Dedicated Staff
Worldwide service

“We are happy when the customers of our customers are satisfied!”
(Patrick Sticker, President)

UNIFLEX.de
made in Germany

References:

EATON
Gates
HANSA/FLEX
Parker

No. 1 in innovation, quality, service and price-performance ratio.

UNIFLEX is the global leader of machines for hydraulic hose assemblies – from workshop equipment to production series.

For more information visit our Website: www.uniflex.de or follow us on LinkedIn, Xing, YouTube and Google+.

UNIFLEX Management:
Harald von Waitz, Dr. Friedrich von Waitz and Patrick Sticker
Your Premium Partner
for crimping

Our machines crimp anything with circular symmetry, and we provide the tools required for a crimped connection.

“Best Return on Investment” for our customers, suppliers, employees and our shareholders is our goal.

We manufacture highly valued and innovative products for our customers, which benefit their customers.

Our know-how encompasses the development, manufacture, sales and service for all our products.
Global Leader
Innovative solutions for local needs

1972
UNIFLEX-Hydraulik GmbH was founded by Peter Schröck in Frankfurt/Main

1972
HM 10
Hose Crimper

1986
Since 1986
Due to innovations such as the legendary greaseless technology, UNIFLEX is the global leader of machines for hydraulic hose assemblies

1992
1996

1994
Release of the HM 310 Futura, the first hose crimper with a thin narrow frame and a stationary bottom die

1998
USA: Subsidiary near Chicago, Illinois opened

1994
UNIFLEX moves into a bigger office and production facility in Karben, 10 km north of Frankfurt

1998
Becomes a member of the Freiherrn Waitz company group

Pioneering innovations and extraordinary product quality.

In 1972, the machine builder and engineering graduate Peter Schröck established UNIFLEX-Hydraulik GmbH in Frankfurt/Main. Owing to pioneering innovations and extraordinary product quality, the flourishing enterprise soon developed into a global provider of machines for hose production.
UNIFLEX – synonymous with meeting the highest demands.

Due to advanced, robust and extremely durable technology, UNIFLEX is synonymous with meeting the highest demands – worldwide.

We are also recognized for our user-friendly machines and extraordinary investment for their customers – and customers’ clients.
What about Cost of Ownership?

**Precision**
The precise production of component parts from qualified suppliers ensures the quality and long life for our machines.

**Innovation**
The technical department delivers designs that meet the standards for tomorrow based on customer input.

**Universal**
UNIFLEX machines are universal and can be used for all types of fittings and diverse applications.

**Presence**
The UNIFLEX Team can be contacted at all times in the following showroom-warehouses: Karben (DE), Singapore (SG), Schaumburg (IL, USA), Montevideo (UY), Bangalore (IN), Shanghai (CN), via partner company: Yekaterinburg (RU).

sales@uniflex.de

**Service**
Your complete satisfaction is very important to us. Therefore, we place great value on a global all-round service. service@uniflex.de

Do you need help? Send us a video:

- WeChat: +49 (0) 152/03540155
- Skype: service@uniflex.de
- WhatsApp: +49 (0) 152/03540155
- FaceTime: service@uniflex.de

**Warranty**
UNIFLEX is proud of all of its products and provides a 2-year warranty on all new products and a 1-year warranty on second-hand machines.
UNIFLEX Products
Leading supplier for high-quality machines

The broad range of UNIFLEX products for all applications and hose diameters offers everything the hydraulic hose industry needs in order to provide its clients with optimum quality.

- **Service Crimpers**
  Intermittent use in service and workshop applications.
  P.08-09

- **Production Crimpers**
  Crimpers suitable for big production series.
  P.10-11

- **Cutting Machines**
  Machines for cutting hoses.
  P.12-13

- **Skiving Machines**
  Machines for skiving hoses.
  P.14-15

- **Test Benches**
  Machines for testing hose assemblies.
  P.18-19

- **Peripheral Equipment**
  More machines for hose assembly preparations.
  P.16-17

- **Cleaning Devices**
  Machines for cleaning hoses.
  P.19

- **Special Equipment**
  Custom machines for unique applications.
  P.20-21

- **Labelling and Software on demand.**
  P.21-23
### Technical Data

<table>
<thead>
<tr>
<th></th>
<th>S 2 M Ecoline</th>
<th>UA 4*</th>
<th>HM 200 Ecoline*</th>
<th>S 3 Ecoline*</th>
<th>S 3 L Ecoline</th>
<th>S 3 L Mobileline</th>
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<tbody>
<tr>
<td>Crimp force (kN/ton)</td>
<td>900/90, 450/45**</td>
<td>1350/135</td>
<td>1300/130</td>
<td>1200/120</td>
<td>1600/160</td>
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<td>SAE R12</td>
<td>1&quot;</td>
<td>1¼&quot;</td>
<td>1¼&quot;</td>
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<tr>
<td>Max. crimp range (mm)</td>
<td>63</td>
<td>65</td>
<td>70</td>
<td>70</td>
<td>70</td>
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<tr>
<td>Opening/Length master dies (mm)</td>
<td>+22/75</td>
<td>+15/70</td>
<td>+30/75</td>
<td>+35/100</td>
<td>+27/110</td>
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<tr>
<td>Die type</td>
<td>263</td>
<td>280</td>
<td>239</td>
<td>239-xx</td>
<td>239-xx</td>
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<tr>
<td>Type of application</td>
<td>Mobile</td>
<td>Workshop/Mobile</td>
<td>Workshop/Mobile</td>
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</table>

### First-Class Advantages

- **Greaseless**: Slide bearings on the crimp tool improve efficiency by 20%, reduce friction and help keep the tool free of contaminants.
- **Universal**: For all types of hoses and fittings.
- **Ecoline**: High quality for those new to crimping.
- **Environment friendly**: Engineered to last.

**SL 3-16 M**

Low pressure crimping with 2 dies set integrated Ø 5 and Ø 15 for DN 03 to 16.

**SL 3-32 M**

up to 1¼"

**SL 3-75**

up to 3"
First-Class Advantages

- Slide bearing technology
  - No greasing improves cleanliness of machine and prolongs its lifetime.
  - Maximum productivity with very low maintenance costs.
  - Flaking cannot stick in grease, no risk of prematurely damaging the crimping head.
  - End product can be used in sanitary applications without cleaning.
  - 20% more capability for crimping stronger or more difficult couplings versus our competition's equivalent crimpers.
  - Consistently accurate crimp result.

Features

QDC 239.5 + QDS 239 B
With Quick-Die-Change.
### Technical Data

<table>
<thead>
<tr>
<th></th>
<th>HM 3 H</th>
<th>HM 220</th>
<th>HM 225</th>
<th>HM 325</th>
<th>HM 375</th>
<th>HM 380</th>
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<tbody>
<tr>
<td>Crimp force (kN/ton)</td>
<td>750/75</td>
<td>1 350/135</td>
<td>1 600/160</td>
<td>2 800/280</td>
<td>3 150/315</td>
<td>3 400/340</td>
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<tr>
<td>4 SH</td>
<td>3/4&quot;</td>
<td>1&quot;</td>
<td>1 1/4&quot;</td>
<td>2&quot;</td>
<td>2 1/2&quot;</td>
<td>3&quot;</td>
</tr>
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<td>2&quot;</td>
<td>2&quot;</td>
<td>4&quot;</td>
<td>4&quot;</td>
<td>4&quot;</td>
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<tr>
<td>Length master dies (mm)</td>
<td>100</td>
<td>75</td>
<td>90</td>
<td>126</td>
<td>126</td>
<td>126</td>
</tr>
<tr>
<td>Speed (mm/sec)</td>
<td>Close: 8,3</td>
<td>10/20*</td>
<td>19/30*</td>
<td>23</td>
<td>23</td>
<td>23</td>
</tr>
<tr>
<td></td>
<td>Crimp: 8,3</td>
<td>5/10</td>
<td>1,5/3</td>
<td>1,4</td>
<td>1,4</td>
<td>1,3</td>
</tr>
<tr>
<td></td>
<td>Open: 13,8</td>
<td>10/20</td>
<td>19/30</td>
<td>33</td>
<td>33</td>
<td>33</td>
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<tr>
<td></td>
<td>Max. crimp range (mm/opening)</td>
<td>70/+35</td>
<td>70/+35</td>
<td>70/+40</td>
<td>165/+70</td>
<td>165/+70</td>
</tr>
<tr>
<td></td>
<td>Die type</td>
<td>239-xx</td>
<td>239</td>
<td>239-xx</td>
<td>239-xx/237L</td>
<td>239-xx/237L</td>
</tr>
</tbody>
</table>

### First-Class Advantages

- **Greaseless**: Slide bearings on the crimp tool improve efficiency by 20%, reduce friction and help keep the tool free of contaminants.
- **Universal**: For all types of hoses and fittings.
- **Fixed 6-o’clock die**: Stationary bottom die for efficient positioning of the product.
- **Low Noise**: Very quiet hydraulic system.
- **Ergonomic**: Ease of use maximizes productivity.
- **Environment friendly**: Engineered to last.

### Standard

- **PFM** – Standard on all machines with C.2 Control
- **Multistep Industrial calculator**
- **Crimping by Pressure**
- **UDL (UNIFLEX) data logging**

Quality-enhancing option for series production. With PFM, the upper and lower pressure limits can be set by adjusting the tolerance values obtained from test pressing.
### Features

**Engineered solutions using quality components**

- Hi-Low cylinder – Maximum efficiency producing less heat.
- Lateral reinforcement optimizes overall tolerance.

**Fixed 6-o’clock die**

- Workpiece does not move, making it easier to position laterally.
- Increases productivity, driving up profitability.
- Reduces risk for injuries.

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### C.2 Control Accessories

- **DMS** (Strain Gauges)
- **TA**
- Electronic caliper
- Calibration mandrel
- Barcode scanner
- **PS.2 Double foot pedal**
- **Customized software**
- **RFID**
- **ULS**
- **B07.2**

**NEW**

**ACCESSORIES FOR CRIMPERS**

**NEW**
What about a cutter with a flat motor, large shaft, double bearings?

Cutting Machines

Technical Data

<table>
<thead>
<tr>
<th></th>
<th>EM 1*</th>
<th>EM 1 S*</th>
<th>EM 3*</th>
<th>EM 3 Ecoline</th>
<th>EM 3 DC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Workshop 4SH/R15</td>
<td>¾&quot;</td>
<td>1¼&quot;</td>
<td>1¼&quot;</td>
<td>1&quot;</td>
<td>1¼&quot;</td>
</tr>
<tr>
<td>Production 4SH/R15</td>
<td>-</td>
<td>-</td>
<td>¾&quot;</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Industrial</td>
<td>1¼&quot;</td>
<td>1¼&quot;</td>
<td>2&quot;</td>
<td>1¼&quot;</td>
<td>2&quot;</td>
</tr>
<tr>
<td>Drive (kW)</td>
<td>1,2</td>
<td>1,2</td>
<td>3</td>
<td>1,8</td>
<td>12 VDC : 2 kW/24 VDC : 3,2 kW</td>
</tr>
<tr>
<td>Cutting blade (mm)</td>
<td>TM 160</td>
<td>TM C 160</td>
<td>TM 275</td>
<td>TM G 200</td>
<td>TM Z 250</td>
</tr>
</tbody>
</table>

First-Class Advantages

- Special Brake Motor
  A safety feature meeting DIN CE standards requiring the cutting blade to stop turning in 10 seconds.
- Special Cutting Motor
  Higher forces are achieved using a larger shaft.
- Test-proven Cutting Blades
  Cutting blades are made out of test-proven material.
- Ecoline
  High quality for those new to crimping.
- Environment friendly
  Engineered to last.

Cutting blades

- TM C, TM G and TM
  High quality cutting blades: TM C, TM G and TM.
- TM C
  Lasts 7 times longer, cuts twice as fast, generates less smoke, less debris in the hose and less heat. Reduces the risk of separation of the rubber from the wire.
Features

Unique drive motor with double bearings and large shaft.

- Reduce scrap with straight cuts.
- Less contamination.
- Maximizes motor life, giving you the lowest cost of ownership in the market.
- More cuts between sharpening while increases profits.
- Cut faster and generate more profit.

UPG 10

Guillotine for industrial hoses up to 2” (max. OD: 75mm).
### Technical Data

<table>
<thead>
<tr>
<th></th>
<th>USM 2*</th>
<th>USM 10 Ecoline</th>
<th>USM 10*</th>
<th>USM 10 S*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Internal skiving</td>
<td>5/8&quot; - 2&quot;</td>
<td>5/8&quot; - 2&quot;</td>
<td>5/8&quot; - 2&quot;</td>
<td>5/8&quot; - 2&quot;</td>
</tr>
<tr>
<td>External skiving</td>
<td>3/16&quot; - 2&quot;</td>
<td>3/16&quot; - 2&quot;</td>
<td>3/16&quot; - 2&quot;</td>
<td>3/16&quot; - 2&quot;</td>
</tr>
<tr>
<td>Drive (kW)</td>
<td>Manual</td>
<td>0.37 (M)</td>
<td>0.37 (M)</td>
<td>0.37 (M)</td>
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<tr>
<td>Type of application</td>
<td>Mobile</td>
<td>Workshop</td>
<td>Workshop</td>
<td>Workshop</td>
</tr>
</tbody>
</table>

### First-Class Advantages

**USM 10 S**

- **Internal & External Skiving**
  - Simultaneous internal and external skiving in one operation.

- **Universal**
  - For all types of hoses and fittings.

- **Ecoline**
  - High quality for those new to crimping.

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* Machine pictured.
### Technical Data USM 2

<table>
<thead>
<tr>
<th>USM 100*</th>
<th>USM 150*</th>
</tr>
</thead>
<tbody>
<tr>
<td>5/8&quot; - 2¼&quot;</td>
<td>2&quot; - 5&quot;</td>
</tr>
<tr>
<td>¼&quot; - 2&quot;</td>
<td>2&quot; - 5&quot;</td>
</tr>
<tr>
<td>1,2/1,8</td>
<td></td>
</tr>
<tr>
<td>Production</td>
<td>Production</td>
</tr>
</tbody>
</table>

### First-Class Advantages

- User-friendly control improves efficiency
  - Full concentration on the piece due to control via foot pedal.
  - Big Makrolon® window provides a good view on the workpiece.
- CE compliant
  - Protective cover with gas spring for easy opening.
  - Safety flap for injury-free working.
  - Safe installation on the workbench.

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### Features

- User-friendly control improves efficiency
- CE compliant

### Accessories

- **Accessories**
  - TU Table
  - SSG
### Technical Data

<table>
<thead>
<tr>
<th></th>
<th>UNE 10</th>
<th>UNE 115</th>
<th>PR 10</th>
<th>PR 12</th>
<th>PR 14</th>
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</thead>
<tbody>
<tr>
<td>Working range</td>
<td>≤ 2”</td>
<td>≤ 3”</td>
<td>Ø 8 - 45 mm</td>
<td>Ø 8 - 55 mm</td>
<td>Ø 30 - 100 mm</td>
</tr>
<tr>
<td>Air pressure (bar)</td>
<td>7</td>
<td>8</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Force (kN)</td>
<td>5.1</td>
<td>8</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>L x W x H (mm)</td>
<td>600 x 810 x 310</td>
<td>625 x 1185 x 320</td>
<td>290 x 150 x 330</td>
<td>270 x 200 x 400</td>
<td>400 x 265 x 565</td>
</tr>
<tr>
<td>Weight (kg)</td>
<td>35</td>
<td>100</td>
<td>－8</td>
<td>－22</td>
<td>－58</td>
</tr>
</tbody>
</table>

### First-Class Advantages

- **Universal**: For all types of hoses and fittings.
- **Ecoline**: High quality for those new to crimping.

### Perforating dies for crimpers

- PR PB-232 F
- PR PB-237 G
- PR PB-266 P

Delivered in 4 pieces set
## Technical Data

<table>
<thead>
<tr>
<th></th>
<th><strong>UP 10 Ecoline</strong></th>
<th><strong>UP 15</strong></th>
<th><strong>UP 115</strong></th>
<th><strong>Technical Data</strong></th>
<th><strong>UIM 10</strong></th>
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<tbody>
<tr>
<td>Marking area (mm)</td>
<td>Ø 12 - 80</td>
<td>Ø 11,5 - 90</td>
<td>Ø 11,5 - 100</td>
<td>Working area</td>
<td>2” (up to DN50)</td>
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<tr>
<td>Marking depth (mm)</td>
<td>~ 0,5</td>
<td>~ 0,5</td>
<td>~ 0,5</td>
<td>Marking depth (mm)</td>
<td>10 - 150</td>
</tr>
<tr>
<td>Insertable steel characters (pieces)</td>
<td>25</td>
<td>30</td>
<td>2x15 (two rows)</td>
<td>Production capacity (h)</td>
<td>700</td>
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<tr>
<td>L x W x H (mm)</td>
<td>285 x 265 x 410</td>
<td>272 x 200 x 750</td>
<td>625 x 465 x 325</td>
<td>Air pressure (bar/psi)</td>
<td>5/72</td>
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<tr>
<td>Weight (kg)</td>
<td>10</td>
<td>35</td>
<td>48</td>
<td>L x W x H (mm)</td>
<td>330 x 190 x 313</td>
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<td></td>
<td></td>
<td>Weight (kg)</td>
<td>4,5</td>
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<td>First-Class Advantages</td>
<td>📘 📘 📘</td>
<td>📘 📘 📘</td>
<td>📘 📘 📘</td>
<td>First-Class Advantages</td>
<td>📘 📘</td>
</tr>
</tbody>
</table>

### First-Class Advantages

- **504.003**
  Type holder for UP 10 Ecoline.

- **506.060.3**
  Type holder for UP 115.

- **508.1003.3**
  Type holder for UP 15.

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### Marking Machines

- **UBM 1**
  Tube bender OD Ø 6 mm to Ø 20 mm.

- **UNT 6**
  Max. Ø 40 mm (1,57”)

- **UNT 10**
  Max. Ø 100 mm (4”)

---
## Technical Data

<table>
<thead>
<tr>
<th>Test Benches</th>
<th>P 160 Ecoline</th>
<th>P 160</th>
<th>P 250</th>
<th>P 300</th>
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<tbody>
<tr>
<td><strong>Test pressure (bar)</strong></td>
<td>150 - 1 300</td>
<td>150 - 1 300</td>
<td>150 - 1 500</td>
<td>150 - 1 000</td>
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<tr>
<td></td>
<td>2 175 - 18 850</td>
<td>2 175 - 18 850</td>
<td>2 175 - 21 000</td>
<td>2 100 - 14 500</td>
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<tr>
<td><strong>Drive</strong></td>
<td>Intensifier</td>
<td>Intensifier</td>
<td>Intensifier</td>
<td>Hydraulic aggregate 3 kW with pressure intensifier</td>
</tr>
<tr>
<td><strong>Connection</strong></td>
<td>Steck-O</td>
<td>Steck-O</td>
<td>Steck-O/Cone</td>
<td>Cone</td>
</tr>
<tr>
<td><strong>Tank dimensions L x W x H (mm)</strong></td>
<td>1 200 x 600 x 250</td>
<td>1 590 x 795 x 370</td>
<td>2 700 x 1 450 x 1 550</td>
<td>3 750 x 1 450 x 870</td>
</tr>
<tr>
<td><strong>Max. flow rate (l/min)</strong></td>
<td>1,1</td>
<td>1,1</td>
<td>5</td>
<td>13</td>
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</tbody>
</table>

### First-Class Advantages

- **Universal** For all types of hoses and fittings.
- **Ecoline** Value driven solution for less frequent use.
- **Integrated Tank with water** Quiet and saves workspace.

### Test Benches – Accessories & options

- **UPP Pressure Sensor for test benches.**
- **Extension element.**
- **Fast clamping system.**

- **Dynamic test.**

Low pressure type (20-1 300 bar/290-18 850 psi) or high pressure type (150-3 000 bar/2 175-43 500 psi) optional (one or the other).
### Cleaning Devices

#### Cleaning Machines

**UNIFLEX cleaning machines** effectively remove all residue and scale from hose operations and press fitting.

#### Technical Data

<table>
<thead>
<tr>
<th>Model</th>
<th>Cleaning Devices</th>
<th>P 350</th>
<th>RG 2</th>
<th>RG 10</th>
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<tbody>
<tr>
<td>Test pressure (bar)</td>
<td>150 - 1 000</td>
<td>150 - 1 500</td>
<td>150 - 1 000</td>
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<tr>
<td>Test pressure (psi)</td>
<td>2 175 - 1 300</td>
<td>2 175 - 2 175</td>
<td>2 175 - 2 175</td>
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</table>

#### Drive

<table>
<thead>
<tr>
<th>Model</th>
<th>Drive (air, bar)</th>
<th>Diaphragm, 7 bar air</th>
<th>Diaphragm, 7 bar air</th>
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</thead>
<tbody>
<tr>
<td>Intensifier, diaphragm</td>
<td></td>
<td></td>
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#### Connection

<table>
<thead>
<tr>
<th>Model</th>
<th>Connection</th>
<th>Tank capacity (L)</th>
<th>Tank dimensions (mm)</th>
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</thead>
<tbody>
<tr>
<td>Steck-O</td>
<td>Steck-O/Cone</td>
<td>38 L</td>
<td>2000 x 600 x 250</td>
</tr>
<tr>
<td>1 950 x 1 950 x 2 220</td>
<td>Cone</td>
<td>215 L</td>
<td>1 950 x 1 950 x 2 220</td>
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#### Output

<table>
<thead>
<tr>
<th>Model</th>
<th>Output (l/min)</th>
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<tbody>
<tr>
<td>1 12,5</td>
<td>25</td>
</tr>
<tr>
<td>1 12,5</td>
<td>180</td>
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#### Working range (ID)

<table>
<thead>
<tr>
<th>Model</th>
<th>Working range (ID)</th>
</tr>
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<tbody>
<tr>
<td>12,5</td>
<td>Up to 1¼&quot;</td>
</tr>
<tr>
<td>12,5</td>
<td>Up to 2&quot;</td>
</tr>
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</table>

#### Notes

- **Flushing cone.**
Try crimping instead of welding or screw/pin connections?

### Technical Data

<table>
<thead>
<tr>
<th></th>
<th>KS 6*</th>
<th>KS 8*</th>
<th>KS 10*</th>
<th>HMC 1-25*</th>
<th>HMC 1-30*</th>
<th>HM 245</th>
<th>HM 380</th>
<th>HM 480</th>
<th>HM 665</th>
<th>HM 1200</th>
<th>HMC 12-2000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crimp force (ton)</td>
<td>50/80/180</td>
<td>25/30</td>
<td>75</td>
<td>340 to 1200</td>
<td>2000</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Industrial</td>
<td>-</td>
<td>1&quot;</td>
<td>1&quot;</td>
<td>4&quot; to 16&quot;</td>
<td>12&quot;</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Max. crimp range (mm)</td>
<td>55/139/139</td>
<td>Ø 70</td>
<td>70</td>
<td>165 to 450</td>
<td>380</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Opening without dies (mm)</td>
<td>95/190/190</td>
<td>90</td>
<td>105</td>
<td>215 to 580</td>
<td>435</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### First-Class Advantages

- Special Equipment
- ITM 300
- Hydraulic drive: 4 kW, 400 VAC, 50 Hz, 3 Ph
- Piston stroke (mm): 500
- Traction (kN): 20-300, stepless variability
- Max. Insulator ext. dimensions (mm): Ø 240

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* Machine pictured.
Via internet you are catching the recipe to crimp a hose.

Catching the recipe from the server via internet or with an app, you now can send this information to the crimper via Bluetooth.

Once crimp the data including the crimp result (Pressure, caliper measurement...) goes automatically via Bluetooth back to the phone or tablet.

UNIFLEX Paperless Management System (UPMS)

Uniflex has developed a complete Paperless Management System. Taking the data directly from your ERP and bringing them back directly to a dashboard.

The crimper sends all crimp data to the new XML file. (Diameter, pressure, holding time, ...) The crimper adds a record for each crimp. It contains all settings as well as the reached pressure, the achievable measure, counter, date and customized values.

On command, the C.2 IPC obtains an order from the XML file. (Must be programmed) – By customer, – By Hose Type, – First in first out, etc.

The machine tells the operator which dies to install and then crimping can start. (Visualization of the used parts and additional order details is possible)

You receive orders from your customers, which are maintained in your ERP. For example hose type, quantity, etc.

Via internet you are catching the recipe to crimp a hose.

Catching the recipe from the server via internet or with an app, you now can send this information to the crimper via Bluetooth.

UNIFLEX Wireless Management System (UWMS)

UWMS (Uniflex wireless management system) allow you to put your recipe to crimp on a server and keep this information up-to-date. It will then be used live from all your customers via an app on your phone or tablet connected to internet.
Service Crimpers

Product Overview

S2 M Ecoline
S2 P
S2 L A
S2 A
HM 200
HM 660/HM 1200
HM 200 Ecoline DC
S3 L
S4 C.2
S4 DC
S6 L
S6 C.2 + QDS 239 S
S6 A + QDS 239 S
S6 S
S6 S Ecoline
S8/S10 Ecoline
S8/S10 i xl C.2
S8 C.2/S8 i xl C.2
S10 C.2/S10 i xl C.2

Accessories for Crimpers

Table TU + Basic Sheet + Shelf + Pod = TU QDS Die Storage System: For PB 232 & 237 & 239 & 266 des

PTS System
SHS Mirror
QDS 239 C/T + QDS 239 S
Oil cooler
LUF magnetic light
QSC 10 Retro Camera system
UMAT Mobile Working Station
Trolley 777.1 (for HM 3xx, HM 220/225, HM 245, S 6/8/10, EM 115)

The 12 VDC/24 VDC units offer space- and weight-saving application options, e.g. for fitting service trucks.

Dies sets

<table>
<thead>
<tr>
<th>Die sizes</th>
<th>Ø mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>233</td>
<td>6.8</td>
</tr>
<tr>
<td>239 &amp; 239-xx</td>
<td>6.8</td>
</tr>
<tr>
<td>265</td>
<td>54</td>
</tr>
<tr>
<td>266</td>
<td>54</td>
</tr>
<tr>
<td>280</td>
<td>6.8</td>
</tr>
<tr>
<td>237</td>
<td>54</td>
</tr>
<tr>
<td>554</td>
<td>57</td>
</tr>
<tr>
<td>243</td>
<td>103</td>
</tr>
<tr>
<td>246</td>
<td>136</td>
</tr>
<tr>
<td>247</td>
<td>96</td>
</tr>
<tr>
<td>298</td>
<td>200</td>
</tr>
</tbody>
</table>

* Special Dies
### Cutting Machines

- **EM 3 Ecoline**
- **EM 3 DC**
- **EM 4 DC**
- **EM 6 Ecoline**
- **EM 6 MVC/MVD**
- **EM 6 DC**
- **EM 6 M**
- **EM 8 P**

### Accessories for Cutting Machines

<table>
<thead>
<tr>
<th>Accessories</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>TU Table</td>
<td></td>
</tr>
<tr>
<td>S23.1 Counter set of EM 8.3 P</td>
<td></td>
</tr>
<tr>
<td>UMS 4 (UNIFLEX) Measuring device</td>
<td></td>
</tr>
<tr>
<td>UVC 100 Suction device</td>
<td></td>
</tr>
<tr>
<td>USH 4 (UNIFLEX) Hose storage</td>
<td></td>
</tr>
<tr>
<td>513.1 Plate for USH 4</td>
<td></td>
</tr>
<tr>
<td>330.1/330.2 Spark arrestor</td>
<td></td>
</tr>
<tr>
<td>UVC (UNIFLEX) vacuum cleaner</td>
<td></td>
</tr>
<tr>
<td>USH 4 (UNIFLEX) Hose storage</td>
<td></td>
</tr>
<tr>
<td>513.1 Plate for USH 4</td>
<td></td>
</tr>
<tr>
<td>UWT 2 (UNIFLEX) Hose coiling system + UMS 4 (UNIFLEX) Measuring device</td>
<td></td>
</tr>
<tr>
<td>UHG 14 (UNIFLEX) hose guide</td>
<td></td>
</tr>
<tr>
<td>UAT 4 (UNIFLEX) Coiling table</td>
<td></td>
</tr>
</tbody>
</table>

### Accessories Control C.2 for Crimpers

- **Caliper CnC 3**
- **Inch caliper**
- **TA**
- **Back stop**
- **Calib CnC**
- **calibration pin**
- **OCR CnC**
- **Barcode scanner**
- **PS.2 Double foot pedal**
- **C.2 Screen Guard BD7.2**
- **ULS (UNIFLEX) labeling system**
- **RFID CTRCC**
- **PFC (Pressure Force Control)** makes it possible to crimp pressure-sensitive work pieces, such as fiberglass insulators. Resulting in a stable connection that will endure extreme forces. PFC is based on the adjustability of the applied crimp force to take into account the individual material characteristics. This secures the highest quality of your products – without having to glue, screw or weld! It is a special demand for a machine crimping with PFC.

### Label

- **Exchange year**
  - 2019
  - 2020
  - 2021
  - 2022
  - 2023
  - 2024

- **Customized software**
  - www.uxinside.net

### Training & Info

- **UXInside**
- **www.uxinside.net**
- **Promote Quality!**

- **Training & Certification**
- **Online Registration via QR-Code**

- **Hose assembling with maximum safety**
- **Certification for Specialist workshop of hose assembling**

- **Certification**
  - **DMS**
  - **NEW**
  - **NEW**
  - **NEW**

- **Training & Info**
  - **Online Registration via QR-Code**

- **UDL (UNIFLEX) labeling system**

- **Customized software**
  - www.uxinside.net

- **Hose assembling with maximum safety**
  - **Certification for Specialist workshop of hose assembling**

- **Certification**
  - **DMS**
  - **NEW**
  - **NEW**
  - **NEW**