



Battery Telescopic Ram PTR50

151.000.678

Cordless Telescopic Ram, part of the Holmatro Pentheon Series. Designed to offer you the unrestrained performance, unparalleled speed and ultimate control you've never experienced before!

Unparalleled Speed

- Fastest Ram on the market, thanks to Stepless Speed Maximization (PATENTED). A mechatronic system inside the tool continuously optimizes the motor and pump settings to deliver a maximized oil flow over the full pressure range. This results in unparalleled speed at any tool 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

- A unique two-mode control handle for ultimate speed control 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 control handle to its left or right.

Smart Ram Extension in combination with the optional extension pipe (PATENTED).

- 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.

Extended working time thanks to:

- A purpose-built battery with increased capacity
- The energy efficiency of our patented mechatronic drive technology.
- An Auto Start/Stop function. When the tool is not operated or has reached its maximum pressure, the motor stops automatically. This saves valuable battery capacity. Simply turn the control handle to restart the tool.
- Temperature Management Technology. Both tool and battery temperatures are continuously monitored to make sure these don't get too high, which would cause the tool to shut off. At extremely high temperatures Pentheon tools will automatically switch to working at a lower power consumption, without loss of force. All to make sure that you can keep going, even in hot weather and at high tool loads.

Battery management made easy

- Stop swapping batteries with Holmatro's On-Tool Charging System. From now on you can charge a battery

while it remains on the tool. Simply connect your tool to the charger and the whole charging process will regulate itself. The battery on the tool 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 one outlet. This allows you to charge up to 6 batteries automatically, whether placed on the charger or the tool that is connected to the charger.

It is just a matter of plugging it in!

Under water use

- Should you encounter a situation where you need to use your rescue tools completely submerged in water, our Pentheon tools are up for the job!

Realtime diagnostics

- LED indicators on the tool, battery and charger provide you with direct feedback on the battery's temperature, state of charge and state of health, as well as the tool temperature and when the maximum pressure has been reached.
- For more detailed battery information you can make use of our diagnostics software.
- A more extensive software program for Authorized Holmatro (Dealer) Service Technicians will allow them to provide the best service for your Pentheon tools. It combines in-depth tool diagnostics with automated inspection procedures.

Ease of use

- Inline control handle with 360° access. For easy tool operation at all sides of the car.
- Double carrying handle. For easy tool placement at 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!
- The LED lights in the carrying handles are powered from the main battery. This means they automatically switch on and off, together with the tool. There's a separate button on the tool to switch the lights off, but don't bother: their power consumption is next to nothing.

Technical specifications

Details		
Articlenumber	151.000.678	
Basic specifications		
model	PTR50	
max. working pressure	540 / 54 (bar/Mpa)	7832 psi
battery included	no	
Performance		
spreading stroke 1st plunger	405 mm	15.9 in
spreading stroke 2nd plunger	382 mm	15 in
total spreading stroke	787 mm	31 in

retracted length	578 mm	22.8 in
extended length	1365 mm	53.7 in
max. spreading force 1st plunger	136 / 13.9 (kN/t)	
max. spreading force 2nd plunger	65 / 6.6 (kN/t)	
protection rate	IP57	
directives	2006/42/EC, 2014/30/EU	
General specifications		
number of plungers	2	
Dimensions, weight and temperature		
weight, ready for use	19.9 kg	43.9 lb
weight excl. battery	18.4 kg	40.6 lb
dimensions (AxBxC)	578 x 256 x 443 mm	22.8 x 10.1 x 17.4 in
Norms		
EN 13204 classification	TR136/405-65/382-19.9	
NFPA 1936 compliant	yes	
EN 13204 compliant	yes	
NFPA 1936, HSF	136 / 13.9 (kN/t)	30574 lbf
NFPA 1936, LSF	65 / 6.6 (kN/t)	14613 lbf



