

# MOTORSPORT RESCUE TOOLS



**holmatro**  
mastering power

**OFFICIAL SUPPLIER**  
MOTOR SPORT RESCUE TOOLS



**holmatro**  
mastering power



## WHEN THE RACE IS FOR LIFE

Whether you are part of a motorsport safety team responding to incidents on the race track, or whether you are a firefighter dealing with road traffic accidents, time is crucial for a positive patient outcome. Rescue operations are a race against the clock. If you want to win that race, you need to be well-prepared. It's a matter of having the right tools, the knowledge how to use them and ongoing training with your team members on the improvement of procedures in various scenarios. When the race is for life, you can rely on the rescue tools and support from Holmatro. For more information about our equipment see [www.holmatro.com](http://www.holmatro.com) or [store.fia.com](http://store.fia.com).

Motorsport Rescue Sets	4
Pentheon Technology	6

### CIRCUIT

PCU50	8
PSP40	9
PTR50	10
TRE03	12
HMC 8 U & PA 04 H2	13
SEP 10 Set	14
Protection Shield	14
Pentheon - batteries, chargers and cables	15

### RALLY

PCU50	8
PSP40	9
PTR50	10
TRE03	12
XRS01	12
HMC 8 U & PA 04 H2	13
V-strut	13
Chocks & Blocks	13
Glass Master	14
SEP 10 Set	14
Protection Shield	14
Pentheon - batteries, chargers and cables	15

# MOTORSPORT RESCUE SETS

## CIRCUIT

- PCU50
- PSP40
- PTR50
- TRE03
- HMC 8 U & PA 04 H2
- SEP 10 Set
- Protection Shield



PCU50



PSP40



PTR50



TRE 03



HMC 8 U & PA 04 H2



SEP 10 Set



Protection Shield

# MOTORSPORT RESCUE SETS

## RALLY

- PCU50
- PSP40
- PTR50
- TRE03
- XRS01
- HMC 8 U & PA 04 H 2 S
- V-Strut Set
- Chocks & Blocks
- Glass Master
- SEP 10 Set
- Protection Shield



Glass Master



PCU50



PSP40



HMC 8 U & PA04 H2



Chocks & Blocks



PTR50



V-Strut Set



TRE 03

XRS 01



SEP 10 Set



Protection Shield

# UNPARALLELED SPEED STEPLESS SPEED MAXIMIZATION

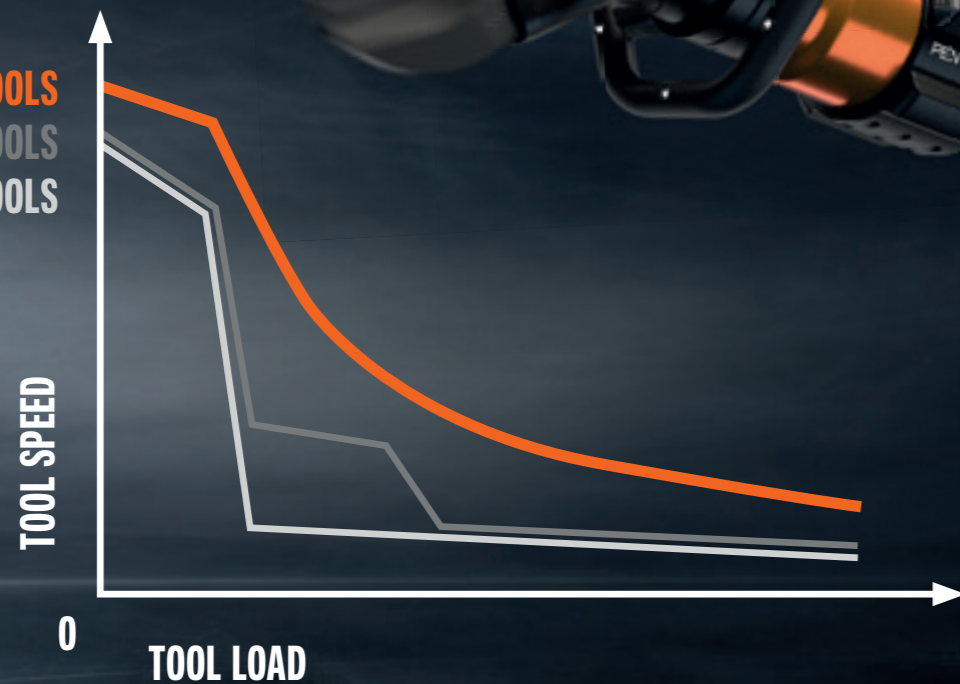
**PATENTED**

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.



**PENTHEON TOOLS**  
HOSE TOOLS  
BATTERY TOOLS



**UNPARALLELED TOOL SPEED AT ANY LOAD**



**PENTHEON**

## 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!

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

# PENTHEON CUTTER



PCU50

specifications	PCU50
art. no. (excl. battery)	151.000.684
cutter jaw	inclined
theoretical cutting force	kN/t 1389 / 141.6
blade opening	mm 182
weight, ready for use (incl. battery)	kg 21.5
round bar	mm 41
integrated lighting / i-Bolt	√ / √

Pentheon - Batteries, chargers and cables (see page 36)

## 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.



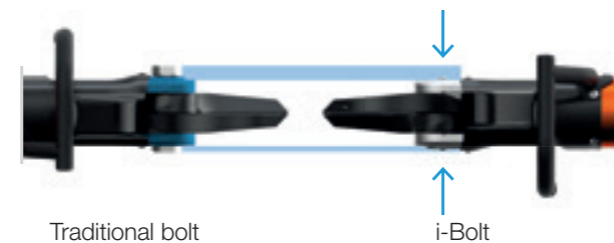
## New Car Technology blade design

- U-shaped blades pull high-strength car materials into the cutting recess, close to the central bolt, where they are cut at the highest possible force.



## 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.



## 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.



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

# PENTHEON SPREADER



PSP40

specifications	PSP40
art. no. (excl. battery)	151.000.685
spreading distance	mm 725
max. spreading force	kN/t 280 / 28.6
min. spreading force (EN 13204)	kN/t 43 / 4.4
max. pulling force	kN/t 51.7 / 5.3
max squeezing force	kN/t 59 / 6
weight, ready for use (incl. battery)	kg 19.4
integrated lighting	√

Pentheon - Batteries, chargers and cables (see page 36)

## Purpose-built battery

- Contains extra large and powerful cells, that heat up much slower than regular battery cells. You can complete more work on one battery, while using its maximum power.



## Inline control handle with 360° access

- Centrally positioned at the back of the tool, always within reach. For easy tool operation on all sides of the car.



## 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.



## 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.



# PENTHEON RAM



PTR50

specifications		PTR50
art. no. (excl. battery)		151.000.678
spreading force 1st plunger	kN/t	136 / 13.9
spreading force 2nd plunger	kN/t	65 / 6.6
spreading stroke 1st plunger	mm	405
spreading stroke 2nd plunger	mm	382
(total) spreading stroke	mm	787
retracted / extended length	mm	578 / 1.365
weight, ready for use (incl. battery)	kg	19.9
integrated lighting / laser pointer		√ / √

Pentheon - Batteries, chargers and cables (see page 36)

## Integrated laser pointer in ram head

- Marks the exact spot where the ram will touch the car construction after extension
- Enables first-time-right positioning, which saves time and is safer for the patient



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

## Smart ram extension

- As soon as you connect the optional extension pipe, the ram will detect this and automatically adapt its maximum force to the new length that can be achieved. So you can safely continue your job.
- Now you only need this one compact ram with one extension pipe for all applications, including cross ramming over a very large distance.



# VARIOUS RESCUE TOOLS

Extension pipe		TRE03
art. no.		151.000.804
extension	mm	439
dimensions	mm	484 x 95 x 95
weight	kg	4.8

- Now you only need one compact ram for all applications, including cross ramming from one side of the car to the other. Simply connect this optional extension pipe to bridge a gap of up to 1804 mm / 71 inches. The ram will automatically adapt its force to the new maximum length that can be achieved. All to make sure you can keep working safely.



TRE 03



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

- Specially developed to distribute the force of the ram over a larger area, our Cross Ram Support Set provides a solid platform for cross ramming.  
- It prevents the ram from pushing through car interior surfaces, which would make it lose its effectiveness. Equipped with grip teeth for maximum hold.



XRS 01



# VARIOUS RESCUE TOOLS



### mini cutter HMC 8 U - single acting

with 360° rotation elbow and hand pump PA 04 H 2 S mounted with 2m. hose; in synthetic case

art. no.		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

- Suitable for cutting applications such as headrests and pedals.



### 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



### 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	



Set A



Set B

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

# VARIOUS RESCUE TOOLS

Glass Master		
art. no.		150.182.060
weight	kg	1.0

- Delivered including a window punch and mounting clips



sharp edge protection covers				SEP 10
art. no.				150.581.677
	dimensions cm	weight kg	contents	
cover with Velcro	26 x 30	0.18	4 x	
blanket with magnets	60 x 60	0.52	4 x	
	150 x 60	1.20	2 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



# PENTHEON - BATTERIES, CHARGERS AND CABLES



**Free Holmatro Diagnostics Software:**  
 - check [bit.ly/holmatro-hds](http://bit.ly/holmatro-hds)



required accessories		art. no.
1	Battery PBPA287 (7.0 Ah)	151.000.583
accessories		art. no.
2	Battery Charger PBCH1 (AC-EU)	151.000.629
	Battery Charger PBCH2 (AC-US)	151.000.742
	Battery Charger PBCH3 (DC)	151.000.632
	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
3	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
4	Mains Power Connector PMC6 (KR)	151.001.304
	Mains Power Connector PMC7 (CN)	151.001.642
	Mains Power Connector PMC8 (IN)	151.001.643
4	Tool Diagnostic Cord PTDC1	151.000.508
5	Battery Diagnostic Tool PBDT1	151.000.509
6	On-Tool Charging Cord POTC1	151.000.499
7	Daisy Chain Power Cord DCPC1	151.000.503





# WHEN THE RACE IS FOR LIFE

---

holmatro.com

 Holmatro Rescue World

 @HolmatroRescue

 holmatrorescue

 HolmatroRescue