

Duratherm Hand-Held Welding Tool

- ✓ For use with external air supply (eg. DT6 or DT14)
- ✓ Compact and lightweight
- ✓ Continuous adjustment of welding temperature without changing air volume (Acc. DVS 2208)
- ✓ Built-in electronic temperature controls
- ✓ Automatic low air protection
- ✓ Air and electrical supply in one hose
- ✓ Fully rotating handle including nozzle

The Wegener Duratherm hot air welding tool is compact and easy to use, weighing 450 grams. It is for use with an external air supply. It can be ordered with either 4m or 8m long hose.



Duratherm

| Item | Code | Price |
|---|-------|---------|
| Duratherm with 4m hose | 10816 | 296.27 |
| Duratherm with 8m hose | 10817 | 304.37 |
| Heating element HEd 1000W | 11858 | 45.13 |
| Portable blower DT 4 (one connection) | 15857 | 762.67 |
| Portable blower DT 6 (two connections) | 10825 | 923.54 |
| Portable blower DT 6L (two connection + air volume gauge) | 10826 | 1075.14 |
| Workshop blower DT 14 (six connections) | 10827 | 1502.19 |
| Wegener air volume gauge | 11087 | 159.71 |
| Wegener digital temperature gauge including thermocouple | 11088 | 236.09 |

Autotherm Hand-Held Welding Tool

- ✓ For use with external air supply (eg. DT6 or DT14)
- ✓ Compact and lightweight
- ✓ Includes heating element HEx 800W
- ✓ Handle with built-in power control
- ✓ Luminous diode display showing temperature reached (green) or temperature not reached (red)
- ✓ By setting temperature to 0°C the torch is electronically switched off

The Wegener Autotherm hot air welding tool is compact and easy to use, and includes diode temperature display. It is suitable for use with an external air supply. It can be ordered with either 4m or 8m long hose.



Autotherm

| Item | Code | Price |
|---|-------|---------|
| Autotherm with 4m hose | 10821 | 517.31 |
| Autotherm with 8m hose | 10822 | 525.42 |
| Heating element HEd 800W | 10311 | 45.13 |
| Portable blower DT 4 (one connection) | 15857 | 762.67 |
| Portable blower DT 6 (two connections) | 10825 | 923.54 |
| Portable blower DT 6L (two connection + air volume gauge) | 10826 | 1075.14 |
| Workshop blower DT 14 (six connections) | 10827 | 1502.19 |
| Wegener air volume gauge | 11087 | 159.71 |
| Wegener digital temperature gauge including thermocouple | 11088 | 236.09 |

See following page for details of welding nozzles

Airtherm Hand-Held Welding Tool

- ✓ **Integral high volume air supply**
- ✓ **Compact and slim design**
- ✓ **Continuously adjustable air temperature up to 600°C**
- ✓ **Integrated output controls**
- ✓ **Automatic low air protection**

The Wegener Airtherm hot air welding tool is compact and easy to use. Available in two versions, the Airtherm 1600 has a heating capacity of 1600W and a weight of approximately 1.4kg. The airtherm 3000 has a heating capacity of 3000W and a weight of approximately 1.5kg.



Airtherm 1600



Airtherm 3000

| Item | Code | Price |
|--|-------|--------|
| Airtherm 1600 | 18283 | 229.15 |
| 20mm Wide slot nozzle for Airtherm 1600 | 18397 | 28.94 |
| 40mm Wide slot nozzle for Airtherm 1600 | 18398 | 28.94 |
| 5mm Round nozzle for Airtherm 1600 | 18400 | 28.94 |
| Triple nozzle for Airtherm 1600 | 18401 | 28.94 |
| Nozzle adaptor for Airtherm 1600 | 18399 | 32.99 |
| Airtherm 3000 | 18284 | 276.60 |
| 75 x 2mm Wide slot nozzle for Airtherm 3000 | 18403 | 43.98 |
| 70 x 10mm Wide slot nozzle for airtherm 3000 | 18402 | 32.40 |

Duratherm SC Hand-Held Welding Tool

- ✓ **Integral high volume air supply**
- ✓ **Compact and lightweight**
- ✓ **Continuous adjustment of welding temperature without changing air volume (Acc. DVS 2208)**
- ✓ **Built-in electronic temperature controls**
- ✓ **Automatic low air protection**
- ✓ **Hose connection to blower for ease of use**

The Wegener Duratherm SC hot air welding tool has a separate blower to reduce the weight of the hand-held welding torch to approximately 450 grams, The compact, light weight of the tool combined with the 1.5 metre long hose allows greater freedom of movement for the operator.



Duratherm SC

| Item | Code | Price |
|---------------------------|-------|--------|
| Duratherm SC | 10818 | 542.77 |
| Heating element HEd 1000W | 11858 | 45.13 |

Complete Welding Kit

- ✓ **Hot air welding torch Duratherm or Autotherm**
- ✓ **Spare heating element HEd or HEx**
- ✓ **One tacking nozzle HD, one round nozzle RD 4mm, one high speed welding nozzles SSD 4mm and one round brush for cleaning nozzles**
- ✓ **On-site blower DT6L including air volume gauge**
- ✓ **Carrying case**

| Item | Code | Price |
|----------------------------|-------|---------|
| Duratherm Kit with 4m hose | 10819 | 1445.48 |
| Duratherm Kit with 8m hose | 10820 | 1453.58 |
| Autotherm Kit with 4m hose | 10823 | 1665.37 |
| Autotherm Kit with 8m hose | 10824 | 1673.46 |

Hand Held Extrusion Welders

Wegener's EXWELD series of extrusion welders offers a multitude of models to suit every application. Wegener customers can choose from a wide variety of extrusion welders and select the most suitable design in capacity and air supply for their application. Regardless of factors such as sheet thickness, pipe diameters, weld geometries, environment conditions, in shop or field locations or polymer types- Wegener has the right machine to fulfill your needs.

Wegener's extensive range of extrusion welding machines is complemented by a large number of accessories. These include tailored shoes for special applications, rotating and angled welding heads just to name a few. Oil and moisture free clean air, imperative for the quality of a weld is offered through dedicated blowers which are lowest in operating cost and lowest in noise generation. These blowers are designed to provide the correct air volume for optimum extrusion welding.

Please contact us for further details.



EXWELD alpha2 SC



EXWELD sigma SC

| Model | Welding Capacity | Weight |
|------------------|------------------|--------|
| EXWELD alpha2 SC | up to 2.6kg/h | 7kg |
| EXWELD sigma SC | up to 1.9kg/h | 5.8kg |

Blower DT4

- For use with one welding torch
- 0.2 Bar / up to 60 l/min
- 0.15 kW A.C.motor
- 220v
- Low operating noise
- Weight approximately 9.5 kg



| Item | Code | Price |
|------------------|-------|--------|
| Blower model DT4 | 15857 | 762.67 |

Blower DT6 & DT6L

- For use with two welding torch
- 0.8 Bar / up to 120 l/min
- 0.25 kW A.C.motor
- 220v
- Low operating noise
- Ideal for long air supply hoses
- Weight approximately 15 kg
- DT6L includes air flow meter



| Item | Code | Price |
|-------------------|-------|---------|
| Blower model DT6 | 10825 | 923.54 |
| Blower model DT6L | 10826 | 1075.14 |

Tacking Nozzle



| Item | Code | Price |
|----------------|-------|-------|
| Tacking nozzle | 10187 | 37.04 |

Speed Welding Nozzle (Round)



| Item | Code | Price |
|--------------------------|-------|-------|
| SSD 3 for 3mm round wire | 10175 | 75.23 |
| SSD 4 for 4mm round wire | 10176 | 75.23 |
| SSD 5 for 5mm round wire | 10177 | 75.23 |

Speed Welding Nozzle (Profile)



| Item | Code | Price |
|---|-------|--------|
| SSD/Prof 3x3x4 for profile wire 90-4 | 11001 | 111.10 |
| SSD/Prof 3x3x5 for profile wire 80/90-5 | 11002 | 111.10 |
| SSD/Prof 4x4x6 for profile wire 80/90-6 | 11003 | 111.10 |
| SSD/Prof 5x5x6 for profile wire | 11004 | 111.10 |
| SSD/Prof 5x5x7 for profile wire 80/90-7 | 11005 | 111.10 |
| SSD/Prof 6x6x8 for profile wire 90-8 | 11006 | 111.10 |
| SSD/Prof 7x7x7 for profile wire 60-7 | 11007 | 111.10 |

Speed Welding Nozzle with Tacking Nose



| Item | Code | Price |
|-----------------------------|-------|-------|
| SSD/HD 3 for 3mm round wire | 10173 | 97.21 |
| SSD/HD 4 for 4mm round wire | 10174 | 97.21 |
| SSD/HD 5 for 5mm round wire | 10181 | 97.21 |

Speed Welding Cast Nozzle



| Item | Code | Price |
|---------------------------|-------|-------|
| SSD 3C for 3mm round wire | 13020 | 75.23 |
| SSD 4C for 4mm round wire | 17346 | 75.23 |

Speed Welding Cast Nozzle with Tacking Nose



| Item | Code | Price |
|------------------------------|-------|-------|
| SSD/HD 3C for 3mm round wire | 11716 | 97.21 |
| SSD/HD 4C for 4mm round wire | 11715 | 97.21 |

Accessories



| Item | Code | Price |
|---------------------------|-------|--------|
| Digital temperature gauge | 11088 | 236.09 |
| Air flow meter | 11087 | 159.71 |



Hand-held Fusion Tools

- ✔ Suitable for PE, PP and PVDF
- ✔ Portable and easy to use

Widos hand-held heating tools are round or rectangular in design. They include electronic or thermostatic temperature control (a digital display is optional for the electronic version). The electronic control also features temperature adjustment and control in accordance with DVS 2208.

Heating surfaces are PTFE coated. All tools have an on/off switch, a mains control lamp and a control lamp for heating intervals. A steel carry case or heat-protected box may be ordered for safe transport of the tools.

Special voltages and dimensions are also available on request.



Round Hand-held Heating Tools

| Size | Control | Power | Code | Price |
|--------------|--------------|--------------|-----------|--------|
| ≤ 90mm Dia. | Thermostatic | 110v / 315w | H0090T110 | 369.53 |
| ≤ 90mm Dia. | Electronic | 110v / 315w | H0090E110 | 429.13 |
| ≤ 120mm Dia. | Thermostatic | 110v / 500w | H0120T110 | 351.66 |
| ≤ 120mm Dia. | Electronic | 110v / 500w | H0120E110 | 486.35 |
| ≤ 200mm Dia. | Thermostatic | 110v / 800w | H0200T110 | 470.85 |
| ≤ 200mm Dia. | Electronic | 110v / 800w | H0200E110 | 590.06 |
| ≤ 295mm Dia. | Thermostatic | 110v / 1500w | H0320T110 | 572.17 |
| ≤ 295mm Dia. | Electronic | 110v / 1500w | H0320E110 | 685.42 |



Square Hand-held Heating Tools

| Size | Control | Power | Code | Price |
|---------------|--------------|--------------|------------|--------|
| 150mm x 150mm | Thermostatic | 110v / 750w | H0150VT110 | 338.54 |
| 150mm x 150mm | Electronic | 110v / 750w | H0150VE110 | 413.63 |
| 250mm x 250mm | Thermostatic | 110v / 2000w | H0250VT110 | 550.72 |
| 250mm x 250mm | Electronic | 110v / 2000w | H0250VE110 | 638.93 |

Weld IT® Socket Fusion Tool

Hand held welding tool

Socket fusion tool with electronic temperature control for use with socket fusion blocks up to 63mm. A digital temperature display with convenient buttons to set the temperature. The tool comes complete with vice support stand for use on site or in the workshop.

Everything is packed in a steel carrying case including spigot and socket heating blocks in sizes 20/25/32/40/50/63mm.

230V
50/60 Hz
(110V option)
1.7 kg

Maximum temperature: 260°C
Maximum temperature tolerance +/- 5°C

Available mid 2011



Packed in a steel carrying case

Socket Fusion Tools

- Suitable for PE, PB, PP and PVDF
- Multiple connections possible on each tool

Widos socket fusion tools are designed for heating spigots and sockets from OD 16 up to OD 110mm (depending on the model).

Heating surfaces are PTFE coated. All tools have an on/off switch, a mains control lamp and a control lamp for heating intervals. A table clamp and steel carry case is also available.

Special voltages and dimensions are also available on request.



Multi 3/3 with table clamp

Socket Fusion Tools (Heating Blocks & Accessories Not Included)

| Size (O.D. mm) | Type | Control | Power | Connections | Code | Price |
|----------------|-------------|--------------|--------------|-------------|------------|--------|
| 16 - 32 | Multi 2/2 T | Thermostatic | 110v / 315w | 2 | HM22T110 | 166.89 |
| 16 - 32 | Multi 2/2 E | Electronic | 110v / 315w | 2 | HM22E110 | 213.37 |
| 16 - 32 | Multi 2/3 T | Thermostatic | 110v / 700w | 3 | HM23T110 | 250.33 |
| 16 - 32 | Multi 2/3 E | Electronic | 110v / 700w | 3 | HM23E110 | 306.35 |
| 20 - 63 | Multi 3/2 T | Thermostatic | 110v / 700w | 2 | HM32T110 | 247.94 |
| 20 - 63 | Multi 3/2 E | Electronic | 110v / 700w | 2 | HM32E110 | 435.09 |
| 20 - 63 | Multi 3/3 T | Thermostatic | 110v / 850w | 3 | HM33T110 | 315.89 |
| 20 - 63 | Multi 3/3 E | Electronic | 110v / 850w | 3 | HM33E110 | 467.27 |
| 16 - 90 | MH0090 T | Thermostatic | 110v / 630w | 1 | HM0090T110 | 365.95 |
| 16 - 90 | MH0090 E | Electronic | 110v / 630w | 1 | HM0090E110 | 435.09 |
| 16 - 110 | MH0160 T | Thermostatic | 110v / 1150w | 1 | HM0160T110 | 402.90 |
| 16 - 110 | MH0160 E | Electronic | 110v / 1150w | 1 | HM0160E110 | 470.85 |

Accessories

| Item | Size (O.D. mm) | Code | Price |
|---|----------------|-------------|--------|
| Table clamp | | HM001 | 34.58 |
| Steel carry case with supporting device for Multi 2 | | TKHM22 | 41.72 |
| Steel carry case with supporting device for Multi 3 | | TKHM32 | 57.22 |
| Steel carry case without supporting device for MH0090 | | TKHM0090 | 79.86 |
| Steel carry case without supporting device for MH0160 | | TK02002 | 79.86 |
| Heating block, non-stick coated, grey * | 16 | HD016S | 25.04 |
| Heating block, non-stick coated, grey * | 20 | HD020S | 26.22 |
| Heating block, non-stick coated, grey * | 25 | HD025S | 28.61 |
| Heating block, non-stick coated, grey * | 32 | HD032S | 45.29 |
| Heating block, non-stick coated, grey * | 40 | HD040S | 51.26 |
| Heating block, non-stick coated, grey * | 50 | HD050S | 54.83 |
| Heating block, non-stick coated, grey * | 63 | HD063S | 65.56 |
| Heating block, non-stick coated, grey * | 75 | HD075S | 78.67 |
| Heating block, non-stick coated, grey * | 90 | HD090S | 94.17 |
| Heating block, non-stick coated, grey * | 110 | HD110S | 118.01 |
| Peeling and chamfering tool | 20 | 799.300.260 | 120.95 |
| Peeling and chamfering tool | 25 | 799.300.270 | 120.95 |
| Peeling and chamfering tool | 32 | 799.300.280 | 120.95 |
| Peeling and chamfering tool | 40 | 799.300.290 | 166.62 |
| Peeling and chamfering tool | 50 | 799.300.300 | 178.96 |
| Peeling and chamfering tool | 63 | 799.300.310 | 203.65 |
| Peeling and chamfering tool | 75 | 799.300.320 | 228.35 |
| Peeling and chamfering tool | 90 | 799.300.330 | 265.35 |
| Peeling and chamfering tool | 110 | 799.300.340 | 283.87 |

* Available inch sizes on request