

# RESCUE TOOLS







## YOU CAN COUNT ON US, FOR LIFE

For over half a century, Holmatro has been developing the most innovative and powerful hydraulic equipment for rescuers worldwide. This catalog includes an important selection of our product range. For more tools and more information, please visit [www.holmatro.com](http://www.holmatro.com).

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# PENTHEON



**THE NEW SUPERIOR PENTHEON SERIES**  
**UNRESTRAINED PERFORMANCE FOR YOUR MISSION**

- CUTTERS -

- RAMS -

- COMBI TOOLS -

- SPREADERS -

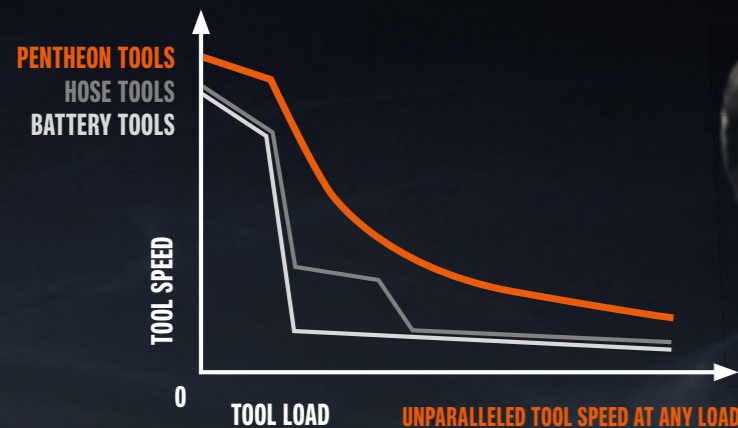


# UNPARALLELED SPEED STEPLESS SPEED MAXIMIZATION

**PATENTED**

Pentheon tools are the fastest rescue tools on the market. A revolutionary mechatronic system inside the tools continuously optimizes the motor and pump settings, to deliver a maximized oil flow over the full pressure range. This provides you, as a rescuer, with unparalleled tool speed at any load.

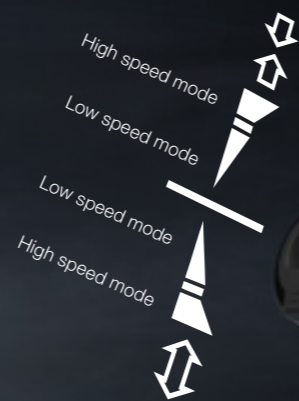
Where all other rescue tools show a significant decrease in speed when switching to another stage to deal with higher loads, Holmatro Pentheon tools stick to the ideal stepless speed curve.



# ULTIMATE CONTROL TWO-MODE CONTROL HANDLE FOR ULTIMATE SPEED CONTROL

In the rescue business speed is nothing without control. Every second counts, but since you are working near a patient you need to be careful. Therefore our Pentheon tools have ultimate speed control. A unique two-mode control handle offers you the choice, at any time during the rescue operation, to switch between the tool's high-speed and low-speed modes. Within these two modes, the speed is still proportional to how far you turn the handle to its left or right.

Experience ultimate control of the fastest rescue tools ever!



# BATTERY MANAGEMENT MADE EASY ON-TOOL CHARGING

Stop swapping batteries! From now on you can charge the battery while it's still on the tool. Simply connect the tool to the charger and the whole charging process will regulate itself. The battery on the tool always has priority over the one on the charger, which will resume charging when the battery on the tool is 100% full. You can connect up to 3 chargers to be powered from a single outlet. This allows you to charge 6 batteries without any management.



# MAGNETIC CONNECTOR

Easy connection and no disconnection required: Our On-Tool Charging Cord allows you to grab a tool and walk away with it. Thanks to the cord's magnetic connector the tool releases itself.



DISCOVER ALL FEATURES  
AND BENEFITS ON  
[HOLMATRO.COM/  
PENTHEON](http://HOLMATRO.COM/PENTHEON)



# CORE TECHNOLOGY

No. 1 in traditional rescue systems



# CORE OR CORDLESS?

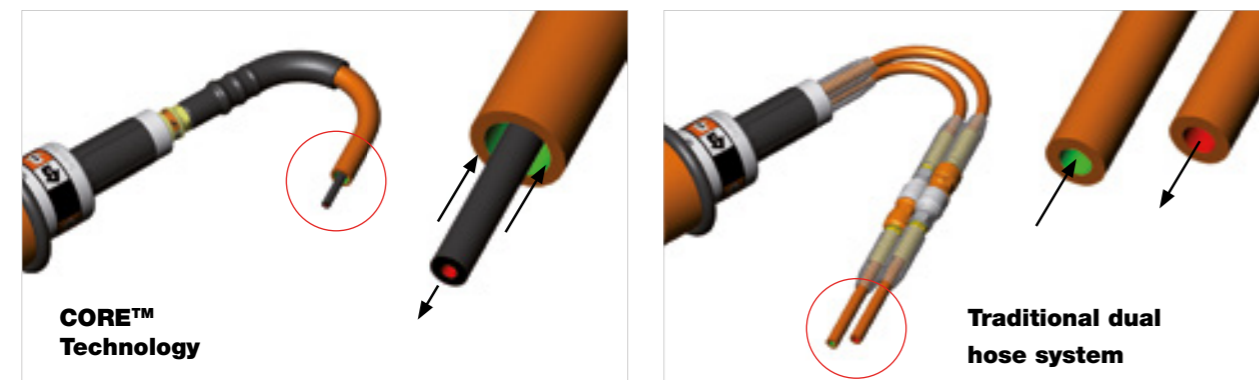


Same reliable performance, different benefits

## HOLMATRO CORE TECHNOLOGY HAS MADE RESCUE PROCEDURES QUICKER, EASIER AND SAFER



Back in 2005 Holmatro introduced a revolutionary new technology that would change the world of rescue and become the new international standard in hydraulic rescue sets. CORE stands for Coaxial Rescue Equipment and replaces the dual hose rescue tool set based on two (separate high- and low-pressure) hoses with four couplers and a valve on the pump for switching between tools. CORE tools only have one hose with one coupler on each end and eliminate the need to operate a valve on the pump, as they can be changed under flow. This saves precious set-up time and manpower. In addition, The CORE hose is a major step forward in safety. It consists of a high-pressure line inside (and protected by) the low pressure line. This design fully eliminates the risk of hydraulic injection.



## THE CHOICE IS YOURS

Whether you would like to keep working with a tool-hose-pump system or switch to the latest battery-powered equipment, Holmatro offers you the best of both worlds. It really all depends on what you prefer. While CORE tools are lighter and more compact, the new cordless Pentheon tools have the highest speed ever. Both solutions have their own benefits, but offer you the same reliable performance. Check the comparison below and feel free to contact your local dealer for a product demonstration.

| CORE TOOL-HOSE-PUMP SYSTEM   | CORDLESS PENTHEON TOOLS   |
|--|---|
| <ul style="list-style-type: none"> <li>Attached to a pump, mobility limited by hose length</li> <li>Set-up time</li> <li>More storage space</li> </ul> | <ul style="list-style-type: none"> <li>Self-contained, ultimate freedom of movement</li> <li>No set-up time, immediately ready for use</li> <li>Less storage space (no pump and hoses)</li> </ul> |
| <ul style="list-style-type: none"> <li>Emissions from the pump (petrol engine)</li> <li>More maintenance</li> </ul>                                    | <ul style="list-style-type: none"> <li>Emission-free</li> <li>Less maintenance (no pump and hoses, no yearly oil and spark plug replacement)</li> </ul>   |
| <ul style="list-style-type: none"> <li>Lower weight</li> <li>More compact dimensions</li> </ul>  | <ul style="list-style-type: none"> <li>Higher weight</li> <li>Slightly bigger</li> </ul>  |
| <ul style="list-style-type: none"> <li>Equipment diagnostics by authorized Holmatro Service Center</li> </ul>  | <ul style="list-style-type: none"> <li>Holmatro Diagnostics Software available including options for end users</li> </ul>   |



# INCLINED CUTTING

## THE 30° REVOLUTION

With its unique 30-degree angled jaw, the Holmatro Inclined Cutter improves user comfort and maximizes working space.

Available in various models, see pages 14 and 15.

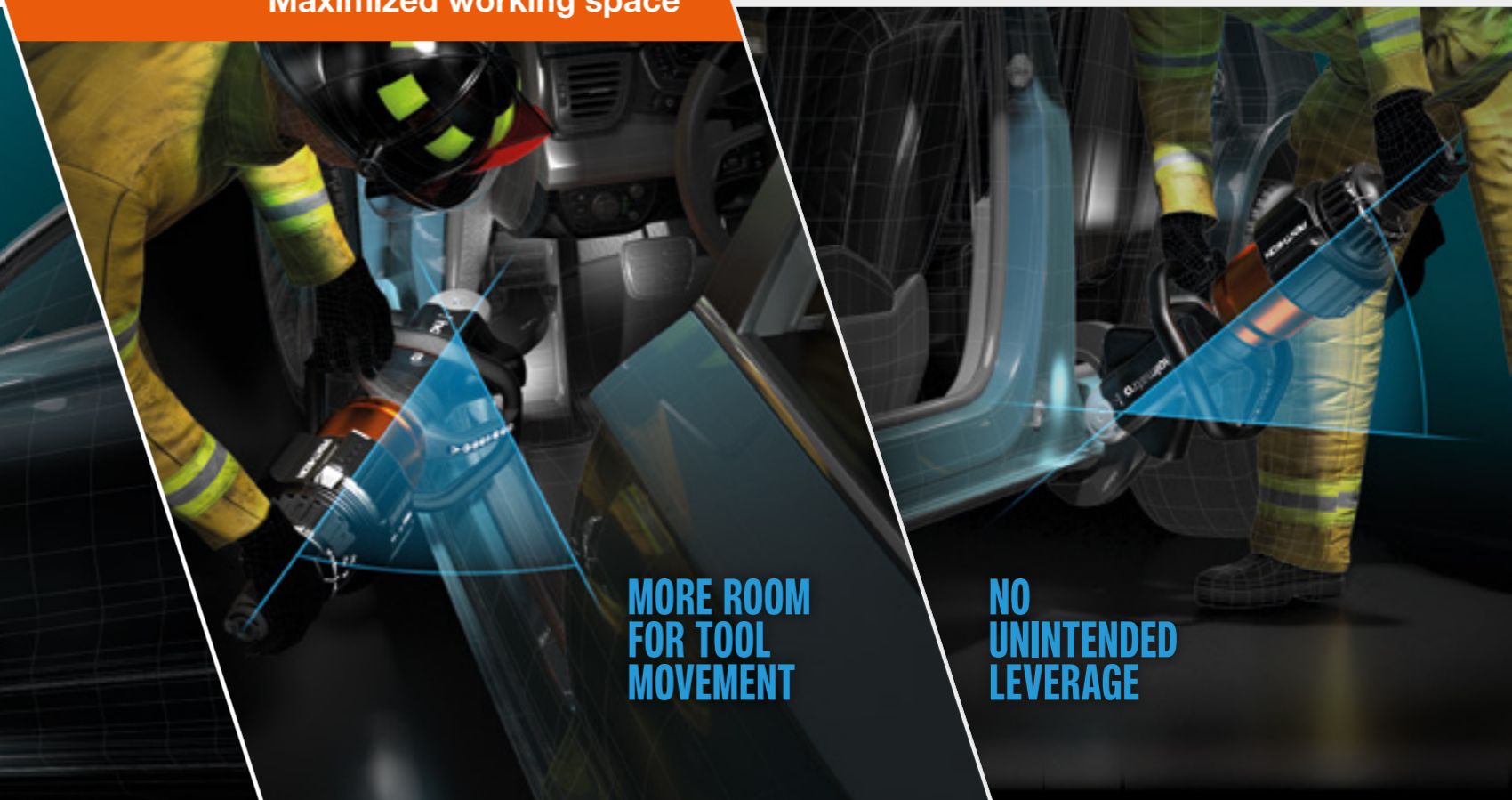
### Improved ergonomics



RELIEF OF NECK, BACK AND ARMS WHEN CUTTING HIGH

RELIEF OF NECK, BACK, ARMS AND LEGS WHEN CUTTING LOW

### Maximized working space



MORE ROOM FOR TOOL MOVEMENT

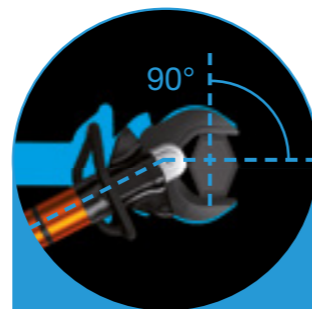
NO UNINTENDED LEVERAGE

#### When cutting high

The body of a car often needs to be cut high up. This means you need to lift the cutter to shoulder level or above. Physically, this is extremely demanding. The Holmatro Inclined Cutter allows users to cut materials well above waist level without unnecessary strain.

#### When cutting low

The same principle also applies when cutting low on the door hinge or the rocker channel. It is physically demanding, as you need to bend down putting undue strain on your back. Again, the Holmatro Inclined Cutter proves its value: the angled jaw makes cutting in low positions more comfortable.



Inclined cutter blades keep the ideal 90° angle towards the construction, required for effective cutting. Any other position will reduce cutting performance.

#### More room for tool movement

The Holmatro Inclined Cutter offers 30 degrees more working space between the tool and the car. It leaves more room for tool movement, which enhances patient safety and eliminates the need for repeated cutter repositioning.

#### No unintended leverage

When you need to cut at a low level - through the car's rocker channel, for example - the Holmatro Inclined Cutter with its tilted jaw doesn't need to be positioned close and parallel to the ground. This avoids unwanted leverage and vehicle displacement caused by the tool, which could worsen the patient's medical condition.

WATCH THE VIDEO OR  
REQUEST A DEMO ON  
[HOLMATRO.COM/  
INCLINED](https://www.holmatro.com/inclined)



# HOLMATRO NCT CUTTERS

## UNMATCHED PERFORMANCE

Holmatro's New Car Technology Cutters generate high forces and have excellent EN and NFPA performance scores. But in the end, the only thing that counts is their unmatched performance on actual vehicles during life-saving operations.

### Tested on the latest car models

At Holmatro we believe in true cutting performance which cannot be reflected by (theoretical) specifications on paper. That is why we keep testing our cutters on the latest and strongest vehicle models. Not only should they be able to perform well on today's toughest cars, they should also have a capacity reserve for the future, when even stronger cars will be driving on our roads. And the good news is: they do! Watch the video on [holmatro.com/en/test](http://holmatro.com/en/test).

### Ready for the future

With Holmatro cutters you are prepared for the future! During our tests we place an inline pressure gauge in the hose, so we can see how much capacity is left for when it gets even tougher.

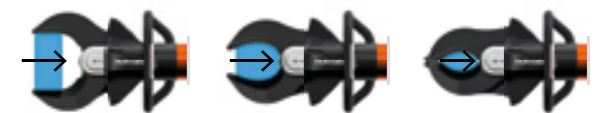
**TEST:**  
**BMW X3, B-PILLAR**  
**SINGLE CUT**  
**CUTTER: CU 5060 I**  
**AV. PRESSURE:**  
**300 OUT OF 720 BAR**



## THANKS TO SMART TOOL DESIGN

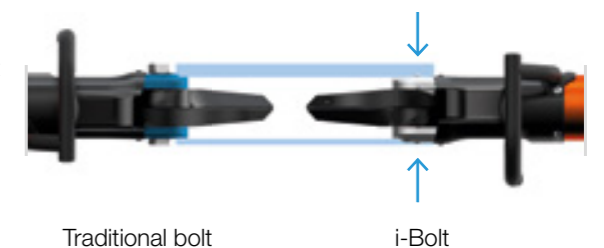
### NCT blade design

Holmatro's U-shaped New Car Technology blades pull even the strongest new car materials into the cutting recess where they are cut at the highest possible force.



### i-Bolt

Holmatro's patented flat central bolt construction (without a blade holder in between!) presses the blades together directly and more tightly. This minimizes blade separation and maximizes cutting performance. An additional advantage of the i-Bolt is that it fits into confined spaces.



### Optimized cutting edge

Holmatro's enhanced cutting edge design withstands wear and damage even better. It ensures a longer life of the blades and superior cutting performance.



**WATCH THE VIDEO ON**  
**HOLMATRO.COM/EN/TEST**



# PENTHEON CUTTERS



PCU50

| specifications                        | PCU30CL       | PCU40       | PCU50        | PCU60       |
|---------------------------------------|---------------|-------------|--------------|-------------|
| art. no. (excl. battery)              | 151.001.511   | 151.001.475 | 151.000.684  | 151.001.494 |
| cutter jaw                            | inclined      | inclined    | inclined     | inclined    |
| theoretical cutting force             | kN/t 549 / 56 | 764 / 77.9  | 1389 / 141.6 | 1765 / 180  |
| blade opening                         | mm 170        | 170         | 182          | 205         |
| weight, ready for use (incl. battery) | kg 15.3       | 19.0        | 21.5         | 25.0        |
| round bar                             | mm 31         | 36          | 41           | 47          |
| integrated lighting / i-Bolt          | √ / √         | √ / √       | √ / √        | √ / √       |

Pentheon - Batteries, chargers and cables (see page 34)

## Inclined Cutter

- More ergonomics when cutting high or low on the car and more space between the tool and the car/your patient when cutting pillars from the side.



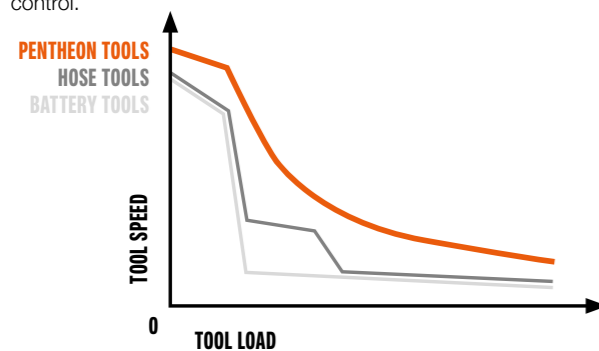
## Battery management made easy

- Stop swapping batteries! Holmatro introduces on-tool charging. The battery on the tool always has priority over the one on the charger. Charge up to 3 batteries simultaneously and up to 6 batteries without any management.



## Unparalleled speed & ultimate control

- Fastest rescue tools on the market, thanks to stepless speed maximization. With two-mode control handle for superior speed control.



Discover all features and benefits of the Holmatro Pentheon Series on [holmatro.com/pentheon](http://holmatro.com/pentheon)

# CORDLESS MINI CUTTER



CCU10

| specifications                        | CCU10           |
|---------------------------------------|-----------------|
| art. no. (incl. 2 x 2Ah battery)      | 151.001.500     |
| cutter jaw                            | inclined        |
| theoretical cutting force             | kN/t 220 / 22.4 |
| blade opening                         | mm 59           |
| weight, ready for use (incl. battery) | kg 4.9          |
| round bar                             | mm 22           |
| integrated lighting / i-Bolt          | √ / √           |

| required accessories             | art. no.    |
|----------------------------------|-------------|
| Battery charger CBCH1 (AC-EU)    | 151.002.112 |
| Battery charger CBCH5 (AC-UK)    | 151.002.113 |
| Battery charger CBCH7 (AC-AU/NZ) | 151.002.114 |
| Battery charger CBCH2 (AC-US)    | 159.000.212 |



## Cordless design

- Immediately ready for use
- Maximum operational freedom
- Requires minimal space in the rescue vehicle

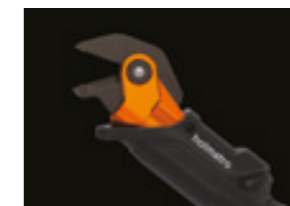


## Smart battery technology

- Up to 70 cuts with one 2Ah battery
- LED light powered by the main battery
- Part of the Cordless Alliance System (CAS): Battery compatible with other professional power tools

## Superior cutting performance

- Unique inclined cutter jaw for more freedom in positioning the tool
- Grip teeth on both blades for extra bite when cutting
- Suitable for cutting car pedals, steering wheels and head rests
- Also for cutting rebar (USAR), fences, steel bars and chains (grade 43)



## Optimum tool control

- Variable speed control: push the button further down to increase the tool's speed
- Start-stop mode to save valuable battery time
- Control slide to switch between opening and closing the tool





# CORE NCT CUTTERS - INCLINED

NCT = New Car Technology

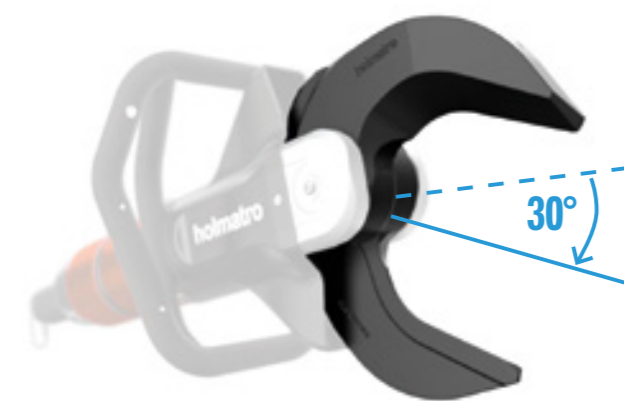


CU 5030 i CL

| specifications               | CU 5030 i CL      | CU 5040 i         | CU 5050 i         | CU 5060 i         |
|------------------------------|-------------------|-------------------|-------------------|-------------------|
| art. no.                     | 150.012.287       | 150.012.290       | 150.012.306       | 150.012.289       |
| cutter jaw                   | inclined          | inclined          | inclined          | inclined          |
| EN 13204                     | BC150F-9.5        | BC165I-13.2       | BC165K-15.9       | CC205K-19.6       |
| NFPA 1936                    | A6 B5 C6 D6 E6 F2 | A7 B7 C6 D7 E8 F3 | A8 B8 C7 D9 E9 F4 | A9 B9 C9 D9 E9 F4 |
| blade opening                | mm 170            | 170               | 182               | 205               |
| theoretical cutting force    | kN/t 549 / 56     | 764 / 77.9        | 1389 / 141.6      | 1765 / 180        |
| weight, ready for use        | kg 9.5            | 13.2              | 15.9              | 19.6              |
| round bar                    | mm 31             | 36                | 41                | 47                |
| integrated lighting / i-Bolt | ✓ / ✓             | ✓ / ✓             | ✓ / ✓             | ✓ / ✓             |

## Inclined cutter jaw

-Significantly reduces physical strain when cutting the vehicle at high or low levels. Also offers extra working space to improve patient safety and prevent repeated tool repositioning.



## Integrated LED lighting

- New LED lighting in the carrying handle: no less than six lights with a higher light output. You can start right away, both during the day and at night, without working in your own shadow.



## Ergonomic carrying handle

- Provides greater comfort in various working positions. The Inclined Cutter has one that goes all around the tool, so you can make use of the 30-degree advantage on either side of the vehicle.



# CORE NCT CUTTERS - TRADITIONAL

NCT = New Car Technology



CU 5030 CL

| specifications               | CU 5030 CL        | CU 5040           | CU 5050           | CU 5060           |
|------------------------------|-------------------|-------------------|-------------------|-------------------|
| art. no.                     | 150.012.286       | 150.012.279       | 150.012.300       | 150.012.288       |
| cutter jaw                   | straight          | straight          | straight          | straight          |
| EN 13204                     | BC150F-9.5        | BC165I-13.1       | BC165K-15.7       | CC205K-19.8       |
| NFPA 1936                    | A6 B5 C6 D6 E6 F2 | A7 B7 C6 D7 E8 F3 | A8 B8 C7 D9 E9 F4 | A9 B9 C9 D9 E9 F4 |
| blade opening                | mm 170            | 170               | 182               | 205               |
| theoretical cutting force    | kN/t 579 / 59     | 794 / 81          | 1412 / 144        | 1793 / 182.8      |
| weight, ready for use        | kg 9.5            | 13.1              | 15.7              | 19.8              |
| round bar                    | mm 31             | 36                | 41                | 47                |
| integrated lighting / i-Bolt | ✓ / ✓             | ✓ / ✓             | ✓ / ✓             | ✓ / ✓             |

## NCT blade design

- Holmatro's U-shaped New Car Technology blades pull even the strongest new car materials into the cutting recess where they are cut at the highest possible force.



## Integrated LED lighting

- New LED lighting in the carrying handle: no less than six lights with a higher light output. You can start right away, both during the day and at night, without working in your own shadow.

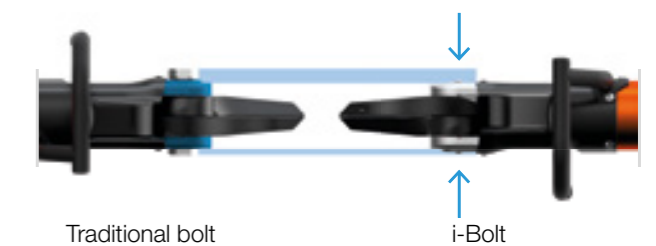


## Lighter and more ergonomic than ever

- Easy to carry and handle, reducing physical burden.

## i-Bolt Technology

- Holmatro's patented flat central bolt construction (without a blade holder in between!) presses the blades together directly and more tightly. This minimizes blade separation and maximizes cutting performance. An additional advantage of the i-Bolt is that it fits into confined spaces.



Traditional bolt

i-Bolt



# CORE GP CUTTERS - GENERAL PURPOSE



CU 5040 GP

| specifications               | CU 4007 C       | CU 5040 GP  |
|------------------------------|-----------------|-------------|
| art. no.                     | 150.012.232     | 150.012.328 |
| EN 13204                     | AC59B-3.8       | CC2011-13.7 |
| NFPA 1936                    | √               | √           |
| blade opening                | mm 59           | 280         |
| theoretical cutting force    | kN/t 220 / 22.4 | 794 / 81    |
| round bar                    | mm 20           | 36          |
| weight, ready for use        | kg 3.8          | 13.7        |
| integrated lighting / i-Bolt | -- / √          | √ / √       |

### The choice is yours

- A Holmatro NCT cutter if your main application is road traffic accidents.
- A Holmatro GP cutter if your application can be anything and varies from road traffic accidents to urban search and rescue, industrial accidents, train accidents, etc.



CU 4007 C

# PENTHEON SPREADERS



PSP40

| specifications                        | PSP40CL         | PSP40       | PSP50       | PSP60       |
|---------------------------------------|-----------------|-------------|-------------|-------------|
| art. no. (excl. battery)              | 151.001.502     | 151.000.685 | 151.001.657 | 151.001.663 |
| spreading distance                    | mm 510          | 725         | 725         | 820         |
| max. spreading force                  | kN/t 131 / 13.4 | 280 / 28.6  | 366 / 37.3  | 522 / 53.2  |
| min. spreading force (EN 13204)       | kN/t 43 / 4.4   | 43 / 4.4    | 54 / 5.5    | 62 / 6.3    |
| max. pulling force                    | kN/t 48 / 4.9   | 51.7 / 5.3  | 67 / 6.8    | 79 / 8.1    |
| max squeezing force                   | kN/t 47 / 4.8   | 59 / 6      | 135 / 13.8  | 127 / 13    |
| weight, ready for use (incl. battery) | kg 15.2         | 19.4        | 21.0        | 25.0        |
| integrated lighting                   | √               | √           | √           | √           |

Pentheon - Batteries, chargers and cables (see page 34)

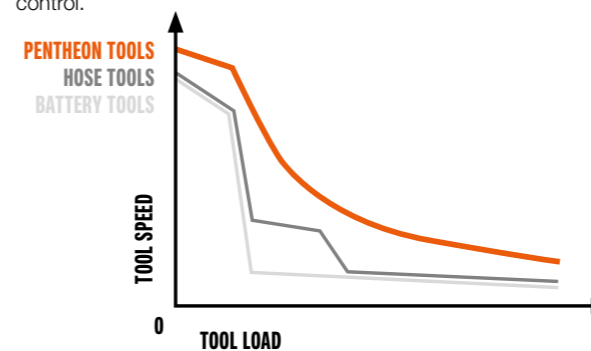
### Extreme grip spreader tips

- New design with pointed teeth at both sides that bite into the material. For a superior grip while spreading and crushing.



### Unparalleled speed & ultimate control

- Fastest rescue tools on the market, thanks to stepless speed maximization. With two-mode control handle for superior speed control.



### Battery management made easy

- Stop swapping batteries! Holmatro introduces on-tool charging. The battery on the tool always has priority over the one on the charger. Charge up to 3 batteries simultaneously and up to 6 batteries without any management.



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# CORE SPREADERS



SP 5240 CL

| specifications                  | SP 5240 CL      | SP 5240       | SP 5250       | SP 5260       |            |
|---------------------------------|-----------------|---------------|---------------|---------------|------------|
| art. no.                        | 150.012.322     | 150.012.323   | 150.012.324   | 150.012.325   |            |
| EN 13204                        | √ <sup>1)</sup> | AS41/725-14.5 | AS51/725-15.9 | BS62/822-19.6 |            |
| NFPA 1936                       | √               | √             | √             | √             |            |
| spreading distance              | mm              | 510           | 725           | 725           | 822        |
| max. spreading force            | kN/t            | 131 / 13.4    | 280 / 28.6    | 366 / 37.3    | 522 / 53.2 |
| min. spreading force (EN 13204) | kN/t            | 40 / 4.1      | 41 / 4.2      | 51 / 5.2      | 62 / 6.3   |
| max. pulling force              | kN/t            | 47 / 4.8      | 47 / 4.8      | 67 / 6.8      | 82 / 8.4   |
| max. squeezing force            | kN/t            | 47 / 4.8      | 59 / 6        | 135 / 13.8    | 127 / 13   |
| weight, ready for use           | kg              | 9.6           | 14.5          | 15.9          | 19.6       |
| integrated lighting             | √               | √             | √             | √             |            |

<sup>1)</sup> EN 13204 compliant, except for spreading distance

### Lighter than ever, no concessions

-Optimal performance to weight ratio.

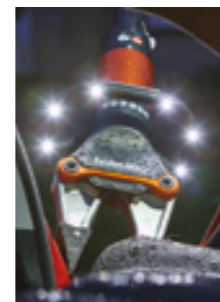
### Ergonomic carrying handle

-New design increases operator comfort in various working positions.



### New LED lighting in the carrying handle

- No less than six LED lights with a higher light output  
 - You can start your job right away, both during the day and at night, without working in your own shadow



# SPREADERS - ACCESSORIES



| accessories | for Pentheon model  | for CORE model            | art. no.                         |             |
|-------------|---|---------------------------|----------------------------------|-------------|
| 1           | Pulling attachment set PAS 01   | PSP40CL                   | SP 5240 CL                       | 150.182.273 |
|             | Pulling attachment set PAS 02   | PSP40<br>PSP50            | SP 5240<br>SP 5250               | 150.182.274 |
|             | Pulling attachment set PAS 03   | PSP60                     | SP 5260                          | 150.182.275 |
| 2           | Pulling chain set PCS 01  | PSP40CL<br>PSP40<br>PSP50 | SP 5240 CL<br>SP 5240<br>SP 5250 | 150.582.152 |
|             | Pulling chain set PCS 03  | PSP60                     | SP 5260                          | 150.582.261 |
| 3           | Pulling chain set in case PCS 02  | PSP40CL<br>PSP40<br>PSP50 | SP 5240 CL<br>SP 5240<br>SP 5250 | 150.582.021 |
|             | Pulling chain set in case PCS 04  | PSP60                     | SP 5260                          | 150.582.020 |
| 4           | Cutting tip set CTS 01  | PSP40<br>PSP50            | SP 5240<br>SP 5250               | 150.006.474 |
|             | Cutting tip set CTS 02  | PSP60                     | SP 5260                          | 150.006.466 |
| 5           | Accessory set in case ACS 01<br>(2 spreading tips, 2 pulling attachments)                 | PSP40CL                   | SP 5240 CL                       | 150.182.289 |
| 6           | Accessory set in case ACS 02<br>(2 cutting tips, 2 spreading tips, 2 pulling attachments) | PSP40<br>PSP50            | SP 5240<br>SP 5250               | 150.182.288 |
|             | Accessory set in case ACS 05<br>(2 cutting tips, 2 spreading tips, 2 pulling attachments) | PSP60                     | SP 5260                          | 151.002.019 |



# PENTHEON COMBI TOOLS



PCT11

| specifications                        | PCT11             | PCT14        |
|---------------------------------------|-------------------|--------------|
| art. no. (excl. battery)              | 151.001.469       | 151.001.570  |
| spreading distance                    | mm 281            | 362          |
| max. spreading force                  | kN/t 1350 / 137.7 | 1350 / 137.7 |
| min. spreading force (EN 13204)       | kN/t 48 / 4.9     | 33 / 3.4     |
| max. cutting opening                  | mm 196            | 277          |
| theoretical cutting force             | kN/t 268 / 27.3   | 268 / 27.3   |
| max. squeezing force                  | kN/t 44 / 4.5     | 34 / 3.5     |
| max. pulling force                    | kN/t --           | --           |
| weight, ready for use (incl. battery) | kg 13.8           | 14.2         |
| round bar                             | mm 24             | 24           |
| integrated lighting / i-Bolt          | √ / √             | √ / √        |

Pentheon - Batteries, chargers and cables (see page 34)

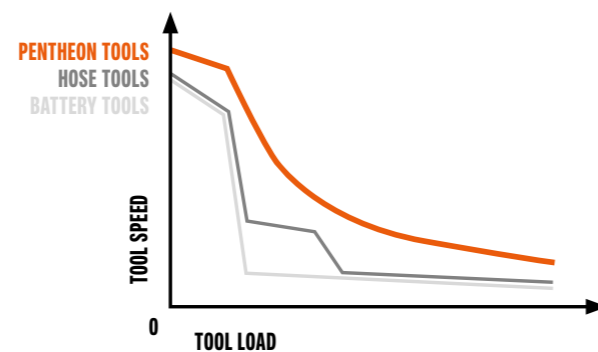
### Compact, lightweight and well-balanced

- Easy to carry, handle, transport and store
- Ideal for use in confined spaces



### Unparalleled speed & ultimate control

- Fastest rescue tools on the market, thanks to stepless speed maximization. With two-mode control handle for superior speed control.



Discover all features and benefits of the Holmatro Pentheon Series on [holmatro.com/pentheon](http://holmatro.com/pentheon)

# PENTHEON COMBI TOOLS



PCT50

| specifications                        | PCT50             | PCT60        |
|---------------------------------------|-------------------|--------------|
| art. no. (excl. battery)              | 151.000.529       | 151.001.421  |
| spreading distance                    | mm 380            | 468          |
| max. spreading force                  | kN/t 1860 / 189.7 | 1860 / 189.7 |
| min. spreading force (EN 13204)       | kN/t 43 / 4.4     | 44.5 / 4.5   |
| max. cutting opening                  | mm 320            | 394          |
| theoretical cutting force             | kN/t 670 / 68.3   | 929 / 94.7   |
| max. squeezing force                  | kN/t 87 / 8.9     | 87.9 / 9     |
| max. pulling force                    | kN/t 104 / 10.6   | 105 / 10.7   |
| weight, ready for use (incl. battery) | kg 20.3           | 23.4         |
| round bar                             | mm 36             | 40           |
| integrated lighting / i-Bolt          | √ / √             | √ / √        |

Pentheon - Batteries, chargers and cables (see page 34)

### Battery management made easy

- Stop swapping batteries! Holmatro introduces on-tool charging. The battery on the tool always has priority over the one on the charger. Charge up to 3 batteries simultaneously and up to 6 batteries without any management.



### Removable tips (models PCT50 and 60)

- The tips can be easily removed by hand. To cut material without crushing it.



### Grip tooth / teeth at the inside of each combi tool blade (models PCT50 and 60)

- These prevent the material from being pushed out during cutting.



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# CORE COMBI TOOLS



CT 5111

| specifications                                | CT 5111           | CT 5111 ST        | CT 5114           | CT 5114 ST        |
|---|-------------------|-------------------|-------------------|-------------------|
| art. no.                                      | 150.012.307       | 150.012.309       | 151.000.404       | 151.000.518       |
| EN 13204                                      | BK48/281-E-8.0    | BK48/281-E-7.9    | BK33/362-E-8.5    | BK33/362-E-8.4    |
| NFPA 1936                                     | A5 B5 C5 D6 E4 F3 | A5 B5 C5 D6 E4 F3 | A5 B5 C5 D6 E4 F3 | A5 B5 C5 D6 E4 F3 |
| spreading distance                            | mm 281            | 281               | 362               | 362               |
| max. spreading force                          | kN/t 1350 / 137.7 | 1350 / 137.7      | 1350 / 137.7      | 1350 / 137.7      |
| min. spreading force EN 13204                 | kN/t 48 / 4.9     | 48 / 4.9          | 33 / 3.4          | 33 / 3.4          |
| max. cutting opening                          | mm 196            | 196               | 277               | 277               |
| theoretical cutting force                     | kN/t 268 / 27.3   | 268 / 27.3        | 268 / 27.3        | 268 / 27.3        |
| max. squeezing force                          | kN/t 44 / 4.5     | 44 / 4.5          | 34 / 3.5          | 34 / 3.5          |
| round bar                                     | mm 24             | 24                | 24                | 24                |
| weight, ready for use                         | kg 8.0            | 7.9               | 8.5               | 8.4               |
| integrated lighting / i-Bolt/ rotating handle | √ / √ / --        | -- / √ / √        | √ / √ / --        | -- / √ / √        |

## Lightweight

- Easy to carry and handle, reducing physical burden.

## 360° rotatable, flat foldable carrying handle - ST models

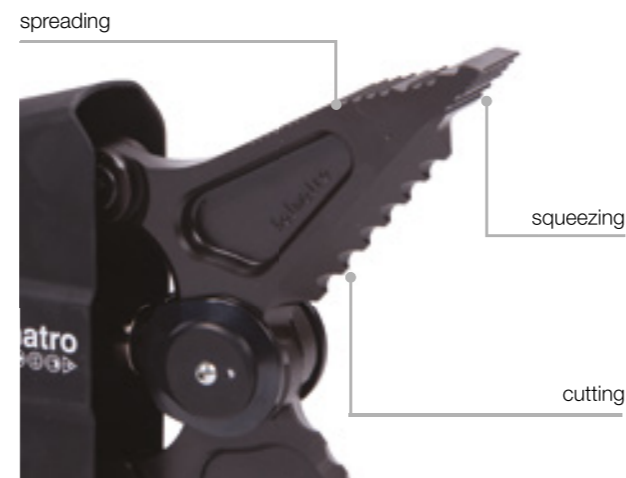
- 11 locking positions for use at any angle.



CT 5114 ST

## Multifunctional

- Cutting, spreading and squeezing with one tool.



# CORE COMBI TOOLS



CT 5160

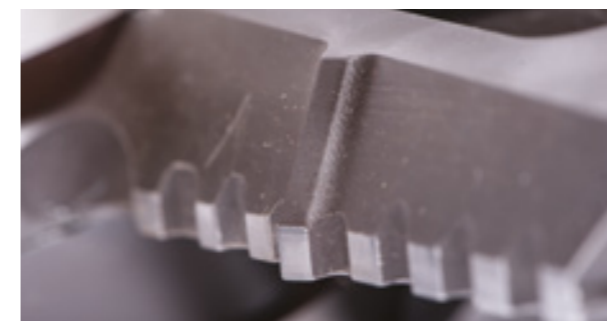
| specifications                | CT 5150           | CT 5160           |
|-------------------------------|-------------------|-------------------|
| art. no.                      | 151.001.058       | 150.012.330       |
| EN 13204                      | CK43/380-J-14.8   | CK45/468J-17.6    |
| NFPA 1936                     | A7 B8 C8 D8 E8 F3 | A8 B9 C8 D9 E9 F4 |
| spreading distance            | mm 380            | 468               |
| max. spreading force          | kN/t 1860 / 189.7 | 1860 / 189.7      |
| min. spreading force EN 13204 | kN/t 43 / 4.4     | 44.5 / 4.5        |
| max. cutting opening          | mm 320            | 394               |
| theoretical cutting force     | kN/t 670 / 68.3   | 929 / 94.7        |
| max. squeezing force          | kN/t 87 / 8.9     | 87.9 / 9          |
| max. pulling force            | kN/t 104 / 10.6   | 105 / 10.7        |
| round bar                     | mm 36             | 40                |
| weight, ready for use         | kg 14.8           | 17.6              |
| integrated lighting / i-Bolt  | √ / √             | √ / √             |

## Large spreading distance and cutting opening - CT 5160

- Gives you great operational flexibility. Cuts wider materials and creates all the space you need.

## Unique grip tooth

- For extra bite when cutting. To prevent wider materials from being pushed out of the blades.



## Removable spreading tips

- To finish a cut without crushing material between the tips. Designed in one piece to prevent losing parts. Quick single-handed removal. With reflective markings for optimal visibility.





# HAND-OPERATED COMBI TOOLS



HCT 5111

| specifications                                 | HCT 5111          | HCT 5111 ST    | HCT 5114       | HCT 5114 ST    |
|--|-------------------|----------------|----------------|----------------|
| art. no.                                       | 150.012.314       | 150.012.316    | 151.000.561    | 151.000.580    |
| EN 13204 classification                        | BK48/281-E-8.8    | BK48/281-E-8.7 | BK33/362-E-9.2 | BK33/362-E-9.1 |
| spreading                                      | mm 281            | 281            | 362            | 362            |
| max. spreading force                           | kN/t 1350 / 137.7 | 1350 / 137.7   | 1350 / 137.7   | 1350 / 137.7   |
| min. spreading force (EN 13204)                | kN/t 48 / 4.9     | 48 / 4.9       | 33 / 3.4       | 33 / 3.4       |
| max. cutting opening                           | mm 196            | 196            | 277            | 277            |
| theoretical cutting force                      | kN/t 268 / 27.3   | 268 / 27.3     | 268 / 27.3     | 268 / 27.3     |
| max. squeezing force                           | kN/t 44 / 4.5     | 44 / 4.5       | 34 / 3.5       | 34 / 3.5       |
| weight, ready for use                          | kg 8.8            | 8.7            | 9.2            | 9.1            |
| round bar                                      | mm 24             | 24             | 24             | 24             |
| integrated lighting / i-Bolt / rotating handle | √ / √ / --        | -- / √ / √     | √ / √ / --     | -- / √ / √     |

### Self-contained with integrated 2-stage pump

- For optimal freedom of movement.
- Rapid deployment: simply fold out the pump handle and start pumping.

### Pump handle foldable and rotatable

- Easy carrying and storage.
- Can be used in any position.
- Also easy to use in confined spaces.

### 360° rotatable, flat foldable carrying handle

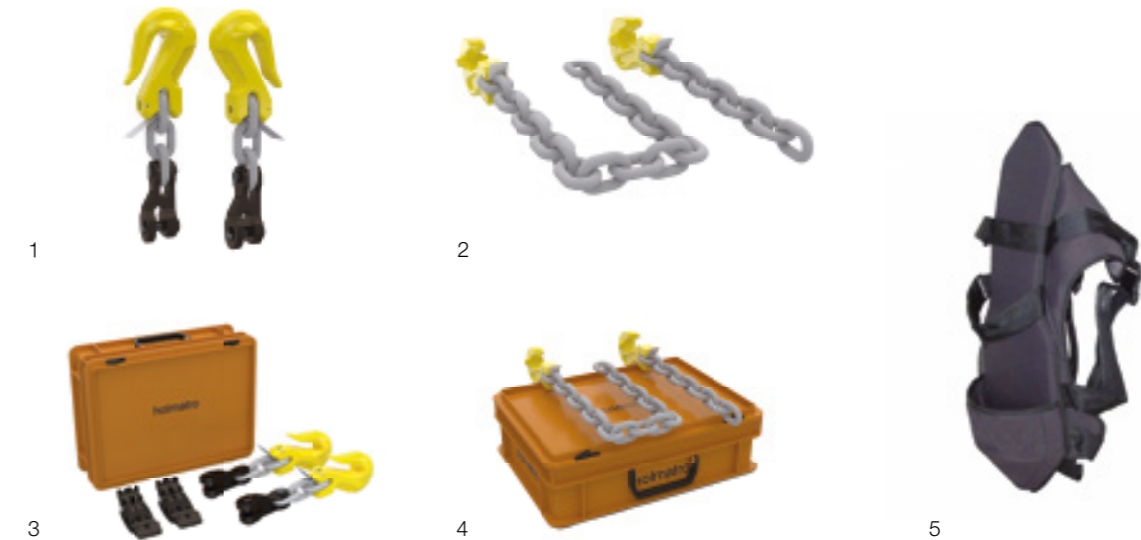
- 11 locking positions for use at almost any angle:  
HCT 5111 / 5114 ST.



HCT 5111 ST



# COMBI TOOLS - ACCESSORIES



| accessories                        | for Pentheon model | for CORE model     | for hand-operated model                            | art. no.    |
|------------------------------------|--------------------|--------------------|--|-------------|
| 1 Pulling attachment set PAS 07    | PCT50<br>PCT60     | CT 5150<br>CT 5160 |  | 150.182.078 |
| 2 Pulling chain set PCS 03         | PCT50<br>PCT60     | CT 5150<br>CT 5160 |  | 150.582.261 |
| 3 Accessory set in case ACS 04     | PCT50<br>PCT60     | CT 5150<br>CT 5160 |  | 150.182.365 |
| 4 Pulling chain set in case PCS 04 | PCT50<br>PCT60     | CT 5150<br>CT 5160 |  | 150.582.020 |
| 5 Carrying / backpack harness      |                    |                    | HCT 5111<br>HCT 5114<br>HCT 5111 ST<br>HCT 5114 ST | 150.553.115 |



# PENTHEON RAMS - TELESCOPIC



PTR50

| specifications                        | PTR40           | PTR50       |
|---------------------------------------|-----------------|-------------|
| art. no. (excl. battery)              | 151.001.653     | 151.001.968 |
| spreading force 1st plunger           | kN/t 136 / 13.9 | 136 / 13.9  |
| spreading force 2nd plunger           | kN/t 65 / 6.6   | 65 / 6.6    |
| spreading stroke 1st plunger          | mm 215          | 405         |
| spreading stroke 2nd plunger          | mm 192          | 382         |
| (total) spreading stroke              | mm 407          | 787         |
| retracted / extended length           | mm 385 / 792    | 578 / 1365  |
| weight, ready for use (incl. battery) | kg 15.5         | 19.9        |
| integrated lighting / laser pointer   | √ / √           | √ / √       |

Pentheon - Batteries, chargers and cables (see page 34)

## Smart ram extension

-When you connect the optional extension pipe the ram will automatically adapt its force to the new maximum length. Now you have one ram for all applications, including cross ramming from one side of the car to the other.



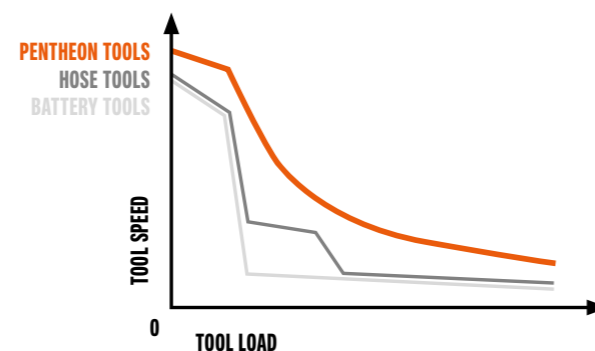
## Integrated laser pointer

-Integrated in the ram head, the laser pointer marks the exact spot where the ram will touch the car construction. It helps you position the tool first time right, which saves time and is safer for the patient. If you would need to retract the ram to reposition it, the car construction could spring back and re-entrap your patient. The laser pointer can help you avoid this risk.



## Unparalleled speed & ultimate control

-Fastest rescue tools on the market, thanks to stepless speed maximization. With two-mode control handle for superior speed control.



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# PENTHEON RAMS - SINGLE PLUNGER



PRA40

| specifications                        | PRA40           | PRA50       |
|---------------------------------------|-----------------|-------------|
| art. no. (excl. battery)              | 151.001.685     | 151.001.669 |
| spreading force                       | kN/t 136 / 13.9 | 136 / 13.9  |
| spreading stroke                      | mm 215          | 407         |
| retracted / extended length           | mm 385 / 600    | 578 / 985   |
| weight, ready for use (incl. battery) | kg 14.2         | 17.9        |
| integrated lighting / laser pointer   | √ / √           | √ / √       |

Pentheon - Batteries, chargers and cables (see page 34)

## Smart ram extension

-When you connect the optional extension pipe the ram will automatically adapt its force to the new maximum length. Now you have one ram for all applications, including cross ramming from one side of the car to the other.



## Double carrying handle

-For easy tool placement on both sides of the car and easier holding of the ram inside the car, where space is limited.  
-Made of a high-grade synthetic polymer: an extremely tough and elastic material that always returns into its original shape. Damage-proof!



## Battery management made easy

-Stop swapping batteries! Holmatro introduces on-tool charging. The battery on the tool always has priority over the one on the charger. Charge up to 3 batteries simultaneously and up to 6 batteries without any management.



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## CORE RAMS - TELESCOPIC



TR 5350 LP

| specifications                                    | TR 5340 LP            | TR 5350 LP             | TR 5370 LP             |
|---|-----------------------|------------------------|------------------------|
| art. no.  | 150.032.102           | 150.032.101            | 150.032.100            |
| EN 13204  | TR217/150-101/125-9.2 | TR217/375-101/350-14.6 | TR231/450-111/425-16.9 |
| NFPA 1936   | √                     | √                      | √                      |
| spreading force 1st plunger                       | kN/t 217 / 22.1       | 217 / 22.1             | 231 / 23.6             |
| spreading force 2nd plunger                       | kN/t 101 / 10.3       | 101 / 10.3             | 111 / 11.3             |
| spreading stroke 1st plunger                      | mm 150                | 375                    | 450                    |
| spreading stroke 2nd plunger                      | mm 125                | 350                    | 425                    |
| (total) spreading stroke                          | mm 275                | 725                    | 875                    |
| plunger type                                      | telescopic            | telescopic             | telescopic             |
| retracted/extended length                         | mm 335 / 610          | 560 / 1285             | 635 / 1510             |
| weight, ready for use                             | kg 9.2                | 14.6                   | 16.9                   |
| speed valve / integrated lighting / laser pointer | √ / √ / √             | √ / √ / √              | √ / √ / √              |

### Integrated laser pointer – patent pending

- To help you hit the right spot in one go, which saves time and is safer for the patient.



## CORE RAMS - SINGLE AND DOUBLE PLUNGER



RA 5332

| specifications                    | RA 5311 CL      | RA 5313 CL   | RA 5315 CL   | RA 5321       | RA 5331       | RA 5322       | RA 5332       |
|-----------------------------------|-----------------|--------------|--------------|---------------|---------------|---------------|---------------|
| art. no.                          | 150.032.119     | 150.032.120  | 150.032.121  | 151.000.389   | 151.000.391   | 151.000.388   | 151.000.390   |
| EN 13204                          | R100/150-6.4    | R100/250-7.8 | R100/400-9.8 | R150/250-10.7 | R150/340-12.5 | R150/500-15.8 | R150/680-19.3 |
| NFPA 1936                         | √               | √            | √            | √             | √             | √             | √             |
| spreading force over full stroke  | kN/t 100 / 10.2 | 100 / 10.2   | 100 / 10.2   | 150 / 15.3    | 150 / 15.3    | 150 / 15.3    | 150 / 15.3    |
| (total) spreading stroke          | mm 150          | 250          | 400          | --            | --            | --            | --            |
| spreading / pulling stroke        | mm --           | --           | --           | 250           | 340           | 500           | 680           |
| pulling force over full stroke    | kN/t --         | --           | --           | 28 / 2.9      | 28 / 2.9      | 28 / 2.9      | 28 / 2.9      |
| plunger type                      | single          | single       | single       | single        | single        | double        | double        |
| retracted/extended length         | mm 320 / 470    | 415 / 665    | 567 / 967    | 515 / 765     | 615 / 955     | 750 / 1.250   | 950 / 1.630   |
| weight, ready for use             | kg 6.4          | 7.8          | 9.8          | 10.7          | 12.5          | 15.8          | 19.3          |
| speed valve / integrated lighting | √ / --          | √ / --       | √ / --       | -- / √        | -- / √        | -- / √        | -- / √        |

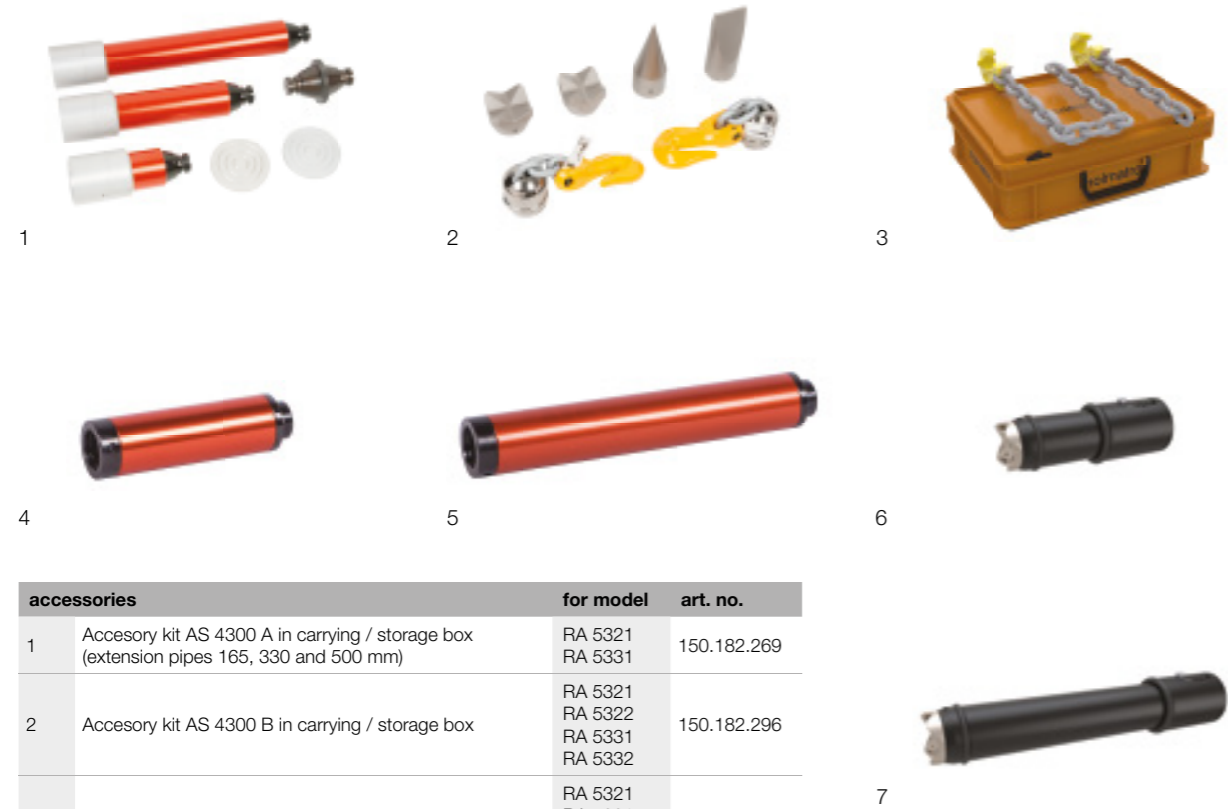
### Protective strips on housing

- To protect the tool from damage when putting it on the ground.





# RAMS - ACCESSORIES



| accessories   | for model                                | art. no.    |
|---|--|-------------|
| 1 Accessory kit AS 4300 A in carrying / storage box (extension pipes 165, 330 and 500 mm) | RA 5321<br>RA 5331                       | 150.182.269 |
| 2 Accessory kit AS 4300 B in carrying / storage box                                       | RA 5321<br>RA 5322<br>RA 5331<br>RA 5332 | 150.182.296 |
| 3 Pulling chain set in case PCS 02  | RA 5321<br>RA 5331<br>RA 5322<br>RA 5332 | 150.582.021 |
| 4 Extension pipe TRE 01 250 mm  | TR 5340 LP                               | 150.182.337 |
| 5 Extension pipe TRE 02 450 mm  | TR 5340 LP                               | 150.182.336 |
| 6 Extension pipe TRE04 220 mm   | PTR40<br>PTR50<br>PRA40<br>PRA50         | 151.001.771 |
| 7 Extension pipe TRE05 440 mm   | PTR40<br>PTR50<br>PRA40<br>PRA50         | 151.001.902 |
| Rim adapter set, in carrying / storage box (see page 50)                                  |  | 150.182.580 |

Ram support HRS 22 (NCT) (see page 50)  
Cross ram support set XRS01 (see page 50)





# PENTHEON - BATTERIES, CHARGERS AND CABLES



| required accessories               | art. no.    |
|------------------------------------|-------------|
| 1 Battery PBPA287 (7.0 Ah)         | 151.000.583 |
| accessories                        | art. no.    |
| Battery Charger PBCH1 (AC-EU)      | 151.000.629 |
| Battery Charger PBCH2 (AC-US)      | 151.000.742 |
| Battery Charger PBCH3 (DC)         | 151.000.632 |
| 2 Battery Charger PBCH4 (AC-JP)    | 151.000.630 |
| Battery Charger PBCH5 (AC-UK)      | 151.000.631 |
| Battery Charger PBCH6 (AC-KR)      | 151.001.209 |
| Battery Charger PBCH7 (AC-CN)      | 151.001.518 |
| Battery Charger PBCH8 (AC-IN)      | 151.001.519 |
| Mains Power Connector PMC1 (EU)    | 151.000.633 |
| Mains Power Connector PMC2 (US)    | 151.000.743 |
| Mains Power Connector PMC4 (JP)    | 151.000.634 |
| Mains Power Connector PMC5 (UK)    | 151.000.635 |
| 3 Mains Power Connector PMC6 (KR)  | 151.001.304 |
| Mains Power Connector PMC7 (CN)    | 151.001.642 |
| Mains Power Connector PMC8 (IN/ZA) | 151.001.643 |
| Mains Power Connector PMC9 (AU/NZ) | 151.001.826 |
| Mains Power Connector PMC10 (BR)   | 151.001.830 |
| 4 Tool Diagnostic Cord PTDC1       | 151.000.508 |
| 5 Battery Diagnostic Tool PBDD1    | 151.000.509 |
| 6 On-Tool Charging Cord POTC1      | 151.000.499 |
| 7 Daisy Chain Power Cord DCPC1     | 151.000.503 |



# BACKPACK PUMP



Backpack Pump GBP10EVO3

| specifications                         | GBP10EVO3                                     |
|--|---|
| art. no. (excl. battery)               | 151.001.496                                   |
| engine                                 | electric, battery-driven: 28 VDC - 700 W      |
| pump type                              | 2-stage axial                                 |
| number of tool connections             | 1   |
| capacity oil tank cc                   | 635   |
| capacity oil tank (effective) cc       | 425   |
| weight, ready for use <sup>1)</sup> kg | 7.5   |
| continuous operation per battery       | 30 minutes during common vehicle extrications |

<sup>1)</sup> including battery, hydraulic oil and coupler



| required accessories                         | for model   | art. no.    |
|--|-------------|-------------|
| 1 Battery BPA 286 (6.0 Ah)                   | GBP10EVO3   | 151.000.307 |
| accessories                                  | art. no.    |             |
| Battery charger BCH1 (220 - 240 VAC)         | 150.182.208 |             |
| 2 Battery charger BCH2 (100 - 120 VAC)       | GBP10EVO3   | 150.182.209 |
| Battery car charger BCH3, 12-24 VDC          | 150.182.286 |             |
| 3 Battery pouch                              | GBP10EVO3   | 150.182.214 |
| 4 Mains power connector BMC1 (220 - 240 VAC) | GBP10EVO3   | 150.182.206 |
| Mains power connector BMC2 (100 - 120 VAC)   | 150.182.207 |             |

### Emission-free

- Ideal for powering rescue equipment in confined spaces like tunnels, trains and collapsed buildings
- Healthier for rescuers and patients

### All weather proof

- Suitable for use at below zero temperatures, down to -20° C
- Suitable for use in wet weather conditions



# SPIDER RANGE PUMPS - SR 10



SR 10 PC 1 E

| specifications                      | SR 10 PC 1              | SR 10 PC 1 E            |
|-------------------------------------|-------------------------|-------------------------|
| art. no.                            | 150.152.690             | 150.152.691             |
| EN 13204 <sup>1)</sup>              | STO                     | STO                     |
| NFPA 1936                           | √                       | √                       |
| engine                              | petrol: 2.1 HP - 1.6 kW | petrol: 2.1 HP - 1.6 kW |
| pump type                           | 3-stage axial           | 3-stage axial           |
| number of tool connections          | 1                       | 1                       |
| capacity oil tank                   | cc 2840                 | 2840                    |
| weight, ready for use <sup>2)</sup> | kg 14.5                 | 15.2                    |

<sup>1)</sup> EN 13204: STO = Single Tool Operation | <sup>2)</sup> including hydraulic and engine oil, fuel and coupler

## Large hydraulic oil capacity

- Pump can be used with any tool including the biggest rams.

## ECO mode - SR 10 PC 1 E

- For optimal reduction of noise and fuel consumption.
- Less noise means less stress for patients and easier on-scene communication.
- Reduced fuel consumption extends the pump's operation time.



## Hydraulic oil level indicator

- For quick and easy monitoring of oil level from the outside of the pump.
- Also on SR 20 (see page 41).



## Soft-grip carrying handle

- Better grip.
- Ergonomic design for improved carrying balance: pump easier to carry.

| SR 10 - accessories                                     | art. no.    |
|---|-------------|
| Quick Fix & Release Bracket (see page 41) <sup>1)</sup> | 150.062.188 |
| Mounting plate pump side                                | 150.062.189 |
| Angled mounting plate truck side                        | 150.062.193 |
| LED light Spider range                                  | 590.000.343 |
| CORE elbow connector                                    | 150.182.176 |

<sup>1)</sup> delivered with fastening material

## 3-stage pump technology

- Much higher flow/speed in 2nd stage for quicker rescue operations.
- Lower flow/speed in 3rd stage for more tool control.

## Compact and lightweight

- Ergonomic design.
- Easy to carry.
- Easy to store.



# SPIDER RANGE PUMPS - SR 20



SR 20 PC 2 E

| specifications                      | SR 20 PC 2              | SR 20 PC 2 E            | SR 20 DC 2                                |
|-------------------------------------|-------------------------|-------------------------|---|
| art. no.                            | 151.000.856             | 151.000.857             | 150.152.730                               |
| EN 13204 <sup>1)</sup>              | MTO                     | MTO                     | MTO                                       |
| NFPA 1936                           | √                       | √                       | √   |
| engine                              | petrol: 3,3 HP - 2,5 kW | petrol: 3,3 HP - 2,5 kW | electric: 230 VAC - 1,8 kW - 50 Hz - 1 Ph |
| pump type                           | 2 x 3-stage axial pump  | 2 x 3-stage axial pump  | 3-stage axial pump                        |
| number of tool connections          | 2                       | 2                       | 2   |
| capacity oil tank                   | cc 4340                 | 4340                    | 4340                                      |
| weight, ready for use <sup>2)</sup> | kg 23,2 <sup>2)</sup>   | 23,3 <sup>2)</sup>      | 34,0 <sup>3)</sup>                        |

<sup>1)</sup> EN 13204: STO = Single Tool Operation, MTO = Multiple Tool Operation | <sup>2)</sup> including hydraulic and engine oil, fuel and couplers | <sup>3)</sup> including hydraulic oil and coupler(s)

## 3-stage pump technology

- Much higher flow/speed in 2nd stage for quicker rescue operations.
- Lower flow/speed in 3rd stage for more tool control.

## Large hydraulic oil capacity

- Pump can be used with any tool including the biggest rams (STO model).
- Enough oil to operate any two rescue tools at the same time (MTO models).

## Compact and lightweight

- Ergonomic design.
- Easy to carry.
- Easy to store.

## ECO mode - SR 20 PC 2 E

- For optimal reduction of noise and fuel consumption.
- Less noise means less stress for patients and easier on-scene communication.
- Reduced fuel consumption extends the pump's operation time.

| SR 20 - accessories                       | art. no.    |
|---|-------------|
| Quick Fix & Release Bracket <sup>1)</sup> | 150.062.188 |
| Mounting plate pump side                  | 150.062.190 |
| Angled mounting plate truck side          | 150.062.193 |
| LED light Spider range                    | 590.000.343 |
| CORE elbow connector                      | 150.182.176 |

<sup>1)</sup> delivered with fastening material

## Quick Fix & Release Bracket (optional)\*

- For quick and easy access to the pump in your rescue vehicle.
- Saves time during rescue operations.
- Saves space in rescue vehicle.
- Less physical strain on rescuers when pulling out and putting back the pump.

\* not for SR 20 DC 2





# SPIDER RANGE PUMPS - SR 32



SR 32 DC 2 W

| specifications                      | SR 32 PC 2 W            | SR 32 DC 2 W                              |
|-------------------------------------|-------------------------|---|
| art. no.                            | 151.000.861             | 150.152.714                               |
| EN 13204 <sup>1)</sup>              | MTO                     | MTO                                       |
| NFPA 1936                           | √                       | √   |
| engine                              | petrol: 3,3 HP - 2,5 kW | electric: 230 VAC - 1,8 kW - 50 Hz - 1 Ph |
| pump type                           | 3-stage axial           | 2 x 3-stage axial pump                    |
| number of tool connections          | 2                       | 2   |
| length of hoses                     | m 2 x 20                | 2 x 20                                    |
| capacity oil tank                   | cc 4340                 | 4340                                      |
| weight, ready for use <sup>2)</sup> | kg 71,4 <sup>2)</sup>   | 76,7 <sup>3)</sup>                        |

<sup>1)</sup> MTO = Multiple Tool Operation | <sup>2)</sup> including hydraulic and engine oil, fuel and couplers | <sup>3)</sup> including hydraulic oil and couplers

### 3-stage pump technology

- Much higher flow/speed in 2nd stage for quicker rescue operations.
- Lower flow/speed in 3rd stage for more tool control.

### Large hydraulic oil capacity

- Enough oil to operate any two tools at the same time, including the biggest rams.

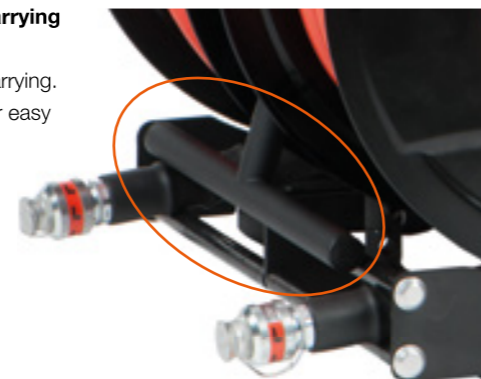
### Foldable wheels set

- For fast and easy transportation.



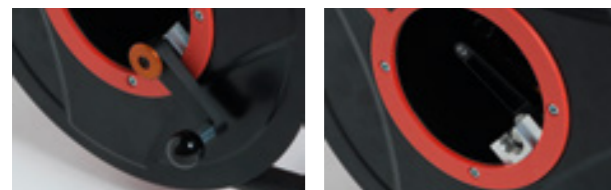
### Foldable carrying handles

- For easy carrying.
- Foldable for easy storage.



### Foldable handle for hose winding

- Saves valuable storage space in your truck.
- Quick & easy to use: handle folds out and locks in one step.



### Hydraulic oil level indicator

- For quick and easy monitoring of oil level from the outside of the pump.

# SPIDER RANGE PUMPS - SR 40/42



SR 40 PC 2

| specifications                      | SR 40 PC 2              | SR 40 DC 2                                | SR 40 YC 2              |
|-------------------------------------|-------------------------|---|-------------------------|
| art. no.                            | 150.152.715             | 150.152.724                               | 150.152.737             |
| EN 13204 <sup>1)</sup>              | MTO                     | MTO                                       | MTO                     |
| NFPA 1936                           | √                       | √   | √                       |
| engine                              | petrol: 5.5 HP - 4.1 kW | electric: 230 VAC - 1.8 kW - 50 Hz - 1 Ph | diesel: 4.2 HP - 3.1 kW |
| pump type                           | 3-stage axial pump      | 2 x 3-stage axial pump                    | 2 x 3-stage axial pump  |
| number of tool connections          | 2                       | 2   | 2                       |
| capacity oil tank                   | cc 6340                 | 6340                                      | 6340                    |
| weight, ready for use <sup>2)</sup> | kg 37,3 <sup>2)</sup>   | 41,0 <sup>3)</sup>                        | 47,0 <sup>2)</sup>      |

<sup>1)</sup> MTO = Multiple Tool Operation | <sup>2)</sup> including hydraulic and engine oil, fuel and couplers | <sup>3)</sup> including hydraulic oil and couplers

### 3-stage pump technology

- Much higher flow/speed in 2nd stage for quicker rescue operations.
- Lower flow/speed in 3rd stage for more tool control.

| SR 40 - accessories    | art. no.    |
|------------------------|-------------|
| LED light Spider range | 590.000.343 |
| CORE elbow connector   | 150.182.176 |

### Also available with hose reels - not in table

- 20 m (42 models) hoses, only on petrol pumps with 2 connections.
- With foldable handle for hose winding: saves valuable storage space in your rescue truck.



SR 42 PC 2

# PUMPS - HAND / FOOT / AIR



PA 18 H 2 C

| specifications                           | single hose <sup>1)</sup> |             | CORE        |             |             |
|--|---------------------------|-------------|-------------|-------------|-------------|
|  | PA 04 H 2 S               | PA 09 H 2 S | PA 09 H 2 C | PA 18 H 2 C | PA 18 F 2 C |
| art. no.                                 | 150.142.046               | 150.142.068 | 150.142.054 | 150.142.056 | 150.142.060 |
| number of tool connections <sup>2)</sup> | 1                         | 1           | 1           | 1           | 1           |
| number of stages                         | 2                         | 2           | 2           | 2           | 2           |
| operation                                | hand                      | hand        | hand        | hand        | foot        |
| capacity oil tank cc                     | 410                       | 900         | 900         | 1800        | 1800        |
| weight, ready for use <sup>3)</sup> kg   | 3.5                       | 4.8         | 4.8         | 7.7         | 8.4         |

<sup>1)</sup> for use with single acting tools only | <sup>2)</sup> EN 13204: STO = Single Tool Operation | <sup>3)</sup> including hydraulic oil and coupler



# HOSES



**safety ratio all hoses  
4:1 = 2880 bar**

CORE hoses 5 m

| CORE hoses            | art. no.    | color  | length (m) | weight (kg) <sup>1)</sup> |
|-----------------------|-------------|--------|------------|---------------------------|
| C 05 OU               | 150.570.042 | orange | 5          | 2.5                       |
| C 05 BU               | 150.570.045 | blue   | 5          | 2.5                       |
| C 05 GU               | 150.570.057 | green  | 5          | 2.5                       |
| C 05 ZU               | 150.570.060 | black  | 5          | 2.5                       |
| C 10 OU               | 150.570.043 | orange | 10         | 4.7                       |
| C 10 BU               | 150.570.046 | blue   | 10         | 4.7                       |
| C 10 GU               | 150.570.058 | green  | 10         | 4.7                       |
| C 10 ZU               | 150.570.061 | black  | 10         | 4.7                       |
| C 15 OU               | 150.570.044 | orange | 15         | 6.9                       |
| C 15 BU               | 150.570.047 | blue   | 15         | 6.9                       |
| C 15 GU               | 150.570.059 | green  | 15         | 6.9                       |
| C 15 ZU               | 150.570.062 | black  | 15         | 6.9                       |
| C 20 OU               | 150.570.095 | orange | 20         | 9.1                       |
| C 20 BU               | 150.570.096 | blue   | 20         | 9.1                       |
| C 20 GU               | 150.570.146 | green  | 20         | 9.1                       |
| C 20 ZU               | 150.570.225 | black  | 20         | 9.1                       |
| CORE connection hoses | art. no.    | color  | length (m) | weight (kg) <sup>1)</sup> |
| C 1.5 OU              | 150.570.049 | orange | 1.5        | 1                         |
| C 1.5 BU              | 150.570.050 | blue   | 1.5        | 1                         |
| C 02 OU               | 150.570.123 | orange | 2          | 1.2                       |
| C 02 BU               | 150.570.124 | blue   | 2          | 1.2                       |
| C 03 OU               | 150.570.125 | orange | 3          | 1.6                       |
| C 03 BU               | 150.570.126 | blue   | 3          | 1.6                       |
| single hoses          | art. no.    | color  | length (m) | weight (kg) <sup>1)</sup> |
| B 2 SOU               | 150.572.035 | orange | 2          | 1.3                       |
| B 3 SOU               | 150.572.033 | orange | 3          | 1.6                       |
| B 5 SOU               | 150.572.058 | orange | 5          | 2.3                       |

<sup>1)</sup> weight with couplers and filled with oil



# HOSE REELS



HR 5420 O

HR 5520 OB

| hose reels CORE (single)          | art. no.    | color       | length (m) <sup>1)</sup> | dimensions (mm) | weight (kg) <sup>2)</sup> |                           |
|-----------------------------------|-------------|-------------|--------------------------|-----------------|---------------------------|---------------------------|
| HR 5420 O                         | 150.072.178 | Orange      | 20                       | 526 x 251 x 521 | 19.4                      |                           |
| HR 5420 B                         | 150.072.179 | Blue        | 20                       | 526 x 251 x 521 | 19.4                      |                           |
| hose reels CORE (double)          | art. no.    | color       | length (m) <sup>1)</sup> | dimensions (mm) | weight (kg) <sup>2)</sup> |                           |
| HR 5520 OB                        | 150.072.183 | Blue/Orange | 2 x 20                   | 526 x 497 x 521 | 38.8                      |                           |
| hose reels CORE (electric rewind) | art. no.    | color       | length (m) <sup>1)</sup> | dimensions (mm) | hose reel version         | weight (kg) <sup>2)</sup> |
| HR 4425 ACLO                      | 150.072.067 | Orange      | 25                       | 483 x 546 x 457 | Left                      | 38.0                      |
| HR 4425 ACRB                      | 150.072.072 | Blue        | 25                       | 483 x 546 x 457 | Right                     | 38.0                      |
| HR 4430 ACLO                      | 150.072.059 | Orange      | 30                       | 483 x 546 x 457 | Left                      | 40.5                      |
| HR 4430 ACRB                      | 150.072.064 | Blue        | 30                       | 483 x 546 x 457 | Right                     | 40.5                      |

<sup>1)</sup> each length available in the colours indicated | <sup>2)</sup> weight inclusive hose with couplers and filled with oil

## Foldable handle for hose rolling on single and double hose reels

- To save valuable storage space in your truck.
- Quick & easy to use: handle folds out and locks in one step.



HR 4425 ACLO

# JACKS & WEDGES

| aluminium jacks       | HLJ 50 A 6    | HLJ 50 A 10 |
|-----------------------|---------------|-------------|
| art. no.              | 150.112.060   | 150.112.059 |
| lifting capacity      | kN/t 510 / 52 | 510 / 52    |
| closed height         | mm 150        | 196         |
| stroke                | mm 61         | 104         |
| weight, ready for use | kg 7.0        | 8.7         |



| Power Wedge           | PW 5624       |
|-----------------------|---------------|
| art. no.              | 150.062.228   |
| operation             | CORE          |
| min. insertion height | mm 6          |
| max. lifting height   | mm 51         |
| max. spreading force  | kN/t 235 / 24 |
| weight, ready for use | kg 9.2        |
| integrated lighting   | --            |



- Creates space for spreader or high-pressure lifting bag.

PW 5624

| toe jack                        | TJ 3610       |
|---------------------------------|---------------|
| art. no.                        | 150.012.049   |
| max. capacity on saddle         | kN/t 118 / 12 |
| max. capacity on toe            | kN/t 98 / 10  |
| lifting height / plunger stroke | mm 250        |
| closed height                   | mm 448        |
| min. insertion height toe       | mm 56         |
| weight, ready for use           | kg 20.5       |



TJ 3610





# VARIOUS RESCUE TOOLS

| concrete crusher      | CC 23       |            |
|-----------------------|-------------|------------|
| art. no.              | 150.012.295 |            |
| max. opening          | mm          | 230        |
| max. crushing force   | kN/t        | 113 / 11.5 |
| shape of tip          | pointed     |            |
| weight, ready for use | kg          | 19.1       |

- Heavy-duty: designed to quickly break away large, thick pieces of concrete.
- Limited dust: supports a clear view at the rescue scene.
- No vibrations: prevents risk of secondary collapse.
- Ideal to use in combination with mini cutter for cutting re-bar.
- More silent than use of rescue saw: only pump produces sound.



CC 23



A perfect combination: crushing concrete with the CC 23 and cutting re-bar with mini cutter CU 4007 C or SMC 5006.

- Designed for heavy-duty work.
- The crusher hardly generates any dust.

| pipe squeezer            | HPS 60 AU   |          |
|--------------------------|-------------|----------|
| art. no.                 | 150.182.024 |          |
| max. squeezing force     | kN/t        | 147 / 15 |
| max. outside ø pipe      | mm          | 60       |
| max. wall thickness pipe | mm          | 4.0      |
| weight, ready for use    | kg          | 8.6      |



HPS 60 AU



# VARIOUS RESCUE TOOLS

| special materials cutter       | SMC 5006    |            |
|--------------------------------|-------------|------------|
| art. no.                       | 150.012.320 |            |
| blade opening                  | mm          | 25         |
| max. cutting force             | kN/t        | 193 / 19.7 |
| cutting capacity <sup>1)</sup> | mm          | Ø 20       |
| weight, ready for use          | kg          | 6.5        |

<sup>1)</sup> steel hardness 75 HRb



SMC 5006



| mini cutter HMC 8 U - single acting  | art. no.    |          |
|--|-------------|----------|
| 1 360° rotation elbow and 30 cm pigtail hose; in synthetic case                              | 150.012.027 |          |
| 2 With 360° rotation elbow and handpump PA 04 H 2 S mounted with 2m. hose; in synthetic case | 150.142.070 |          |
| max. cutting force   | kN/t        | 79 / 8.1 |
| depth / width of jaw   | mm          | 40 / 40  |
| weight, ready for use  | kg          | 3.0      |

1



2





# DOOR OPENERS



HDO 100

| door opener set                   |      | HDO 100 - 2 *) |
|-----------------------------------|------|----------------|
| art. no.                          |      | 150.062.213    |
| max. pushing force                | kN/t | 100 / 10.2     |
| stroke                            | mm   | 130            |
| weight door opener, ready for use | kg   | 6.7            |

\*) with rotating hose connection and handle, hand pump and hose, delivered in synthetic carrying / storage box  
 \*\*) HDO 100 also available as a single tool in synthetic carrying / storage box , art. no. 150.062.007



# DOOR OPENERS

| door ram              |      | DR 200      |
|-----------------------|------|-------------|
| art. no.              |      | 151.001.486 |
| max. pushing force    | kN/t | 71 / 7.2    |
| retracted length      | mm   | 597         |
| stroke                | mm   | 300         |
| extended length       | mm   | 897         |
| weight, ready for use | kg   | 7.6         |



DR 200

| door ram              |      | GDR200EVO3  |
|-----------------------|------|-------------|
| art. no.              |      | 151.001.492 |
| max. pushing force    | kN/t | 71 / 7.2    |
| retracted length      | mm   | 728         |
| stroke                | mm   | 300         |
| extended length       | mm   | 1.028       |
| weight, ready for use | kg   | 13.4        |



GDR 200 EVO 3

| required accessories (GDR 200 EVO 3) |  | art. no.    |
|--------------------------------------|--|-------------|
| 1                                    | Battery BPA 286 (6.0 Ah)                   | 151.000.307 |
| accessories (GDR 200 EVO 3)          |  | art. no.    |
|                                      | Battery charger BCH1 (220 - 240 VAC)       | 150.182.208 |
| 2                                    | Battery charger BCH2 (100 - 120 VAC)       | 150.182.209 |
|                                      | Battery car charger BCH3, 12-24 VDC        | 150.182.286 |
| 3                                    | Mains power connector BMC1 (220 - 240 VAC) | 150.182.206 |
|                                      | Mains power connector BMC2 (100 - 120 VAC) | 150.182.207 |
| 4                                    | Battery pouch                              | 150.182.214 |
| 5                                    | Carrying / backpack harness                | 150.553.115 |



# POWERSHORE

## struts with hydraulic cylinder - 100 kN / 10.1 t

| model        | art. no.    | locking system | retracted length mm | stroke mm | weight kg |
|--------------|-------------|----------------|---------------------|-----------|-----------|
| HS 1 Q 5 FL  | 150.011.547 | auto-lock      | 632                 | 252       | 10.3      |
| HS 1 Q 10 FL | 150.011.536 | auto-lock      | 1092                | 252       | 13.0      |
| HS 1 L 5+    | 150.011.543 | locknut        | 575                 | 252       | 9.2       |
| HS 1 L 10+   | 150.011.537 | locknut        | 1035                | 252       | 11.9      |



HS 1 L 5+

## struts with pneumatic cylinder - 4 kN / 0.4 t

|              |             |           |      |     |      |
|--------------|-------------|-----------|------|-----|------|
| AS 3 Q 5 FL  | 150.011.546 | auto-lock | 632  | 252 | 8.4  |
| AS 3 Q 10 FL | 150.011.545 | auto-lock | 1092 | 252 | 11.2 |
| AS 3 L 5+    | 150.011.532 | locknut   | 575  | 252 | 7.3  |
| AS 3 L 10+   | 150.011.531 | locknut   | 1035 | 252 | 10.1 |



AS 3 Q 5 FL

## manual (mechanical) struts

|            |             |         |     |     |     |
|------------|-------------|---------|-----|-----|-----|
| MS 2 L 2 + | 150.011.538 | thread  | 250 | 127 | 2,7 |
| MS 2 L 5 + | 150.011.533 | locknut | 575 | 250 | 6,7 |



MS 2 L 2+

**Auto-lock:** plunger with automatic locking mechanism that locks in steps of 9 mm. Retracting the plunger is only possible after releasing the locking mechanism.

**Locknut:** plunger with thread and Locknut. When the plunger is extended the Locknut can be secured.

**Thread:** plunger with thread. When the plunger is extended the thread is self-retaining.

## extensions / connector

| model | art. no.    | extension mm | colour code | weight kg |
|-------|-------------|--------------|-------------|-----------|
| SX 1  | 150.011.501 | 125          | white       | 1.5       |
| SX 2  | 150.011.502 | 250          | blue        | 1.9       |
| SX 5  | 150.011.503 | 500          | yellow      | 2.8       |
| SX 10 | 150.011.504 | 1000         | green       | 4.9       |
| SX 15 | 150.011.506 | 1500         | red         | 6.4       |
| FX 1  | 150.011.505 | -            | -           | 1.4       |



SX 2

**Connector FX1:** with female snap-lock system on both sides. To connect the male end of an extension with one of the heads. In this way it is possible to make a fixed shore without the use of a strut.

### Operation hydraulic PowerShore

- Handpump, weight ready for use 8.9 kg



PA 09 H 2 S 10

### Operation pneumatic PowerShore

- Double control unit, pressure reducer, air hoses and air bottle



## One lightweight shoring and lifting system for every rescue situation



- Vehicle extrication



- Trench rescue



- Heavy vehicle rescue



- Urban search and rescue

# POWERSHORE

## accessories

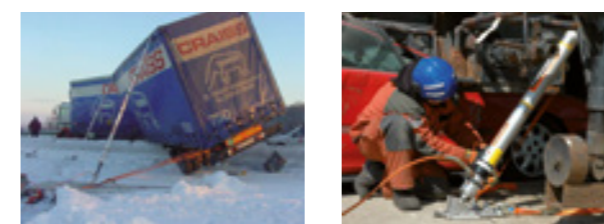
|   |  |   |  |  |  |
|---|--|---|--|--|--|
| <b>Flat head</b><br>art. no.: 150.011.509   |  | <b>V-block head small</b><br>art. no.: 150.011.516                                |  | <b>Adjustable hook wrench</b><br>art. no.: 150.581.689                       |  |
| <b>Flat head with nailing plate</b><br>art. no.: 150.011.541                      |  | <b>V-block head large</b><br>art. no.: 150.011.522                                |  | <b>Rope with carbine hook</b><br>art. no.: 150.011.548                       |  |
| <b>Tilting head</b><br>max. angle 45°<br>art. no.: 150.182.038                    |  | <b>Cone head</b><br>art. no.: 150.011.517   |  | <b>Rubber anti-roll block</b><br>art. no.: 150.113.057                       |  |
| <b>Tilting head with nailing plate</b><br>max. angle 45°<br>art. no.: 150.182.048 |  | <b>Cross head</b><br>art. no.: 150.011.523  |  | <b>Storage / carrying bag accessories</b><br>art. no.: 150.011.005           |  |
| <b>Beam support head</b><br>150 mm, with nailing holes<br>art. no.: 150.011.513   |  | <b>Pointed head</b><br>art. no.: 150.011.524                                      |  | <b>Storage / carrying bag struts and extensions</b><br>art. no.: 150.011.006 |  |
| <b>Beam support head</b><br>100 mm, with nailing holes<br>art. no.: 150.011.514   |  | <b>Base support plate</b><br>can support 3 swivel heads<br>art. no.: 150.011.519  |  | <b>2-way block;</b><br>to support 2 tilting heads<br>art. no.: 150.062.074   |  |
| <b>L-support head</b><br>with nailing holes<br>art. no.: 150.011.520              |  | <b>Trench support plate</b><br>to support 2 swivel heads<br>art. no.: 150.011.549 |  | <b>3-way swivel head</b><br>art. no.: 150.062.075                            |  |
| <b>Swivel head</b><br>art. no.: 150.182.046                                       |  | <b>Tensioning belt</b><br>load 10 kN<br>art. no.: 390.511.073                     |  |  |  |

### Snap-lock system

- All items can be connected within seconds



### Shoring at various angles possible



### Reflective colour coding of extensions indicating length



See also separate PowerShore brochure and [www.holmatro.com](http://www.holmatro.com) for various advisory sets

### 10.1 t hydraulic lifting capacity



### Lightweight

- Easy to carry  
- Easy to assemble and quick to position





# RESCUE ASSIST TOOLS

| ram support | HRS 22        | HRS 22 NCT  |
|-------------|---------------|-------------|
| art. no.    | 150.181.011   | 150.003.105 |
| max. load   | kN/t 235 / 24 | 235 / 24    |
| weight      | kg 7.7        | 14.9        |

- Suitable for every door sill: HRS 22 NCT for wider door sills and B-pillars of new model cars.
- Various positioning bars for different ramming angles.
- NCT version with teeth providing grip and profiled bars to prevent tilting of the ram.



HRS 22 NCT

HRS 22

| cross ram support set | XRS01          |
|-----------------------|----------------|
| art. no.              | 151.001.164    |
| max. load             | kN/t 98.1 / 10 |
| weight                | kg 12.5        |



XRS 01



# RESCUE ASSIST TOOLS

| V-Strut                |      |             |
|------------------------|------|-------------|
| art. no.               |      | 150.062.158 |
| max. axial load        | kN/t | 16 / 1.6    |
| closed length          | mm   | 1080        |
| number of stroke steps |      | 24          |
| stroke step size       | mm   | 30          |
| total stroke           | mm   | 720         |
| extended length        | mm   | 1800        |
| weight                 | kg   | 7.9         |

- Vehicle stabilization strut with integrated head, base plate and tensioning belt with hook and ratchet mechanism.
- All-in-one solution, no loose parts that may get lost.
- Ready for immediate use.
- Unique auto-lock system.
- Fast set-up in just 15 seconds.



V-Strut

| chocks & blocks |             |                       |             |
|-----------------|-------------|-----------------------|-------------|
| Set A           |             | Set B                 |             |
| art. no.        | 150.562.010 | art. no.              | 150.562.004 |
| 2 x Step chock  |             | 2 x Lock block low    |             |
| 2 x Wedge small |             | 2 x Lock block medium |             |
| 2 x Wedge large |             | 2 x Lock block high   |             |
|                 |             | 2 x Wedge small       |             |
|                 |             | 2 x Wedge large       |             |

- Made of recycled polyethylene, water- and oil-resistant.
- Virtually indestructible, longer lifespan than wood.
- Non-slip interlocking profile.



Set A



Set B

| rim adapter set    |    |             |
|--------------------|----|-------------|
| art. no.           |    | 150.182.580 |
| weight, incl. case | kg | 12.4        |

- Can be used with rams RA 5321-22 / RA 5331-32.
- Rescuer does not have to move under the vehicle.
- Can also be used to push away the steering column of a truck.



| tool station       |    |             |
|--------------------|----|-------------|
| art. no.           |    | 150.182.044 |
| dimensions (L x W) | cm | 250 x 200   |
| weight             | kg | 3.7         |

- Durable, water- and dirt-repellent PVC coated polyester.
- Foldable, so easy to carry and store.



# RESCUE ASSIST TOOLS

## airbag protection cover Secunet III

|          |             |
|----------|-------------|
| art. no. | 350.182.089 |
| weight   | gr 800      |

- Easy to install, within seconds.
- For all passenger cars, modern vans, heavy goods vehicles and buses.
- In synthetic storage box with wall-mounting bracket.



## sharp edge protection covers SEP 5

|          |             |
|----------|-------------|
| art. no. | 150.581.676 |
|----------|-------------|

|                      | dimensions<br>cm | weight<br>kg | contents |
|----------------------|------------------|--------------|----------|
| cover with Velcro    | 26 x 30          | 0.18         | 2 x      |
| blanket with magnets | 60 x 60          | 0.52         | 2 x      |
|                      | 150 x 60         | 1.20         | 1 x      |

- Wear-resistant, fire-retardant polyester, water-repellent.
- Blankets with magnets for instant attachment to a vehicle.
- Washable (magnets are removable).



## protection shield

|                    |              |
|--------------------|--------------|
| art. no.           | 150.182.045  |
| dimensions (L x W) | mm 900 x 500 |
| weight             | kg 2.9       |

- Ensures optimal safety for the patient.
- Made of thick yet flexible PVC material.
- Transparent for continuously monitoring of the patient.
- With 4 handles to hold in any position.



# RESCUE ASSIST TOOLS

## Glass-Master

|          |             |
|----------|-------------|
| art. no. | 150.182.060 |
| weight   | kg 1.0      |

- Glass Master, to cut through laminated wind shield. Including window punch and mounting clips.



## Window Punch

|          |             |
|----------|-------------|
| art. no. | 980.005.045 |
| weight   | gr 55       |

- Window punch for quick crushing of side windows of a car in case of an emergency.



## Seatbelt Cutter

|                        |                 |
|------------------------|-----------------|
| art. no.               | 980.005.022     |
| dimensions (L x W x H) | mm 154 x 44 x 5 |

- For quick cutting of a seat belt that is blocked after impact.



## rescue support bag

|          |             |
|----------|-------------|
| art. no. | 150.182.155 |
|----------|-------------|

consisting of: tyre deflator, seatbelt cutter, trim removal tools, window punch, flexible steel rule, marker pen, mini LED torch, multi-cutter, waist and thigh strap



## extrication gloves

| art. no.    | size   | art. no.    | size     |
|-------------|--------|-------------|----------|
| 590.000.514 | 6 / XS | 590.000.518 | 10 / XL  |
| 590.000.515 | 7 / S  | 590.000.694 | 11 / 2XL |
| 590.000.516 | 8 / M  | 590.000.695 | 12 / 3XL |
| 590.000.517 | 9 / L  |             |          |





# LIFTING BAGS



HLB 16, 21, 31, 38

| lifting bags - max. working pressure 12 bar |             |                                   |                          |                           |           |
|---|-------------|-----------------------------------|--------------------------|---------------------------|-----------|
| model                                       | art. no.    | max. effective lifting force kN/t | max. inflation height mm | dimensions (L x W x H) mm | weight kg |
| HLB 2                                       | 350.321.021 | 21 / 2,1                          | 94                       | 200 x 160 x 22            | 0,7       |
| HLB 6                                       | 350.321.022 | 55 / 5,6                          | 141                      | 285 x 245 x 22            | 1,6       |
| HLB 8                                       | 350.321.023 | 82 / 8,4                          | 179                      | 335 x 295 x 22            | 2,1       |
| HLB 11                                      | 350.321.025 | 110 / 11,2                        | 207                      | 403 x 325 x 25            | 3,2       |
| HLB 16                                      | 350.321.026 | 155 / 15,8                        | 236                      | 467 x 390 x 25            | 4,5       |
| HLB 21                                      | 350.321.027 | 210 / 21,4                        | 266                      | 517 x 440 x 25            | 5,6       |
| HLB 31                                      | 350.321.028 | 306 / 31,2                        | 321                      | 608 x 530 x 27            | 8,6       |
| HLB 38                                      | 350.321.030 | 370 / 37,7                        | 352                      | 662 x 585 x 27            | 10        |
| HLB 53                                      | 350.321.031 | 520 / 53                          | 411                      | 767 x 690 x 27            | 15        |
| HLB 63                                      | 350.321.032 | 620 / 63,2                        | 456                      | 827 x 750 x 27            | 17        |
| HLB 85                                      | 350.321.034 | 855/87,2                          | 550                      | 948 x 870 x 27            | 23        |
| HLB 96                                      | 350.321.033 | 940 / 95,9                        | 565                      | 987 x 910 x 27            | 25        |



# LIFTING BAGS



HSB 92, 74, 40, 27

| stack bags - max. working pressure 12 bar |             |                                   |                          |                           |           |
|---|-------------|-----------------------------------|--------------------------|---------------------------|-----------|
| model                                     | art. no.    | max. effective lifting force kN/t | max. inflation height mm | dimensions (L x W x H) mm | weight kg |
| HSB27                                     | 151.000.948 | 265 / 27                          | 170                      | 520 x 520 x 27            | 9,2       |
| HSB40                                     | 151.000.949 | 388 / 39,6                        | 170                      | 620 x 620 x 27            | 13        |
| HSB74                                     | 151.000.950 | 724 / 73,8                        | 170                      | 840 x 840 x 27            | 23,8      |
| HSB92                                     | 151.000.951 | 904 / 92,2                        | 170                      | 920 x 920 x 27            | 28        |





# ACCESSORIES HLB & HSB

| air hoses |                  |        |             |     |     |
|-----------|------------------|--------|-------------|-----|-----|
| item      | description      | length | art. no.    | HLB | HSB |
| 1         | Air hose AH 5 Y  | 5 m    | 350.570.022 | ✓   | ✓   |
| 2         | Air hose AH 5 B  | 5 m    | 350.570.023 | ✓   | ✓   |
| 3         | Air hose AH 5 O  | 5 m    | 350.570.030 | ✓   | ✓   |
| 4         | Air hose AH 10 Y | 10 m   | 350.570.027 | ✓   | ✓   |
| 5         | Air hose AH 10 B | 10 m   | 350.570.026 | ✓   | ✓   |
| 6         | Air hose AH 10 O | 10 m   | 350.570.031 | ✓   | ✓   |

| accessories |                                |             |     |     |  |
|-------------|--------------------------------|-------------|-----|-----|--|
| item        | description                    | art. no.    | HLB | HSB |  |
| 7           | Control unit HDC 12            | 350.182.095 | ✓   | ✓   |  |
| 8           | Control unit HTC12             | 151.002.137 | ✓   | ✓   |  |
| 9           | Pressure reducer PRV 12        | 350.182.100 | ✓   | ✓   |  |
| 10          | Connection piece               | 350.582.430 | ✓   | ✓   |  |
| 11          | Air control set ACS 12         | 350.182.125 | ✓   | ✓   |  |
| 12          | Shut-off hose SOH 12           | 350.182.096 | ✓   | ✓   |  |
| 13          | Air bottle 300 bar             | 350.581.096 | ✓   | ✓   |  |
| 14          | Lifting eyes set (2 pieces) ** | 350.182.129 | ✓   | --  |  |
| 15          | Air adapter set AAS 12         | 151.000.223 | ✓   | ✓   |  |
| 16          | Slider pads set (3 pieces) *   | 151.000.180 | ✓   | --  |  |
| 17          | Retaining strap set (4 pieces) | 151.001.194 | --  | ✓   |  |

\* Standard for models HLB 11 and up | \*\* Optional for models HLB 31 and up



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With two high-tech production plants in the Netherlands and the USA, the strictest quality, safety and performance standards in the market and a history of groundbreaking product innovations, Holmatro is the world's leading rescue tool supplier. We are very proud to see that Holmatro tools are the first choice of many fire & rescue professionals around the globe.

**DOUBLE  
PLUNGER RAM**

First ram with twin plungers. Designed to double the spreading distance without the risk of a plunger bending.



**CORE  
TECHNOLOGY**

The world's first single hose / single coupler system. A turning point in rescue tool technology, making rescue procedures safer, quicker and easier.



**INCLINED CUTTING**

**INCLINED  
CUTTER**

First cutter with a 30-degree angled jaw, improving user comfort and maximizing working space.

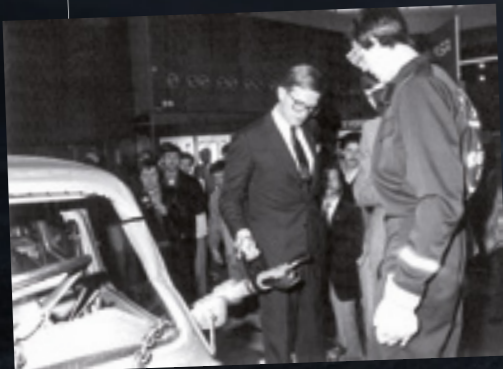


**MINI  
CUTTER**

The FIRST Cordless Mini Cutter to complete any rescue set.

# A HISTORY OF INNOVATION

1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022



**720 BAR  
WORKING PRESSURE**

First hydraulic rescue tools operating at a pressure higher than 500 bar. The birth of lighter and more compact rescue equipment.

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The first lightweight, mobile rescue pump enabling one man to carry a full set of tool, pump and hoses on his own.



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First high-performance battery-powered rescue tools. Easy to carry and handle thanks to a low weight (< 15 kg incl. battery).



**PENTHEON  
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Unparalleled speed, ultimate control and the unrestrained performance to keep working in all circumstances. Miles ahead of all other rescue tools in the market.



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