, 240V, 1 Phase
- 28.SPT8020SD: Spectratherm 8000SD, 8000W, 220V, 3 Phase
- 28.SPT8030SD: Spectratherm 8000SD, 8000W, 300V, 3 Phase
- 28.SPT8040SD: Spectratherm 8000SD, 8000W, 300V, 3 Phase, 4 weeks
SPECTRATEK TRACK SYSTEM™

The Spectrathe rm™ 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 (TSS) 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:
Spectrathe rm™4000TS & 4000TSHO
Spectrathe rm™8000TS & 8000TSHO
Spectrathe rm™3000TS, 4000TS & 8000TS
Spectrathe rm™16000TS & Spectrathe rm™2000TS
Spectrathe rm™ Hybrid UV & IR Track System
and other custom models.

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:

<table>
<thead>
<tr>
<th>Model 3000</th>
<th>Model 4000</th>
<th>Model 8000</th>
<th>Model 16000</th>
</tr>
</thead>
<tbody>
<tr>
<td>85 x 90 cm (7,860 cm²)</td>
<td>100 x 100 cm (10,000 cm²)</td>
<td>100 x 200 cm (20,000 cm²)</td>
<td>200 x 200 cm (40,000 cm²)</td>
</tr>
</tbody>
</table>

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

*Call us to order or for more informations about our Track System models
SHORT WAVE INFRARED CURING

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

AMH Canada offers to customers a large variety of options:
- Length of the rails and the bridge can be machined to specific dimensions.
- Possibility of multiple bridges.
- 2-arms or 3-arms models.
- Motorized or manual lever system.
- The control box can be located at various positions.
- High output models with 2,000W IR light tube.
- Laser beam integrated to the Thermal Integrated Sensor System (TISS).
- and more.

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.

Manual Track System

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.

The control box is integrated to the arm assembly.

The head lamp can be easily positioned on any panel of the vehicle.
PIPE BENDING & END FORMING EQUIPMENT
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 cataloged items, AMH has the ability to design and produce special tooling to meet virtually any requirement.
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"

See page 53 to 66 for the complete and detailed line of hand expander tools.

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

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"
**Bender 133MSA**

*Automatic Tube Bender*

AMH's fully automatic and remote foot controlled Blue Boy Pipe Bender Model 133MSA is a Two-Way Expander with Gripper Clamp for maximum versatility.

Designed to provide swaging and hydra-sizing in a single unit. The rugged Blue Boy steel frame and finest quality hydraulics and electronics provide years of trouble free service.

Automatic control is recessed, uses 24-volt system for more safety.

3-inch bending capability.

Depth of bend plate allows precise control of bend angle.

Motor available in single or three phase.

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

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

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" - 3" (31.8mm - 76.2mm).

---

**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 charging 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 electronics 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**

28.100.00.10  Pipe bender 133MSA, 1 Phase
28.100.00.15  Pipe bender 133MSA, 3-Phase
28.100.00.05  Pipe bender 153MSA, 1 Phase
28.100.00.20  Pipe bender 153MSA, 3-Phase
SOLVENT RECYCLER & SPRAY GUN CLEANER
CLean

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

ULTRA CLEAN Series
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.
**Ultragreen UCS900**  
**Advanced Solvent Recycler**

- 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”

**Ultragreen UCS2000**  
**Advanced Solvent Recycler with auto transfer & larger capacity**

- 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”

**Safety Features**

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

**SAFETY:**
Certified to 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. 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 approved for use in such facilities. Popular models are CE and ATEX e II 2G Ex db IIA TA approved.
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, minimizing 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 UC110
Economic Spray Gun Cleaner for solventborne paints

Cleans 1 paint gun and pot using wash timer.

No pails included.

No. of Swirl Action Jets: 6

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

Economic Model
UC110

Ultraclean UC2000D
Economic Spray Gun Cleaner for solventborne paints

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

No. of Swirl Action Jets: 14

UC2000DM also available includes Flow-through brush.

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

Economic Model
UC2000D

Ultraclean UC4000D
Automatic & Manual Spray Gun Cleaner for solventborne paints

Cleans 2 paint guns and 2 pots using wash timer.

No. of Swirl Action Jets: 14

Automatic wash, air flush and clean-rinse cycle.


Built-in automatic fume extraction.

Wash pail included, clean-rinse pail not included.

Tank Size:
17.25” x 13.5” x 14.26” (WDH)

Model UC4000D
Ultraclean UC6000D
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 timer.

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.

Health & Safety Benefits:

- CE Certified and popular models are UL approved.
  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.
   Steam 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.
**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).

**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” (WxH).
- “Combo Ready” (ready for connection to an AMH “EP2” Series Solvent Recycler).
**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.

Flowthrough brush removes paint from the outside of the gun.

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

The GREEN Water Recovery System features filtering after treatment with flocculating agent, COAG-KLEEN FP. Recovered clean water may be disposed of or reused, minimizing water consumption.

**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, AQUA-KLEENER PGC then rinsed with water and dried with air.

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

**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 Aqua Kleen Concentrate.

Water is treated and filtered with supplied CO-AG Flocculant.

COAG-KLEEN FP, flocculant, removes the absorbed waste paint solids from water that has been used to clean spray guns. The clean recovered water can be reused several times before disposal. The separated paint waste, when dry, is then disposed of in accordance with local regulations.

AQUA-KLEENER PGC is used with a manual or automatic spray gun cleaner to effectively wash waterborne paint from spray guns.
ACCESS

A FULL LINE OF ACCESSORY ITEMS FOR AMH'S PRODUCTS.
The full line of accessories for:
Advanced Quick Dent Puller
Resistance Spot Welder
Synergic MIG Welder
Pipe Bending & End Forming Equipment
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>16.176.00.05</td>
<td>Welding steel wire: .023, 2lbs (0.9kg)</td>
<td></td>
</tr>
<tr>
<td>16.176.00.10</td>
<td>Welding steel wire: .023, 11lbs (5kg)</td>
<td></td>
</tr>
<tr>
<td>16.176.00.15</td>
<td>Welding steel wire: .024, 44lbs (20kg)</td>
<td></td>
</tr>
<tr>
<td>16.176.01.05</td>
<td>Welding steel wire: .030, 2lbs (0.9kg)</td>
<td></td>
</tr>
<tr>
<td>16.176.01.10</td>
<td>Welding steel wire: .030, 10lbs (4.5kg)</td>
<td></td>
</tr>
<tr>
<td>16.176.01.15</td>
<td>Welding steel wire: .035, 10lbs (4.5kg)</td>
<td></td>
</tr>
<tr>
<td>16.176.02.10</td>
<td>Welding steel wire: .035, 10lbs (4.5kg)</td>
<td></td>
</tr>
<tr>
<td>16.176.02.15</td>
<td>Welding steel wire: .035, 44lbs (20kg)</td>
<td></td>
</tr>
<tr>
<td>10.176.11.01</td>
<td>Welding aluminium wire: .030, 1lb (0.45kg)</td>
<td></td>
</tr>
<tr>
<td>10.176.12.01</td>
<td>Welding aluminium wire: .035, 1lb (0.45kg)</td>
<td></td>
</tr>
<tr>
<td>10.176.12.05</td>
<td>Welding aluminium wire: .024, 1lb (0.45kg)</td>
<td></td>
</tr>
<tr>
<td>10.176.12.10</td>
<td>Welding aluminium wire: .035, 1lb (0.45kg)</td>
<td></td>
</tr>
<tr>
<td>10.176.12.15</td>
<td>Spool aluminium wire: .035, 1lb (0.45kg)</td>
<td></td>
</tr>
<tr>
<td>10.176.12.10</td>
<td>Welding aluminium wire: .035, 11lbs (5kg)</td>
<td></td>
</tr>
<tr>
<td>16.176.13.05</td>
<td>Welding aluminium wire: .040, 1lb (0.45kg)</td>
<td></td>
</tr>
<tr>
<td>16.176.14.05</td>
<td>Welding aluminium wire: .045, 16lbs (7kg)</td>
<td></td>
</tr>
<tr>
<td>16.175.40.05</td>
<td>Welding bronze wire: .024, 2lbs (0.9kg)</td>
<td></td>
</tr>
<tr>
<td>16.178.40.10</td>
<td>Welding bronze wire: .024, 10lbs (4.5kg)</td>
<td></td>
</tr>
<tr>
<td>16.178.41.05</td>
<td>Welding bronze wire: .030, 2lbs (0.9kg)</td>
<td></td>
</tr>
<tr>
<td>16.178.41.10</td>
<td>Welding bronze wire: .030, 10lbs (4.5kg)</td>
<td></td>
</tr>
<tr>
<td>16.178.42.10</td>
<td>Welding bronze wire: .035, 10lbs (4.5kg)</td>
<td></td>
</tr>
<tr>
<td>18.115.00.10</td>
<td>Ground clamp 200AMPS</td>
<td></td>
</tr>
<tr>
<td>18.115.00.15</td>
<td>Ground clamp 350AMPS</td>
<td></td>
</tr>
<tr>
<td>06.208.08.20</td>
<td>Teflon liner .024, .030, .035</td>
<td></td>
</tr>
<tr>
<td>06.208.02.10</td>
<td>Steel liner MB14 .024, .030, .035</td>
<td></td>
</tr>
<tr>
<td>02.205.08.61</td>
<td>Teflon guide tube</td>
<td></td>
</tr>
<tr>
<td>02.205.08.55</td>
<td>Guide tube 2-11/16&quot;</td>
<td></td>
</tr>
<tr>
<td>02.205.08.56</td>
<td>Guide tube 2-7/8&quot;</td>
<td></td>
</tr>
<tr>
<td>18.114.00.35</td>
<td>Quick coupler male</td>
<td></td>
</tr>
<tr>
<td>18.114.00.30</td>
<td>Quick coupler female</td>
<td></td>
</tr>
<tr>
<td>02.800.00.05</td>
<td>Gun adaptor (Euro)</td>
<td></td>
</tr>
<tr>
<td>09.125.05.25</td>
<td>Gun adaptor plastic only (Euro)</td>
<td></td>
</tr>
<tr>
<td>03.700.00.52</td>
<td>Push-pull gun (26ft)</td>
<td></td>
</tr>
<tr>
<td>16.178.00.40</td>
<td>Gas regulator argon - CO2</td>
<td></td>
</tr>
<tr>
<td>16.178.00.30</td>
<td>Welding helmet</td>
<td></td>
</tr>
<tr>
<td>16.178.00.35</td>
<td>Auto-darkening welding helmet</td>
<td></td>
</tr>
<tr>
<td>03.700.00.42</td>
<td>Spool gun (20ft)</td>
<td></td>
</tr>
<tr>
<td>04.204.71.01</td>
<td>Welding tip .030</td>
<td></td>
</tr>
<tr>
<td>04.204.73.01</td>
<td>Welding tip .040</td>
<td></td>
</tr>
<tr>
<td>03.700.00.52</td>
<td>Push-pull gun (26ft)</td>
<td></td>
</tr>
</tbody>
</table>

Drive rollers assy

Gun adaptor (Euro)

Gun adaptor plastic only (Euro)
Compuspot 160 Welder & Workbench

- 04.PS.15.05 Washer tip
- 04.PS.15.10 Shrinking tip
- 04.PS.15.15 Half moon tip (slic and wiggle wire)
- 04.PS.15.18 Single spot tip
- 04.PS.15.20 Molding clip tip
- 04.PS.15.25 Long stud tip (nails)
- 04.PS.15.30 Wiggle wire tip
- 02.205.01.60 Carbon rod
- 04.PS.20.36 Adapter holder for carbon rod
- 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.PS.10.31 Hook mandrel for washer pulling
- 13.PS.10.45 Ground plate holder
- 13.PS.10.55 Handle for bear claw
- 13.155.00.36 Stars (Pkt 10)
- 13.155.30.07 Standard hand lifter for CPS160
**AMH**

**Resistance Spot Welder Accessories**

**Compuspot 160 Welder**

- 16.178.00.67 Nails (Pkt 100)
- 16.178.00.71 Rivets (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)
- 13.155.10.78 Wiggle wire (Pkt 1/2lb)
- 13.155.10.76 Wiggle wire (Pkt 1lb)
- 13.155.30.23 Automatic spot pulling gun

**Accessories for Compuspot 160 & 180AL**

- 13.155.10.42 2 Finger bear claw
- 13.155.10.46 5 Finger bear claw
- 13.155.10.62 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
Compuspot 180AL Welder & AlumaTech Workbench

- 13.155.30.05 Standard Hand lifter for CPS180AL
- 04.PS.18.04 Stud holder 4mm
- 04.PS.19.05 Stud holder 5mm
- 04.PS.19.06 Stud holder 6mm
- 08.175.00.54 Puller mandrel 4mm
- 08.175.00.55 Puller mandrel 5mm
- 08.175.00.56 Puller mandrel 6mm
- 16.178.05.10 Aluminium hammer & Dolly kit
- 16.178.05.25 Infrared laser thermometer sensor
- 16.178.05.18 Safety goggles
- 16.178.01.24 Threaded pulling studs M4x15 (Pkt 200)
- 16.178.01.25 Threaded pulling studs M5x15 (Pkt 200)
- 16.250.00.10 Stainless steel brush
- 16.178.05.20 Heat gun
- 01.PS.04.10 Aluminium stud welding gun for CPS180AL with integrated ground system
- 01.PS.04.00 Ground clamps for CPS180AL
Accessories for Compuspot 325 to 900

- 04 PS.20.05: Standard tip
- 04 PS.20.10: Rivet tip
- 04 PS.20.15: Nail tip
- 04 PS.20.20: Washer tip
- 04 PS.20.25: Gutter rail tip
- 04 PS.20.30: Shrinking tip
- 04 PS.20.31: M6 Stud tip
- 04 PS.20.32: M6 Nut tip
- 04 PS.20.33: Adapter
- 04 PS.15.15: Fan shape tip
- 04 PS.15.30: Wiggle wire tip
- 02 208.01.60: Carbon rod
- 04 PS.10.21: Slide hammer
- 13 PS.10.28: Slide hammer
- 13.155.00.36: Stars (Pkt 10)
- 13.155.10.46: 5 Finger bear claw
- 13.155.10.50: 8 Finger bear claw
- 13 PS.10.45: Ground plate holder
- 13.155.10.76: Wiggle wire (16 GA Pkt 1lb)
- 13.155.10.77: Wiggle wire (16 GA Pkt 5 LBS)
- 13.155.10.78: Wiggle wire (16 GA Pkt 1/2lb)
**Accessories for Compuspot 325 to 900**

- 16.178.00.67 Nails (Pkt 100)
- 16.178.00.71 Rivets (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)

**Electrodes for C Clamp 180daN (Air Cooling)**

- 13.PS.10.96 C Clamp 180daN (air cooling)

**Electrodes**

- 04.PS.70.15 150mm Straight electrodes
- 04.PS.70.16 150mm Angled electrodes
- 04.PS.70.17 160mm Fender electrodes
- 04.PS.70.20 200mm Flat electrodes
- 04.PS.70.24 240mm Straight electrodes
- 04.PS.70.25 250mm Angled electrodes
- 04.PS.70.38 380mm Offset electrodes
- 04.PS.70.39 380mm Offset electrodes (2)

**Accessories & consumables storing case**

Accessories & consumables not included
Arms & Electrodes for G Clamp 160daN (Air Cooling)

13.PS.10.86
G Clamp 160daN (Air cooling)

13.PS.10.61
254mm arm

13.PS.10.62
380mm arm

13.PS.10.64
G Clamp adapter

04.PS.38.15
Offset electrode

Arms & Electrodes for G Clamp 450daN

13.PS.11.65
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)
Arms for C Clamp 550daN

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

470mm Full offset arms kit
Ref: 04.PS.80.41
Electrode Cap
Ref: 04.PS.13.10

330mm 1/2 Offset arm
Ref: 04.PS.80.32
Electrode Cap
Ref: 04.PS.13.10

470mm Straight arms kit
Ref: 04.PS.80.47
Electrode Cap
Ref: 04.PS.13.10

330mm Dog noze arms kit
Ref: 04.PS.80.94
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
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.

**STEP 1**
Insert the arm pins in the clamp tracks.

**STEP 2**
Guide the arm pins through the tracks by lightly rotating the arm in the horizontal position.

**STEP 3**
Completely push the arm to connect the fittings into the arm connectors and lock it with the push-button.

---

**Fender electrode set**
Ref: 04.PS.90.10

**120mm Straight arms set**
Ref: 04.PS.90.12

**200mm U arm**
Ref: 04.PS.90.20

**300mm U arm**
Ref: 04.PS.90.30

---

Electrode Cap
Ref: 04.PS.13.10

---

Fittings & Connectors
Push-button

---
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
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*

<table>
<thead>
<tr>
<th>No. Reference</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>5550112</td>
<td>2-3/4&quot; x 1-1/2&quot; (69mm x 38mm)</td>
</tr>
<tr>
<td>5550134</td>
<td>2-3/4&quot; x 1-1/2&quot; (69mm x 38mm)</td>
</tr>
<tr>
<td>5550200</td>
<td>2-3/4&quot; x 2&quot; (69mm x 51mm)</td>
</tr>
<tr>
<td>5550178</td>
<td>4-1/2&quot; x 1-1/2&quot; (110mm x 38mm)</td>
</tr>
<tr>
<td>5550200</td>
<td>4-1/2&quot; x 2&quot; (110mm x 51mm)</td>
</tr>
<tr>
<td>5550212</td>
<td>4-1/2&quot; x 2-1/2&quot; (110mm x 64mm)</td>
</tr>
<tr>
<td>5550214</td>
<td>6-1/2&quot; x 2-1/2&quot; (165mm x 64mm)</td>
</tr>
<tr>
<td>5550300</td>
<td>6-1/2&quot; x 3&quot; (165mm x 76mm)</td>
</tr>
</tbody>
</table>

### 2-Back Shoes*

<table>
<thead>
<tr>
<th>No. Reference</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>5589112</td>
<td>1-1/2&quot; (38mm)</td>
</tr>
<tr>
<td>5589134</td>
<td>1-3/4&quot; (44.5mm)</td>
</tr>
<tr>
<td>5589178</td>
<td>1-3/4&quot; (44.5mm)</td>
</tr>
<tr>
<td>5589200</td>
<td>2&quot; (51mm)</td>
</tr>
<tr>
<td>5589212</td>
<td>2-1/2&quot; (63mm)</td>
</tr>
<tr>
<td>5589214</td>
<td>2-1/4&quot; (57mm)</td>
</tr>
<tr>
<td>5589294</td>
<td>2-1/4&quot; (57mm)</td>
</tr>
<tr>
<td>5589300</td>
<td>3&quot; (76mm)</td>
</tr>
<tr>
<td>5589312</td>
<td>3-1/2&quot; (89mm)</td>
</tr>
</tbody>
</table>

### 3-Half Shoes*

<table>
<thead>
<tr>
<th>No. Reference</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>5566134</td>
<td>1-1/2&quot; (38mm)</td>
</tr>
<tr>
<td>5566178</td>
<td>1-3/8&quot; (35mm)</td>
</tr>
<tr>
<td>5566200</td>
<td>2&quot; (51mm)</td>
</tr>
<tr>
<td>5566212</td>
<td>2-1/2&quot; (63mm)</td>
</tr>
<tr>
<td>5566214</td>
<td>2-1/4&quot; (57mm)</td>
</tr>
<tr>
<td>5566294</td>
<td>2-1/4&quot; (57mm)</td>
</tr>
<tr>
<td>5566300</td>
<td>3&quot; (76mm)</td>
</tr>
</tbody>
</table>

### 4-Three Quarter Shoes*

<table>
<thead>
<tr>
<th>No. Reference</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>5595230</td>
<td>2-3/4&quot; (65mm)</td>
</tr>
<tr>
<td>5595214</td>
<td>2-1/4&quot; (57mm)</td>
</tr>
</tbody>
</table>

### 5-Ram Die Pin Clip

<table>
<thead>
<tr>
<th>No. Reference</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>5550130</td>
<td>Ram die pin clip</td>
</tr>
</tbody>
</table>

### 6-Die Pusher

<table>
<thead>
<tr>
<th>No. Reference</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>5569100</td>
<td>Die pusher 1&quot; (25.4mm)</td>
</tr>
</tbody>
</table>

### 7-Die Pusher Spring

<table>
<thead>
<tr>
<th>No. Reference</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>5569100</td>
<td>Die pusher spring (5-1205-21)</td>
</tr>
</tbody>
</table>

### 8-Retractor Bar

<table>
<thead>
<tr>
<th>No. Reference</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>5588100</td>
<td>Retractor bar</td>
</tr>
</tbody>
</table>

*The tools listed above are the most common tools manufactured. Call us to get more information about other tools.*
### 9-Ball Joint Segment Set*

<table>
<thead>
<tr>
<th>No. Reference</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>398C315</td>
<td>Ball joint segment set 1-3/4&quot; (4.4mm)</td>
</tr>
<tr>
<td>398C320</td>
<td>Ball joint segment set 2&quot; (5 mm)</td>
</tr>
<tr>
<td>398C312</td>
<td>Ball joint segment set 2-3/8&quot; (6.35mm)</td>
</tr>
<tr>
<td>398C314</td>
<td>Ball joint segment set 2-3/4&quot; (7.0mm)</td>
</tr>
<tr>
<td>398C324</td>
<td>Ball joint segment set 3&quot; (76.2mm)</td>
</tr>
<tr>
<td>398C330</td>
<td>Ball joint kit 2&quot;, 2-1/4&quot;, 2-1/2&quot; (57.2mm, 59mm, 63.5mm)</td>
</tr>
</tbody>
</table>

### 10-Flare Segment Set*

<table>
<thead>
<tr>
<th>No. Reference</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>39F3112</td>
<td>Flare segment set 1-1/2&quot; (38mm)</td>
</tr>
<tr>
<td>39F3124-212</td>
<td>Flare segment set 1-3/4&quot;, 2-1/4&quot; (44.5mm, 57mm)</td>
</tr>
<tr>
<td>39F3202-212</td>
<td>Flare segment set 2&quot;, 2-3/4&quot; (57mm, 63.5mm)</td>
</tr>
<tr>
<td>39F3300</td>
<td>Flare segment set 3&quot; (76mm)</td>
</tr>
<tr>
<td>39F3400</td>
<td>Flare segment set 4&quot; (102mm)</td>
</tr>
<tr>
<td>39F3502</td>
<td>Flare kit 1-3/4&quot;, 2-1/4&quot;, 2-3/4&quot; (44.5mm, 57mm, 59mm, 63.5mm)</td>
</tr>
</tbody>
</table>

### 11-Gripper Adapter Collar*

<table>
<thead>
<tr>
<th>No. Reference</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>34GAC31</td>
<td>Gripper adapter collar 3/4&quot; (19mm)</td>
</tr>
<tr>
<td>34GAC100</td>
<td>Gripper adapter collar 1&quot; (25.4mm)</td>
</tr>
<tr>
<td>34GAC112</td>
<td>Gripper adapter collar 1-1/8&quot; (31.7mm)</td>
</tr>
<tr>
<td>34GAC118</td>
<td>Gripper adapter collar 1-1/4&quot; (32.8mm)</td>
</tr>
<tr>
<td>34GAC112</td>
<td>Gripper adapter collar 1-1/4&quot; (32.8mm)</td>
</tr>
<tr>
<td>34GAC122</td>
<td>Gripper adapter collar 1-1/2&quot; (33.9mm)</td>
</tr>
<tr>
<td>34GAC124</td>
<td>Gripper adapter collar 1-1/4&quot; (32.8mm)</td>
</tr>
<tr>
<td>34GAC130</td>
<td>Gripper adapter collar 1-3/8&quot; (35mm)</td>
</tr>
<tr>
<td>34GAC160</td>
<td>Gripper adapter collar 1-3/4&quot; (37mm)</td>
</tr>
<tr>
<td>34GAC200</td>
<td>Gripper adapter collar 2&quot; (50.8mm)</td>
</tr>
<tr>
<td>34GAC212</td>
<td>Gripper adapter collar 2-1/2&quot; (63.5mm)</td>
</tr>
<tr>
<td>34GAC218</td>
<td>Gripper adapter collar 2-3/4&quot; (64mm)</td>
</tr>
<tr>
<td>34GAC230</td>
<td>Gripper adapter collar 2-1/8&quot; (63.5mm)</td>
</tr>
<tr>
<td>34GAC234</td>
<td>Gripper adapter collar 2-3/4&quot; (63.5mm)</td>
</tr>
<tr>
<td>34GAC230</td>
<td>Gripper adapter collar 3&quot; (76.2mm)</td>
</tr>
</tbody>
</table>

### 12-Ball Male Expander Die

<table>
<thead>
<tr>
<th>No. Reference</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>39BMEC012</td>
<td>Ball male expander die 1&quot; (25.4mm)</td>
</tr>
<tr>
<td>39BMEC134</td>
<td>Ball male expander die 1-3/4&quot; (44.5mm)</td>
</tr>
<tr>
<td>39BMEC178</td>
<td>Ball male expander die 1-7/8&quot; (47.6mm)</td>
</tr>
<tr>
<td>39BMEC200</td>
<td>Ball male expander die 2&quot; (50.8mm)</td>
</tr>
<tr>
<td>39BMEC212</td>
<td>Ball male expander die 2-1/2&quot; (63.5mm)</td>
</tr>
<tr>
<td>39BMEC224</td>
<td>Ball male expander die 2-3/4&quot; (64mm)</td>
</tr>
<tr>
<td>39BMEC256</td>
<td>Ball male expander die 3&quot; (76.2mm)</td>
</tr>
<tr>
<td>39BMEC300</td>
<td>Ball male expander die 3-1/2&quot; (88.9mm)</td>
</tr>
<tr>
<td>39BMEC324</td>
<td>Quick Ball male expander die 1-2/4&quot; (44.5mm)</td>
</tr>
<tr>
<td>39BMEC122</td>
<td>Quick Ball male expander die 2&quot; (50.8mm)</td>
</tr>
<tr>
<td>39BMEC214</td>
<td>Quick Ball male expander die 2-1/2&quot; (63.5mm)</td>
</tr>
<tr>
<td>39BMEC272</td>
<td>Quick Ball male expander die 3&quot; (76.2mm)</td>
</tr>
</tbody>
</table>

### 13-Ball Female Expander Die

<table>
<thead>
<tr>
<th>No. Reference</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>39BEFD015</td>
<td>Ball female expander die 1-3/4&quot; to 2&quot; (44.5 to 50.8mm)</td>
</tr>
<tr>
<td>39BEFD122</td>
<td>Ball female expander die 1-3/4&quot; to 2-1/2&quot; (44.5 to 53.3mm)</td>
</tr>
<tr>
<td>39BEFD201</td>
<td>Ball female expander die 2-3/4&quot; to 3&quot; (70 to 76.2mm)</td>
</tr>
<tr>
<td>39BEFD030</td>
<td>Ball female expander die 3&quot; Quick attach (76.2mm)</td>
</tr>
<tr>
<td>39BEFD202</td>
<td>Ball female expander die 3-1/2&quot; Quick attach (88.9mm)</td>
</tr>
<tr>
<td>39BEFD400</td>
<td>Ball female expander die 4&quot; Quick attach (101.6mm)</td>
</tr>
<tr>
<td>39BEFD500</td>
<td>Ball female expander die 5&quot; Quick attach (127mm)</td>
</tr>
</tbody>
</table>

### 14-Slip Segment Set*

<table>
<thead>
<tr>
<th>No. Reference</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>39SSE112</td>
<td>Slip segment set 1-1/2&quot; (38mm)</td>
</tr>
<tr>
<td>39SSE114</td>
<td>Slip segment set 1-1/4&quot; (31.7mm)</td>
</tr>
<tr>
<td>39SSE124</td>
<td>Slip segment set 1-3/4&quot; (36.1mm)</td>
</tr>
<tr>
<td>39SSE200</td>
<td>Slip segment set 2&quot; (50.8mm)</td>
</tr>
<tr>
<td>39SSE212</td>
<td>Slip segment set 2-1/2&quot; (63.5mm)</td>
</tr>
<tr>
<td>39SSE224</td>
<td>Slip segment set 2-3/4&quot; (64mm)</td>
</tr>
<tr>
<td>39SSE300</td>
<td>Slip segment set 3&quot; (76.2mm)</td>
</tr>
<tr>
<td>39SSE400</td>
<td>Slip segment set 4&quot; (101.6mm)</td>
</tr>
<tr>
<td>39SSE500</td>
<td>Slip segment set 5&quot; (127mm)</td>
</tr>
</tbody>
</table>

*The tools listed above are the most common tools manufactured. Call us to get more information about other tools.*
15-Expander Die*

<table>
<thead>
<tr>
<th>No. Reference</th>
<th>Die Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>345212</td>
<td>Expander die 1 1/8&quot;</td>
<td>1.27 mm</td>
</tr>
<tr>
<td>345234</td>
<td>Expander die 3/4&quot;</td>
<td>1.90 mm</td>
</tr>
<tr>
<td>3452100</td>
<td>Expander die 1&quot;</td>
<td>2.54 mm</td>
</tr>
<tr>
<td>3452112</td>
<td>Expander die 1-1/16&quot;</td>
<td>3.12 mm</td>
</tr>
<tr>
<td>3452114</td>
<td>Expander die 1-1/8&quot;</td>
<td>3.18 mm</td>
</tr>
<tr>
<td>3452116</td>
<td>Expander die 1-5/32&quot;</td>
<td>3.18 mm</td>
</tr>
<tr>
<td>3452134</td>
<td>Expander die 1-3/8&quot;</td>
<td>3.18 mm</td>
</tr>
<tr>
<td>3452138</td>
<td>Expander die 1-5/16&quot;</td>
<td>3.18 mm</td>
</tr>
<tr>
<td>3452156</td>
<td>Expander die 2-1/16&quot;</td>
<td>3.38 mm</td>
</tr>
<tr>
<td>3452179</td>
<td>Expander die 2-1/8&quot;</td>
<td>3.40 mm</td>
</tr>
<tr>
<td>3452218</td>
<td>Expander die 2-1/16&quot;</td>
<td>3.40 mm</td>
</tr>
<tr>
<td>3452234</td>
<td>Expander die 2-3/32&quot;</td>
<td>3.81 mm</td>
</tr>
<tr>
<td>3452250</td>
<td>Expander die 2-7/32&quot;</td>
<td>3.56 mm</td>
</tr>
<tr>
<td>385T144</td>
<td>Threaded stud 1-1/4&quot;</td>
<td>3.17 mm</td>
</tr>
</tbody>
</table>

Standard Expander dies

16-Head Pipe Flanging Tool

<table>
<thead>
<tr>
<th>No. Reference</th>
<th>Flanging Tool</th>
</tr>
</thead>
<tbody>
<tr>
<td>34HFPF1</td>
<td>Head pipe flanging tool</td>
</tr>
</tbody>
</table>

Quick Expander dies

17-Doming Die*

<table>
<thead>
<tr>
<th>No. Reference</th>
<th>Die Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>34CD2120</td>
<td>Doming die 1-3/4&quot;</td>
<td>4.45 mm</td>
</tr>
<tr>
<td>34CD2132</td>
<td>Doming die 1-1/8&quot;</td>
<td>4.45 mm</td>
</tr>
<tr>
<td>34CD2144</td>
<td>Doming die 1-3/8&quot;</td>
<td>4.45 mm</td>
</tr>
<tr>
<td>34CD2156</td>
<td>Doming die 1-5/32&quot;</td>
<td>4.45 mm</td>
</tr>
<tr>
<td>34CD2179</td>
<td>Doming die 2-1/16&quot;</td>
<td>5.33 mm</td>
</tr>
<tr>
<td>34CD2218</td>
<td>Doming die 2-1/8&quot;</td>
<td>5.33 mm</td>
</tr>
<tr>
<td>34CD2234</td>
<td>Doming die 2-3/16&quot;</td>
<td>5.33 mm</td>
</tr>
<tr>
<td>34CD2250</td>
<td>Doming die 2-7/16&quot;</td>
<td>5.33 mm</td>
</tr>
<tr>
<td>34CD2260</td>
<td>Dome die 3&quot;</td>
<td>7.62 mm</td>
</tr>
</tbody>
</table>

18-Reducing Tool*

<table>
<thead>
<tr>
<th>No. Reference</th>
<th>Reducing Tool</th>
</tr>
</thead>
<tbody>
<tr>
<td>348RT100</td>
<td>Reducing tool 1&quot;</td>
</tr>
<tr>
<td>348RT112</td>
<td>Reducing tool 1-1/2&quot;</td>
</tr>
<tr>
<td>348RT114</td>
<td>Reducing tool 1-1/4&quot;</td>
</tr>
<tr>
<td>348RT134</td>
<td>Reducing tool 1-3/4&quot;</td>
</tr>
<tr>
<td>348RT138</td>
<td>Reducing tool 1-5/8&quot;</td>
</tr>
<tr>
<td>348RT156</td>
<td>Reducing tool 1-3/8&quot;</td>
</tr>
<tr>
<td>348RT178</td>
<td>Reducing tool 1-7/8&quot;</td>
</tr>
<tr>
<td>348RT200</td>
<td>Reducing tool 2&quot;</td>
</tr>
<tr>
<td>348RT212</td>
<td>Reducing tool 2-1/2&quot;</td>
</tr>
<tr>
<td>348RT214</td>
<td>Reducing tool 2-1/4&quot;</td>
</tr>
<tr>
<td>348RT224</td>
<td>Reducing tool 2-1/4&quot;</td>
</tr>
<tr>
<td>348RT250</td>
<td>Reducing tool 3&quot;</td>
</tr>
</tbody>
</table>

19-Segment Set “O” Rings*

<table>
<thead>
<tr>
<th>No. Reference</th>
<th>O-Ring Set</th>
</tr>
</thead>
<tbody>
<tr>
<td>37ORH101</td>
<td>O-Ring set including CR110, CR122, CR128 and CR132</td>
</tr>
<tr>
<td>37ORH502</td>
<td>O-Ring set for CRG03 and CRG25</td>
</tr>
<tr>
<td>37ORH503</td>
<td>O-Ring set of 1-1/4&quot; to 1-1/2&quot;</td>
</tr>
<tr>
<td>37ORH512</td>
<td>O-Ring set for Segment 1-1/2&quot;</td>
</tr>
<tr>
<td>37ORH525</td>
<td>O-Ring set for Segment 3-1/2&quot;</td>
</tr>
<tr>
<td>37ORH300</td>
<td>O-Ring set for Segment 3&quot;</td>
</tr>
<tr>
<td>37ORH312</td>
<td>O-Ring set for Segment 3-1/2&quot;</td>
</tr>
<tr>
<td>37ORH540</td>
<td>O-Ring set for Segment 4&quot;</td>
</tr>
<tr>
<td>37ORH541</td>
<td>O-Ring set for Segment 4-1/2&quot;</td>
</tr>
<tr>
<td>37ORH550</td>
<td>O-Ring set for Segment 5&quot;</td>
</tr>
<tr>
<td>37ORH600</td>
<td>O-Ring set for Segment 6&quot;</td>
</tr>
</tbody>
</table>

*The tools listed above are the most common tools manufactured. Call us to get more information about other tools.
20-Inner Segment Set

<table>
<thead>
<tr>
<th>No. Reference</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>33SS3194</td>
<td>Inner segment set 1-3/8&quot; (44.5mm)</td>
</tr>
<tr>
<td>33SS3200</td>
<td>Inner segment set 2&quot; (50.8mm)</td>
</tr>
<tr>
<td>33SS3212</td>
<td>Inner segment set 2-1/2&quot; (63.5mm)</td>
</tr>
<tr>
<td>33SS3214</td>
<td>Inner segment set 2-3/4&quot; (67.3mm)</td>
</tr>
</tbody>
</table>

22-Hand Sizing Tool

No. Reference 28HS11 Hand sizing tool

23-Micro-Dial Arbor

<table>
<thead>
<tr>
<th>No. Reference</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>33H5A114</td>
<td>Reducing tool 1-3/16&quot; (51.2mm)</td>
</tr>
<tr>
<td>33H5A2</td>
<td>Reducing tool 2&quot; (50.8mm)</td>
</tr>
<tr>
<td>41-1500/01-40</td>
<td>Arbor Hand Expander</td>
</tr>
</tbody>
</table>

24-Tube Cutter

No. Reference 38TCS10 Tube cutter No.10

25-Tube Notcher

<table>
<thead>
<tr>
<th>No. Reference</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>38TEN1</td>
<td>Tube notcher 1-1/2&quot; to 3-1/2&quot; (38.1mm to 89.5mm)</td>
</tr>
<tr>
<td>38TEN11</td>
<td>Tube notcher 4&quot;, 5&quot; and 6&quot; (102mm, 127mm and 152mm)</td>
</tr>
</tbody>
</table>

End Forming Machine

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

- Easy to use.
- Built 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.

*The tools listed above are the most common tools manufactured. Call us to get more information about other tools.*