

Rescue Equipment



Made in USA

 **holmatro**
mastering power



MADE IN AMERICA

Holmatro has been engineering, manufacturing, and testing high-performance Holmatro Rescue Tools from its Glen Burnie, Maryland plant location since 1988. From the machining process to the laser-controlled precision work, Holmatro's manufacturing production process delivers the utmost care to detail. We're proud to be a manufacturer in this country, bringing American-made goods to market and employing US citizens.

Through our dealer network, Holmatro offers product, training, service and support to customers from Canada to Argentina. Firefighters from all over, rescue teams from FEMA, the U.S Naval Academy, the Army, Air Force and Maryland's Shock Trauma unit come to Holmatro's U.S. facility to train with the best in the industry, using the best in rescue tools.

To request a tour: call (410) 768-9662. All tours must have a customer, business or employee relation to Holmatro to be accepted.

Holmatro is registered to internationally recognized ISO 9001 standards for quality.



Holmatro Rescue World



@HolmatroRescue

With the philosophy that only harnessed power can be put to use effectively, we design our products to be innovative and of the highest quality, and above all, effective under the most adverse conditions.

Holmatro is a global company with manufacturing operations in the US and The Netherlands, and offices in the UK, China, and Poland. With equipment in service around the globe, Holmatro's extensive dealer network offers sales and service on every continent. For more information, visit: <http://www.holmatro.com>



Rescue

Holmatro rescue equipment is recognized worldwide for its high quality and performance. Fire & rescue departments around the globe use Holmatro rescue tools to extricate victims from motor vehicle accidents and collapsed buildings resulting from natural and man-made disasters.



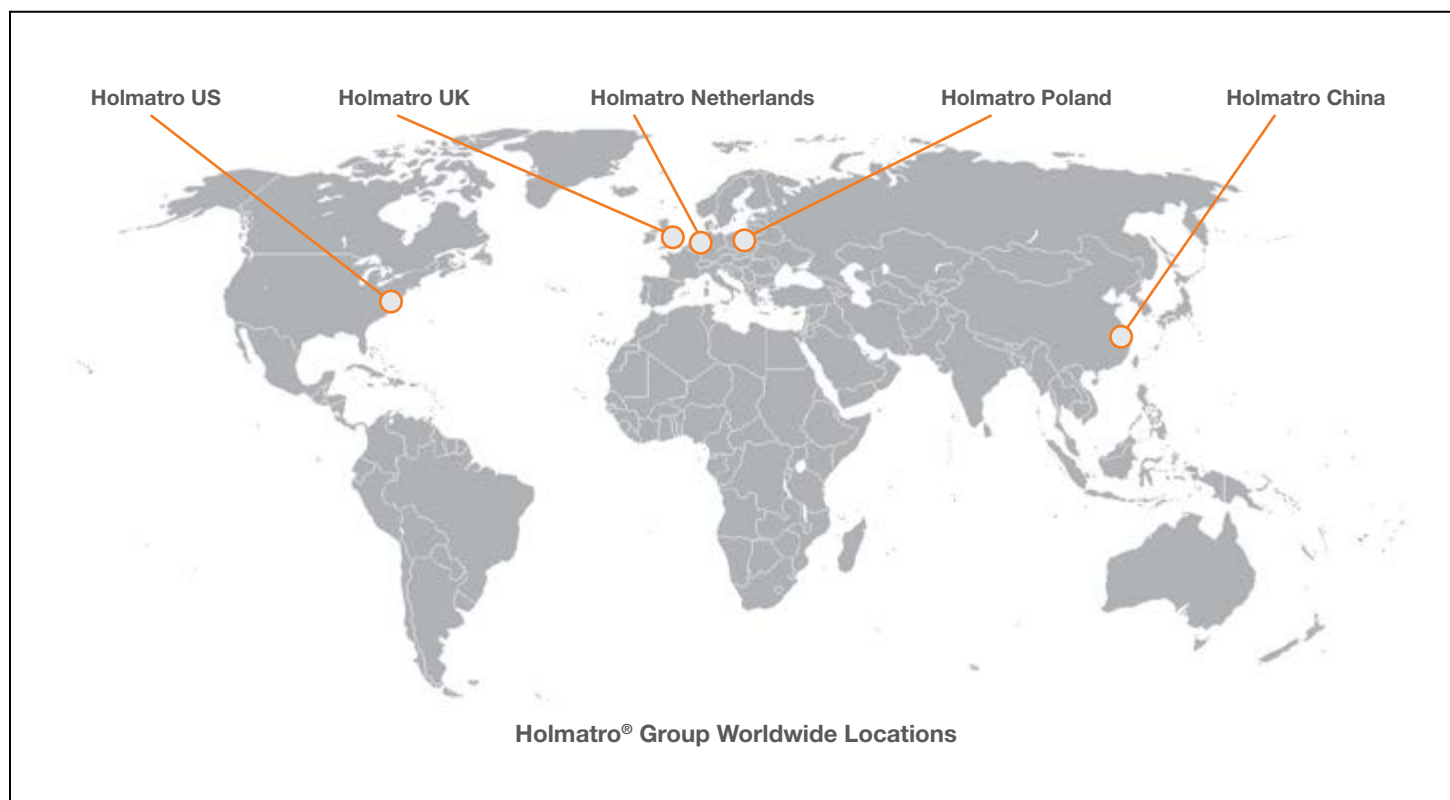
Industrial

Holmatro industrial equipment offers a variety of high-pressure hydraulic and pneumatic tools for spreading, lifting, bending, pulling and cutting applications. From ship building to recycling facilities and foundry operations, Holmatro's products assist customers with handling large loads and specialized cutting needs.



Special Tactics

Holmatro special tactics equipment has been specifically developed for use by SWAT teams, other police units and Special Operations Forces. The range includes hydraulic breaching, cutting, spreading and lifting equipment for a wide variety of applications. These hydraulic tools offer new possibilities for performing tactical operations with increased power and stealth.



Holmatro is a global leader of high-pressure hydraulic tools and system solutions. In North America, the company manufactures power tools and systems for Vehicle Rescue, Emergency Response Rescue, Special Tactics and Industrial Tools and Solutions from a state-of-the-art, ISO 9001:2008 certified operation in Glen Burnie, Maryland.

Through a vast dealer network, the US facility offers product, training, service and technical support to customers from Canada to Argentina.

Holmatro operates one of the most cutting-edge machine shops in the United States, investing in highly technical machining centers to produce complex parts, economically. At Holmatro, each rescue tool is designed and manufactured to function as a complete rescue tool system.

Holmatro's ISO certification is evidence of the facility's focus on quality control and inspection procedures. Every step of the operation's manufacturing process encompasses a quality control component; for example, raw materials are tested to ensure they meet material specifications while Quality Control manages parts and final goods inspections.

Holmatro has been located in the U.S. since 1984, manufacturing high-performance rescue tools in Maryland since 1988. The company's Glen Burnie, Maryland plant offers 85,000 square feet of manufacturing and administrative space while its products and employees serve the North and South American markets.

For nearly half a century, Holmatro has been developing, producing and testing high-pressure hydraulic equipment for industrial, rescue and special tactics applications. Based on the needs of users, our products are known for their high quality and innovative technology. Holmatro sells and services these products through various countries and an extensive dealer network.

When it comes to Holmatro rescue equipment, our highly experienced engineers translate innovative ideas into lighter, more powerful solutions for fire and rescue departments. The result is a full range of high-quality tools that enable you to work efficiently under pressure. With Holmatro it's safer, easier and quicker to save lives.

For additional information on Holmatro's US facility, please visit **www.holmatro.com** or call **(410) 768-9662** or **(800) 654-0203**.



Holmatro is dedicated to fostering innovation by conducting what is essentially anthropological research — shadowing end-users on actual job sites and in their workshops to see how and why tools are used, misused or neglected — to identify gaps and frustrations where refinements and new tools would come in handy.

Since its inception, Holmatro has released a steady stream of breakthrough products. . . and the pipeline is full of more. These range from new lines of tools to compact, lightweight tools that reset the standards of quality and utility in the industry.

CL Spreader

At just 21.8 lbs., this spreader is even lighter than the other, already very light, new 5000 series models. At the same time it offers every spreading capability you need for the extrication of a trapped victim. This is achieved through a combination of new materials, component integration and innovative design. The result is five spreaders with an outstanding performance-to-weight ratio that significantly reduce the physical burden on the first responder.

The development of the SP 5240 CL (Compact Lightweight) is a story in itself. R&D was not based on, or a response to, industry standards (such as NFPA 1936 and EN 13204), but, rather, on user needs based on real life practical applications.

The CL has been tested extensively on the latest car prototypes and has proved its worth time and time again. It offers every spreading capability needed when dealing with new car construction.



5050i Cutter

This tool set the standard immediately upon entering the market. The ergonomic design of the blades is extremely practical when cutting overhead.

The CU 5050i has a unique inclined cutter jaw for additional ergonomics at various applications, such as cutting the roof or the rocker panel. It eliminates the need to lift the tool above your head or to bend over severely. It also leaves more space for the tool to move when cutting pillars from the side.



CORE Technology™

A CORE system consists of only one hose: a high pressure inner hose surrounded and protected by a low pressure outer hose. What makes this coaxial hose design possible is our patented CORE coupler. This coupler has a built-in, automatic return valve that eliminates the need for a dump valve on the pump. Switch tools any time: Simply connect the hose and you're ready to go!

CORE Technology™ is a revolutionary turning point in rescue tool technology. More than just a tool, hose or pump it is a hydraulic system that fundamentally changes the extrication process. When lives are at stake, it's all about speed and safety. Compared to working with a traditional system, working with CORE is safer, quicker & easier. Once you try CORE Technology™ and discover its unprecedented benefits, you will not want to go back to a traditional system.



Holmatro Greenline



Holmatro Greenline Battery Range:

**The green solution for every rescue operation.
Zero emission, 100% performance!**



Choice between pump and tools

- High capacity (36 volt lithium ion battery) for long running time
- LED indicator shows battery capacity during use; when pump is switched off, press button to check state of charge level
- Battery 100% recharged in 60 minutes
- Battery can be changed in seconds
- Suitable for use at high altitudes



State-of-the-art battery technology

- High capacity (24 volt, 5.0 amp/hour battery) for long operation time
- Low self-discharge rate for long battery life
- No memory effect
- No power consumption when idle
- LED indicator shows battery capacity during use; when tool is switched off or when battery is not on tool, press button on battery to check state of charge level
- Battery 100% recharged in 60 minutes
- Easy click-on/click-off system on top to change battery with one hand, within seconds
- Suitable for use at high altitudes



Emission-free

- No fumes: healthier for rescuers and victims
- Ideal for use in confined and/or underground spaces like buses, trains, tunnels and collapsed buildings
- Environmentally friendly



Lowest sound level

- Less stressful for victims
- Enables easier communication on the rescue scene
- Tools produce no sound when idle

All weather conditions

- Suitable for use at below zero temperatures, up to -4°F (-20°C)
- Suitable for use in wet weather conditions



Battery on top of tools

- Quick and easy to change, even in narrow spaces



Lightweight

- Well-balanced
- Easy to carry and handle



Control handle centrally positioned on back of tools

- Always within reach
- Tool can rotate freely while hand stays in same position

↓ FEATURES & BENEFITS



Greenline battery-powered cutters GCU 5050 and GCU 5050i: Superior cutting performance, lowest noise level

Excellent cutting performance on new cars

- U-shaped blade pulls even the widest material into the cutting recess, allowing it to be cut at the strongest point of the cutter
- Equipped with the i-Bolt which squeezes the blades together directly (thus more tightly) for less blade separation and an improved cutting performance
- Specially developed for use on the latest car models: More than theoretical cutting forces, innovative tool design enables the best cutting performance



Lowest sound level

- Less stressful for victims
- Easier communication between rescuers and victims
- Equipment produces no sound when idle

Powered by lithium-ion battery technology

- High battery capacity for long operation time
- Low self-discharge rate for long battery life
- No memory effect
- No power consumption when idle
- LED indicator shows battery capacity during use; when tool is switched off or when battery is not on tool, press button on battery to check charge level
- Battery 100% rechargeable in 60 minutes
- Easy click-on/click-off system on top to change battery with one hand, within seconds
- Suitable for air transportation
- Suitable for use at high altitudes



Emission-free

- No fumes from a pump: healthier for rescuers and victims
- Ideal for use in confined and/or underground spaces like tunnels, buses, trains and collapsed buildings
- Environmentally friendly

↓ FEATURES & BENEFITS



Ergonomic and user-friendly

- Well-balanced
- Control handle always within reach on back of tools, so you can rotate them freely while your hand stays in the same position
- Battery on top of tools: Easy to change, even in narrow spaces

All weather conditions

- Suitable for use at below zero temperatures, up to -4°F (-20°C)
- Suitable for use in wet weather conditions

Self-contained

- Provides optimal freedom of movement
- Rapid deployment: simply press the start button and start working

Equipped with i-Bolt

- Flat central bolt construction for better access to narrow spaces
- Squeezes the blades together directly, which results in less blade separation and a better cutting performance

Carrying handle with integrated LED lighting

- Provides illumination when rescue scene lighting is absent
- Never work in your own shadow by day





↓ SPECIFICATIONS

Model			GCU 4035		GCU 5050		GCU 5050i	
article number			158.052.036		158.052.081		158.052.082	
operator type			battery					
max. working pressure	psi	bar	10,443	720	10,443	720	10,443	720
max. cutting opening	in	mm	5.7	144.78	7.2	182	7.2	182
max. force	lbf	kN/t	79,807	355/36.2	317,430	1,412/144	312,260	1,389/141.6
weight excl. battery	lb	kg	40.3	18.3	45.2	20.5	45.9	20.8
weight, ready for use	lb	kg	42.3	19.2	47.2	21.4	47.8	21.7
dimensions (L x W x H)	in mm		32.6 x 11.7 x 8.5 829 x 297 x 217		35 x 11.6 x 7.6 889 x 295 x 193		35.4 x 11.9 x 11.1 899 x 302 x 281	
temperature range			-4°F to +131°F (-20°C to +55°C)					
sound emission at 13 ft/ 3.25 ft (4 m/1 m) loaded	dB(A)		65/74					
NFPA classification			A6/B5/C6/D5/E6		A8/B8/C7/D9/E9		A8/B8/C7/D9/E9	



↓ FEATURES & BENEFITS



User, victim and environmentally-friendly with excellent performance: introducing the battery powered Greenline spreader series from Holmatro. Three 5000 series models are available: GSP 5240 CL, GSP 5240 and GSP 5250.

Optimum freedom of movement

Greenline models are self-contained and not connected to a pump. So, they offer true optimal freedom of movement.

Battery on top of tool

The battery has been positioned on the tool in such a way that exchanging it is quick and easy, even in confined spaces.

Low noise levels

Low noise levels reduce stress for victims and do not hinder communication at the rescue scene.

Advanced battery technology

Lithium-ion technology combines a long battery life with high capacity for maximum operational use.

Use in all weather conditions

Suitable for use in all weather conditions, extreme precipitation, and temperatures down to -4 °F (-20°C).

Emission-free

No emissions, so healthier for rescuers and victims. Also ideal for use in confined and/or underground spaces.



↓ FEATURES & BENEFITS



Holmatro spreader GSP 5240 CL

- Weight incl. battery 34.6 lb (15.7 kg)
- Relevant spreading force* 8,992 lbf (40 kN/4.1 t)
- Spreading distance 20.1 in (510 mm)

Holmatro spreader GSP 5240

- Weight incl. battery 45.6 lb (20.7 kg)
- Relevant spreading force* 9,217 lbf (41 kN/4.2 t)
- Spreading distance 28.5 in (725 mm)

Holmatro spreader GSP 5250

- Weight incl. battery 48.9 lb (22.2 kg)
- Relevant spreading force* 11,465 lbf (51 kN/5.2 t)
- Spreading distance 28.5 in (725 mm)

* this is the minimum spreading force you will always have at your disposal, measured at the top of the spreading tips over the full spreading distance





↓ SPECIFICATIONS

Model			GSP 5240 CL		GSP 5240		GSP 5250	
article number			158.052.073		158.052.071		158.052.072	
operator type			battery					
max. working pressure	psi	bar/Mpa	10,443	720/72	10,443	720/72	10,443	720/72
spreading distance	in	mm	20.1	510	28.5	725	28.5	725
performance/weight ratio*	lbf	kN	6,922	1,722	9,836	2,452	12,709	3,168
max. spreading force	lbf	kN/t	29,450	131/13.4	62,947	280/28.6	82,280	366/37.3
max. spreading force (NFPA 1936, HSF)	lbf	kN/t	11,915	53/5.4	15,737	70/7.1	21,806	97/9.9
min. spreading force (NFPA 1936, LSF)	lbf	kN/t	7,868	35/3.6	8,543	38/3.9	10,341	46/4.7
max. pulling force (NFPA 1936, HPF)	lbf	kN/t	10,566	47/4.8	10,566	47/4.8	15,062	67/6.8
min. pulling force (NFPA 1936, LPF)	lbf	kN/t	5,395	24/2.4	5,620	25/2.5	6,969	31/3.2
max. squeezing force	lbf	kN/t	10,566	47/4.8	13,264	59/6	30,349	135/13.8
pulling distance	in	mm	15.5	393	24	610	24	610
max. pulling force	lbf	kN/t	10,566	47/4.8	10,566	47/4.8	15,062	67/6.8
weight, incl. battery	lb	kg	34.6	15.7	45.6	20.7	48.9	22.2
weight, excl. battery	lb	kg	32.6	14.8	43.7	19.8	47.0	21.3
dimensions (L x W x H)	in		32.4 x 11.6 x 8.1		37.5 x 11.6 x 8.6		38.1 x 11.6 x 8.6	
	mm		822 x 295 x 205		953 x 295 x 218		967 x 295 x 218	
temperature range			-4°F to +131°F (-20°C to +55°C)					
NFPA 1936			✓		✓		✓	

*Performance/weight ratio = NFPA HSF X Spreader Opening/Weight



↓ FEATURES & BENEFITS



Greenline battery-powered combi tools GCT 5111 and GCT 5117: Lower weight, smaller size, high performance

Compact & lightweight

- Weights including battery only 30.2 lb and 31.7 lb
- Easy to carry, handle, transport and store
- Ideal for use in confined spaces



Optimal performance to weight ratio

- Extremely high spreading force compared to size and weight (model GCT 5111)
- Extremely high spreading distance compared to size and weight (model GCT 5117)
- High cutting force compared to size and weight (both models)

Self-contained

- Provides optimal freedom of movement
- Rapid deployment: Simply press the start button and start working

Powered by lithium-ion battery technology

- High battery capacity for long operation time
- Low self-discharge rate for long battery life
- No memory effect
- No power consumption when idle
- LED indicator shows battery capacity during use; when tool is switched off or when battery is not on tool, press button on battery to check charge level
- Battery 100% rechargeable in 60 minutes
- Easy click-on/click-off system on top to change battery with one hand, within seconds
- Suitable for air transportation
- Suitable for use at high altitudes

Emission-free

- No fumes from a pump: healthier for rescuers and victims
- Ideal for use in confined and/or underground spaces like tunnels, buses, trains and collapsed buildings
- Environmentally friendly

↓ FEATURES & BENEFITS



Lowest sound level

- Less stressful for victims
- Easier communication between rescuers and victims
- Equipment produces no sound when idle



Ergonomic and user-friendly

- Well-balanced
- Control handle always within reach on back of tools, so you can rotate them freely while your hand stays in the same position
- Battery on top of tools: Easy to change, even in narrow spaces

All weather conditions

- Suitable for use at below zero temperatures, up to -4°F (-20°C)
- Suitable for use in wet weather conditions

Multi-functional

- One tool for cutting, spreading and squeezing
- Model GCT 5117 also suitable for pulling
- Suitable for a variety of operations, from rapid intervention in vehicle rescue to USAR
- You can gain access to a modern vehicle with just one tool*
- Your choice: GCT 5111 for highest spreading force, GCT 5117 for highest spreading distance

* tested on a 2014 model Opel Insignia, avoiding the pillars



Equipped with i-Bolt

- Flat central bolt construction for better access to narrow spaces
- Squeezes the blades together directly, which results in less blade separation and a better cutting performance

Carrying handle with integrated LED lighting

- Provides illumination when rescue scene lighting is absent
- Never work in your own shadow by day



↓ SPECIFICATIONS

Model			GCT 5111		GCT 5117	
article number			158.052.041		158.052.042	
operator type			battery			
max. working pressure	psi	bar	10,443	720	10,443	720
performance/weight ratio*	lbf	kN	4,297	1,067	3,858	958
spreading distance	in	mm	11.1	281	17	431
max. spreading force	lbf	kN/t	102,738	457/46.6	12,140	54/5.5
max. spreading force (NFPA 1936, HSF)	lbf	kN/t	11,690	52/5.3	7,194	32/3.3
min. spreading force (NFPA 1936, LSF)	lbf	kN/t	8,992	40/4.1	5,620	25/2.5
max. pulling force (NFPA 1936, HPF)	lbf	kN/t	—	—	6,070	27/2.8
min. pulling force (NFPA 1936, LPF)	lbf	kN/t	—	—	4,047	18/1.8
max. cutting opening	in	mm	7.7	196	13.9	352
max. cutting force	lbf	kN/t	46,311	206/21	45,861	204/20.8
max. squeezing force	lbf	kN/t	9,892	44/4.5	6,070	27/2.8
pulling distance	in	mm	—	—	16.8	426
max. pulling force	lbf	kN/t	—	—	6,744	30/3.1
weight excl. battery	lb	kg	28.2	12.8	29.8	13.5
weight, ready for use	lb	kg	30.2	13.7	31.7	14.4
dimensions (L x W x H)	in mm		26.7 x 11.6 x 8 677 x 295 x 204		30.5 x 11.6 x 8 775 x 295 x 204	
temperature range			-4°F to +131°F (-20°C to +55°C)			
sound emission at 13 ft/3.25 ft (4 m/1 m) loaded	dB(A)		65/74			
NFPA 1936 classification			A5/B5/C5/D6/E4		A5/B5/C4/D6/E4	

*Performance/weight ratio = NFPA HSF X Spreader Opening/Weight



↓ FEATURES & BENEFITS



Greenline battery-powered combi tools GCT 4120 and GCT 4150: Eco-friendly, ergonomic, lowest noise level

Powered by lithium-ion battery technology

- High battery capacity for long operation time
- Low self-discharge rate for long battery life
- No memory effect
- No power consumption when idle
- LED indicator shows battery capacity during use; when tool is switched off or when battery is not on tool, press button on battery to check charge level
- Battery 100% rechargeable in 60 minutes
- Easy click-on/click-off system on top to change battery with one hand, within seconds
- Suitable for air transportation
- Suitable for use at high altitudes

Emission-free

- No fumes from a pump: healthier for rescuers and victims
- Ideal for use in confined and/or underground spaces like tunnels, busses, trains and collapsed buildings
- Environmentally friendly

Ergonomic and user-friendly

- Well-balanced
- Control handle always within reach on back of tools, so you can rotate them freely while your hand stays in the same position
- Battery on top of tools: Easy to change, even in narrow spaces

Lowest sound level

- Less stressful for victims
- Easier communication between rescuers and victims
- Equipment produces no sound when idle

Self-contained

- Provides optimal freedom of movement
- Rapid deployment: simply press the start button and start working



↓ FEATURES & BENEFITS



All weather conditions

- Suitable for use at below zero temperatures, up to -4°F (-20°C)
- Suitable for use in wet weather conditions

Multi-functional

- One tool for cutting, spreading, squeezing and pulling
- Suitable for a variety of operations, from vehicle rescue to USAR
- You can gain access to a modern vehicle with just one tool*

* tested on a 2014 model Opel Insignia, avoiding the pillars

Equipped with i-Bolt (model GCT 4150)

- Flat central bolt construction for better access to narrow spaces
- Squeezes the blades together directly, which results in less blade separation and a better cutting performance

Carrying handle with integrated LED lighting

- Provides illumination when rescue scene lighting is absent
- Never work in your own shadow by day





↓ SPECIFICATIONS

Model			GCT 4120		GCT 4150	
article number			158.052.034		158.052.035	
operator type			battery			
max. working pressure	psi	bar	10,443	720	10,443	720
performance/weight ratio*	lbf	kN	—	—	2,439	606
spreading distance	in	mm	10.6	268	14.2	360
max. spreading force	lbf	kN/t	11,690	52/5.3	47,435	211/21.5
max. spreading force (NFPA 1936, HSF)	lbf	kN/t	—	—	7,541	33.5/4
min. spreading force (NFPA 1936, LSF)	lbf	kN/t	—	—	6,598	29/3
max. pulling force (NFPA 1936, HPF)	lbf	kN/t	—	—	14,358	63.9/6.5
min. pulling force (NFPA 1936, LPF)	lbf	kN/t	—	—	8,230	36.6/3.7
max. cutting opening	in	mm	7.5	191	9	229
max. cutting force	lbf	kN/t	49,008	218/22.2	85,427	380/38.7
max. squeezing force	lbf	kN/t	10,341	46/4.7	17,085	76/7.7
pulling distance	in	mm	7.1	181	16.4	416
max. pulling force	lbf	kN/t	13,713	61/6.2	14,358	63.9/6.5
weight excl. battery	lb	kg	30	13.6	41.9	19.0
weight, ready for use	lb	kg	32	14.5	43.9	19.9
dimensions (L x W x H)	in mm		31.1 x 11.7 x 8.2 789 x 297 x 207		35.5 x 11.7 x 8.3 901 x 297 x 212	
temperature range			-4°F to +131°F (-20°C to +55°C)			
sound emission at 13 ft/3.25 ft (4 m/1 m) loaded	dB(A)		65/74			
NFPA 1936 classification			—		A7/B8/C6/D7/E7	

*Performance/weight ratio = NFPA HSF X Spreader Opening/Weight



↓ FEATURES & BENEFITS



Greenline battery-powered rams GRA 4321 and GRA 4331: High spreading force, lowest sound level

High performance

- High spreading force of 161 kN on both models

Lowest sound level

- Less stressful for victims
- Easier communication between rescuers and victims
- Equipment produces no sound when idle

Powered by lithium-ion battery technology

- High battery capacity for long operation time
- Low self-discharge rate for long battery life
- No memory effect
- No power consumption when idle
- LED indicator shows battery capacity during use; when tool is switched off or when battery is not on tool, press button on battery to check charge level
- Battery 100% rechargeable in 60 minutes
- Easy click-on/click-off system on top to change battery with one hand, within seconds
- Suitable for air transportation
- Suitable for use at high altitudes



↓ FEATURES & BENEFITS

Ergonomic and user-friendly

- Well-balanced
- Control handle always within reach



Self-contained

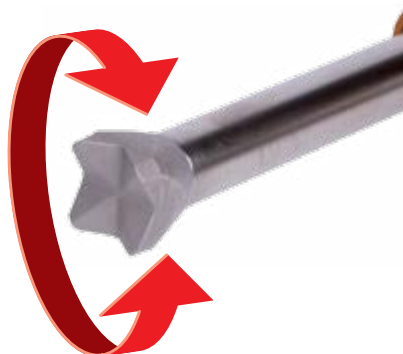
- For optimal freedom of movement
- Rapid deployment: Simply press the start button and start working

All weather conditions

- Suitable for use at below zero temperatures, up to -4 °F (-20°C)
- Suitable for use in wet weather conditions

Rotating cross heads

- Easy positioning and perfect grip in every situation



Emission-free

- No fumes from a pump: healthier for rescuers and victims
- Ideal for use in confined and/or underground spaces like tunnels and parking garages
- Environmentally friendly

Carrying handle with integrated LED lighting

- Provides illumination when rescue scene lighting is absent
- Never work in your own shadow by day



Extension pipes

- Three different sizes to bridge large lengths
- Easily connectible to the fixed side of the rams



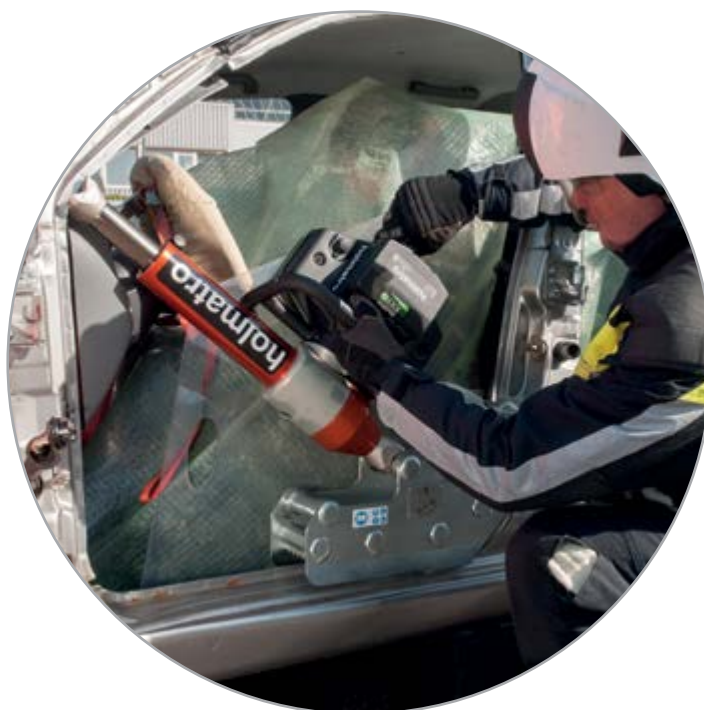
Wide variety of other accessories

- Including different heads, a base plate, ram supports and pulling accessories
- To increase your options in various rescue situations



↓ SPECIFICATIONS

Model			GRA 4321		GRA 4331	
article number			158.052.064		158.052.065	
operator type			battery			
number of plungers			1			
max. working pressure	psi	bar	10,443	720	10,443	720
spreading force over full stroke	lbf	kN/t	36,194	161/16.4	36,194	161/16.4
max. spreading force (NFPA 1936, HSF)	lbf	kN/t	36,460	162/16.5	36,460	162/16.5
min. spreading force (NFPA 1936, LSF)	lbf	kN/t	36,460	162/16.5	36,460	162/16.5
max. pulling force (NFPA 1936, HPF)	lbf	kN/t	11,265	50/5.1	11,265	50/5.1
min. pulling force (NFPA 1936, LPF)	lbf	kN/t	11,265	50/5.1	11,265	50/5.1
spreading / pulling stroke	in	mm	9.8	250	13.8	350
retracted length	in	mm	23.3	593	27.2	691
extended length	in	mm	33.2	843	41	1,041
pulling force over full stroke	lbf	kN/t	11,240	50/5.1	11,240	50/5.1
weight excl. battery	lb	kg	38.6	17.5	40.3	18.3
weight, ready for use	lb	kg	41	18.6	44.3	20.1
dimensions (L x W x H)	in mm		17.9 x 9.2 x 22.3 455 x 234 x 593		17.9 x 9.2 x 27.2 455 x 234 x 691	
temperature range			-4°F to +131°F (-20°C to +55°C)			
sound emission at 13 ft/3.25 ft (4 m/1 m) loaded		dB(A)	65/74			



↓ FEATURES & BENEFITS



Greenline battery-powered pump SPU 16 BC: Long running time, full application options

For any rescue operation

- Connects to your current Holmatro CORE tools: No need to buy new rescue equipment
- Including rescue operations in and under water, where the pump can be placed on land with the hose extended to your tools. No limitations in terms of applications.



Unparalleled running time

- 90 minutes during common vehicle extrications, which is much longer than battery equipment commonly used for rescue
- 45 minutes continuous spread/cut tool use

With next-generation LiFePO4 battery technology

- High battery capacity for long running time
- Low self-discharge rate for long battery life
- No memory effect
- LED indicator shows battery capacity during use; when pump is switched off, press button to check charge level
- Battery 100% rechargeable in 60 minutes
- Battery can be changed in seconds
- Suitable for use at high altitudes



Emission-free

- No fumes: healthier for rescuers and victims
- Ideal for use in confined and/or underground spaces like tunnels, buses, trains and collapsed buildings
- Environmentally friendly

↓ FEATURES & BENEFITS

Lowest noise level

- Less stressful for victims
- Easier communication between rescuers and victims

ECO whisper mode

- Power saving and extremely low noise level when tool is not in use

All weather conditions

- Suitable for use at below zero temperatures, up to -4 °F (-20°C)
- Suitable for use in wet weather conditions



Ergonomic design

- Well-balanced, compact and lightweight
- Easy to carry by one person



LED lights above the CORE coupler

- Easy to locate pump in the dark
- Facilitates coupling and uncoupling of hydraulic hose in the dark



With 3-stage pump technology

- Much higher flow/tool speed in 2nd stage to speed up your rescue operations
- Lower flow/speed in 3rd stage for more tool control

Various convenient charging options

- On the net or inside a rescue vehicle, even when the battery is still in the pump





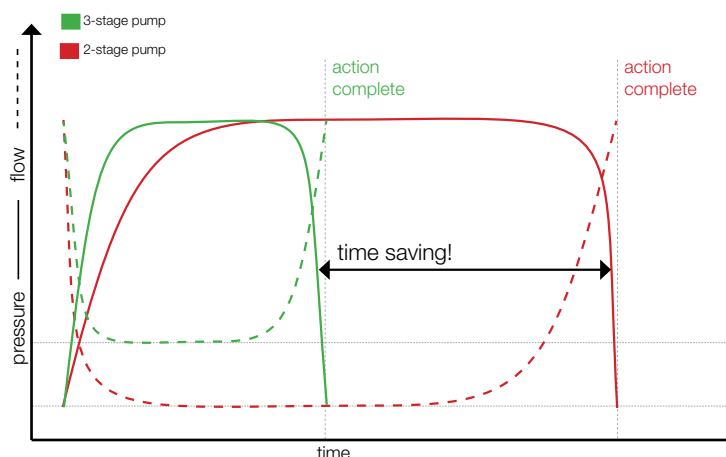
↓ SPECIFICATIONS

Model			SPU 16 BC	
equipped with (connector type)			CORE technology	
article number (excl. battery)			158.152.188	
number of tool connections			1	
working pressure	psi	bar	10,443	720
motor			36 VDC, 940 W	
pump type			3-stage axial	
effective oil capacity	oz	ml	57.5	1,700
output 1st stage (0 - 1885 psi)	oz / min	ml / min	91.3	2,700
output 2nd stage (1885 - 4061 psi)	oz / min	ml / min	40.6	1,200
output 3rd stage (4061 - 10443 psi)	oz / min	ml / min	15.2	450
continuous operation	per battery		90 minutes during common vehicle extrications, 180 minutes unloaded (idle)	
weight, ready for use, including battery ¹⁾	lb	kg	39	17.7
weight excluding battery	lb	kg	28.1	12.9
dimensions (L x W x H)	in	mm	20.9 x 9.9 x 15.3	530 x 252 x 388
sound emission at 3.25 ft (loaded)	dB(A)		75	
sound emission (unloaded)	dB(A)		67	
temperature range			-4°F to +131°F (-20°C to +55°C)	
3-stage pump technology			✓	
ECO whisper mode			✓	
battery level indicator			✓	
LED lighting above CORE coupler			✓	
oil level gauge			✓	
charger connector			✓	

¹⁾ inclusive hydraulic oil and coupler | Certified according to NFPA 1936. Certification conducted by UL.

3-stage pump technology for faster operation and greater control

The Holmatro Greenline pump incorporates 3-stage pump technology. This innovative system delivers higher flow in the second stage enabling you to cut through the B-pillar of an older model car in half the time it takes a 2-stage pump. The third stage delivers lower flow at higher pressure allowing you to cut through hard, reinforced pillars in a controlled way. The result is faster tool operation and more control when you need it.



Greenline — Cutters, Spreaders, Combi Tools, Rams

Item	Article Number
1 Battery 5 Ah - 28 V	150.006.208
2 Battery 3 Ah - 28 V	150.005.823
3 Battery Charger BCH 1, 220-240 V	150.182.208
4 Battery Charger BCH 2, 100-120 V	150.182.209
5 Battery Charger BCH 3, 12-24 V	150.182.286
6 Mains Power Connector BMC 1*, 220-240 V	150.182.206
7 Mains Power Connector BMC 2*, 100-120 V	150.182.207
8 Battery pouch	158.553.010
9 Carrying harness	150.553.115
10 Carrying strap	158.553.046
11 Carrying/storage bag	158.553.045

* Mains cable length: 8 ft - 2.5 m, tool cable length: 26 ft - 8 m



1-2



3-5



6-7



8



9



10



11

Combi Tools

Item	Article Number
GCT 5117	
12 Pulling attachments set	150.182.241
13 Pulling chains set	150.582.548
GCT 4150	
14 Pulling attachments set	158.582.004
15 Pulling chains set	158.582.001



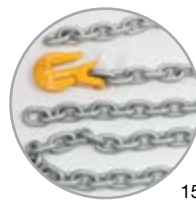
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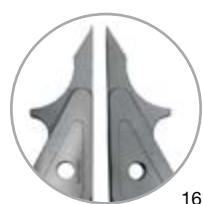
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Spreaders

Item		Article Number
16	Cutting tips, set for GSP 5240/5250	150.006.474
17	Pulling attachments, set for GSP 5240 CL	150.182.273
18	Pulling attachments, set for GSP 5240/5250	150.182.274
19	Accessories, set in case for GSP 5240 CL (2 spreading tips, 2 pulling attachments)	158.182.072
20	Accessories, set in case for GSP 5240/5250 (2 cutting tips, 2 spreading tips, 2 pulling attachments)	158.182.073
21	Pulling chains, set	150.582.152
22	Pulling chains, set in case	158.582.009



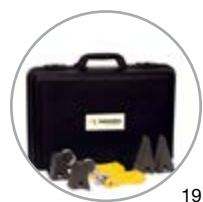
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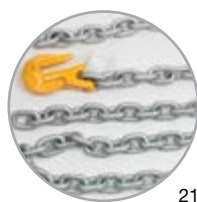
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Rams

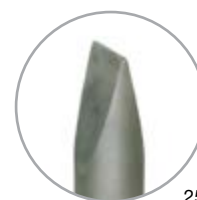
Item		Article Number
23	Ram support HRS 22 NCT	158.181.016
24	Ram support HRS 22	158.181.012
25	Wedge piece	150.181.324
26	Conical tip	150.181.325
27	Base plate round	150.181.326
28	Connection piece	150.181.327
29	Pulling chains set	158.582.001
30	Pulling attachments set	158.582.002
31	Ram extension 6.5 in (165 mm)	150.006.373
32	Ram extension 13.8 in (350 mm)	150.006.372
33	Ram extension 19.7 in (500 mm)	150.006.204



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Holmatro Greenline SPU 16 BC

Item	Art. Nr.	Description
1 Battery	150.004.313	36 VDC, 10 Ah, Li-ion (LiFePO4), 4.8 kg, with battery level indicator.
2 Battery charger	150.004.904	100-240 VAC, 50/60 Hz, input power max. 510 W, charging time 1 hour, output cable 10 ft (3 m), input cable 5 ft (1.5 m), LED indication: Mains - Charging - Full - Error
3 Docking station	150.004.623	Unit to charge a battery outside the pump, to be used in combination with battery charger.
4 Mounting plate pump side	150.062.192	To mount the pump on the Quick Fix & Release Bracket.
5 Quick Fix & Release Bracket	150.062.188	Bracket with universal mounting to secure the pump in a rescue vehicle. For quick and easy access to pump.
6 Angled mounting plate truck side	150.062.193	To mount the Quick Fix & Release Bracket under an angle. For less physical strain on rescuers when pulling out and putting back the pump.



1



2



3

Holmatro Quick Fix & Release Bracket

With the Holmatro Quick Fix & Release Bracket you no longer have to devise your own solutions for securing a hydraulic pump in your rescue vehicle. Thanks to its universal mounting, this bracket fits in any truck. Using the bracket saves precious time during a rescue

operation, protects the pump from damage, saves valuable vehicle space and is less physically demanding for rescuers when pulling out and placing back the pump.



4

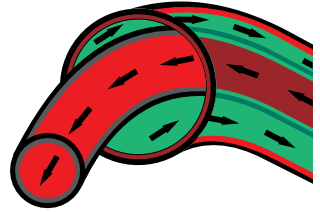
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CORE Technology™





CORE Technology™ is a hydraulic system that employs **CO**axial **R**escue **E**quipment hose, couplers, pumps and tools. It allows the rescuer to rethink and simplify extrication techniques and standard operating procedures. CORE Technology™ is a one-hose system, consisting of a high pressure inner hose surrounded and protected by a low pressure outer hose. What makes our coaxial hydraulic hose possible is our patented CORE Technology™ coupler. These couplers have a built-in, automatic return valve that eliminates the need for a dump valve on the pump; simply connect the hose and you're ready to go.

CORE Technology™ is significantly **faster**, **easier** and **safer**, allowing rescuers to focus on the rescue operation, not the rescue equipment. Once you work with CORE Technology™ and discover the unprecedented benefits, you won't want to go back to a twin line system.

Faster

- **Hot-swappable**
Change tools without returning to the power unit.
- **Connect and go**
There is no need to unroll a CORE Technology™ hose before making your connections. No more twisted or kinked hoses.

Easier

- **Error proof connections**
Male & female connectors cannot be connected incorrectly or in the wrong order. Female couplers always connect to the tool and male couplers always connect to the power unit. CORE Technology™ hoses also include icons and arrows for quick and easy identification.
- **Continuous swivels**
360° swivels on both ends of the hose prevent twisting or kinking.
- **Packing up**
Rolling up a CORE Technology™ hose is simple. With a couple of overhand or underhand flicks of the wrist, the hose is coiled and ready for storage.
- **Reduced weight & space**
Compared to a twin line hose of equal length, CORE Technology™ hose weighs approx. 40% less and the flexible design allows it to be coiled into a much tighter roll, making it easier to manage and store. Without pigtails, CORE Technology™ tools take up less compartment space and weigh less.

Safer

- **Protected power**
With CORE Technology™ hoses, the high pressure line is completely protected by the low pressure return line. The maximum a rescuer could be exposed to is 363 psi (25 bar).
- **Para-aramid yarn reinforced**
A CORE Technology™ hose does not use any steel wire for reinforcement, making it highly flexible and kink resistant. Both inner and outer hoses have a 4:1 safety ratio.
- **Fewer hoses in the action circle**
A single smooth hose, compared to twin line hoses with Oetiker clamps, reduces trip hazards and snag points. Hot-swappable power allows multiple tool operation from one hose, and prevents unnecessary travel to and from the power unit.

More hydraulic cutting force

In rescue operations, one needs power to cut hardened materials in modern vehicles. In addition, rescue operations require fast working equipment that is easy to use. Holmatro® engineers designed the NCT™ cutter range to offer more usable cutting force, while still utilizing the same maximum working pressure of 10,443 psi (720 bar). In addition (through innovative design, manufacturing techniques and lightweight materials) these NCT™ cutters are stronger yet weigh less.

How does Holmatro® stay at the forefront of advances in materials and vehicle construction?

Holmatro® acquires its knowledge of new car technology from a number of sources. First and foremost, we stay in close contact with leading manufacturers of passenger and commercial vehicles.

Another valuable source of information is the racing world. Holmatro® is the Official Rescue Tool of INDYCAR. New materials

and construction methods used to make cars lighter and safer are often first implemented in race cars before ending up in production vehicles.

Last, but not least, we receive input from training institutes and rescuers worldwide about their practical experiences. Combined with our in-house engineering knowledge, these sources help us develop rescue tools that are able to face the reality of modern vehicle extrication.





- **Lightweight**

- Lighter than ever thanks to new materials, component integration and intelligent design
- Easy to carry and handle, reducing physical burden

- **Patented CORE Technology™**

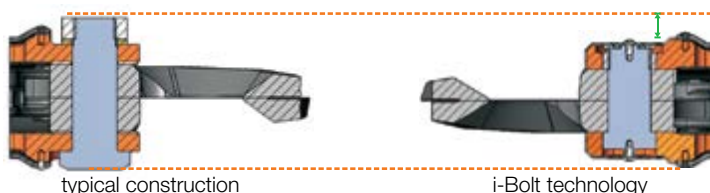
- CORE Technology combines oil feed and return in one hose and makes your rescue operations safer, quicker and easier

- **NCT cutter blades (5000 series cutters)**

- Patent pending inclined cutter jaw for additional ergonomics (5050i)
- Blades are specially designed to cut new car construction
- The U-shape surrounds the material and pulls it into the cutting recess, where it is cut at the strongest point of the cutter
- With optimized cutting edge for a long blade life and superior cutting performance

- **i-Bolt**

- Flat central bolt construction squeezing the blades together directly (no blade holder in between!) and more tightly. This minimizes blade separation and maximizes cutting performance.
- Allows for better access in narrow spaces.



- **Ergonomic carrying handle**

- New ergonomic carrying handle design increases operator comfort in various working positions

- **Integrated LED lighting (5000 series)**

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

- **Deadman's handle**

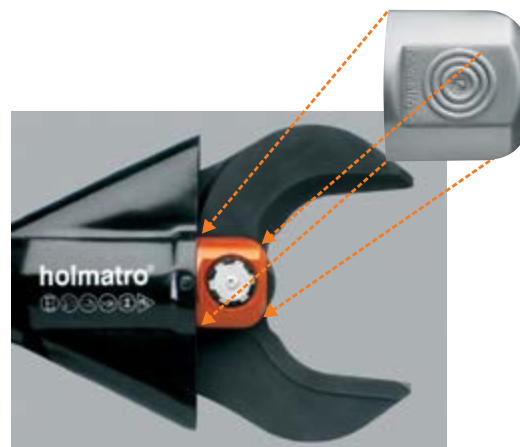
- Improved one-hand operation with positive grip - accurate spring return to neutral position proportional operation for more precise control

- **Non-slip carrying handle**

- Perfect grip for operation in all weather conditions

- **Rubber sleeve around blade levers**

- Safe for operator



In 2015, Holmatro launched its next generation of cutters with the CU 5050 and CU 5050i introduction. The “I” stands for the design of the tool’s blades which are “inclined” (**patent pending**). Lighter and more ergonomic than ever, without compromising quality

or cutting, they offer the best performance on modern vehicle construction, while also reducing the physical burden to first responders.



↓ SPECIFICATIONS

Model			CU 4035 NCT		CU 4055 NCT		CU 5050		CU 5050i	
article number			158.012.063		158.012.099		158.012.137		158.012.138	
max. working pressure	psi	bar	10,443	720	10,443	720	10,443	720	10,443	720
max. cutting opening	in	mm	6.3	159	8.6	219	7.2	182	7.2	182
max. force	lbf	Kn/t	79,807	355/36.2	228,856	1,018/103.8	317,430	1,412/144	312,260	1,389/141.6
weight, ready for use	lb	kg	30.4	13.8	43	19.5	35.1	15.9	35.7	16.2
dimensions (L x W x H)	in mm		28.7 x 9.3 x 7.5 730 x 236 x 190		32.5 x 10.4 x 7.6 825 x 264 x 194		30.4 x 10.9 x 7.6 773 x 278 x 193		30.8 x 10.5 x 11.1 783 x 266 x 281	
temperature range			-4°F to +131°F (-20°C to +55°C)							
NFPA 1936 classification			A6/B5/C6/D5/E6		A8/B7/C7/D8/E8		A8/B8/C7/D9/E9		A8/B8/C7/D9/E9	

Please see your local dealer for details on the availability of Twin Line tools



3010

4020

4031

4035

↓ SPECIFICATIONS

Model			CU 3010		CU 4020		CU 4031		CU 4035	
article number			158.012.064		158.012.056		158.012.057		158.012.095	
max. working pressure	psi	bar	10,443	720	10,443	720	10,443	720	10,443	720
max. cutting opening	in	mm	5.7	146	5.3	134	12	305	9.4	238
max. force	lbf	Kn/t	57,326	255/26	63,396	282/28.8	67,667	301/30.7	67,667	301/30.7
weight, ready for use	lb	kg	18.1	8.2	24	10.9	30	13.6	31.7	14.4
dimensions (L x W x H)	in		24.5 x 8.1 x 6.4		27 x 9.3 x 7.5		29.9 x 9.3 x 7.5		30.8 x 9.3 x 7.5	
	mm		622 x 205 x 163		686 x 236 x 190		760 x 236 x 190		781 x 236 x 190	
temperature range			-4°F to +131°F (-20°C to +55°C)							
NFPA 1936 classification			—		A6/B3/C5/D6/E5		A6/B7/C5/D7/E5		A6/B7/C6/D7/E6	

Please see your local dealer for details on the availability of Twin Line tools



↓ FEATURES & BENEFITS



Perfect grip

Perfect grip in every situation and under all circumstances thanks to the well-considered and effective profile of the spreading tips.



Integrated LED lighting

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



Lightweight

Lighter than ever thanks to new materials, component integration and smart design. Easy to carry and handle, reducing physical burden.



Ergonomic carrying handle

New ergonomic carrying handle design increases operator comfort in various working positions.



Built-in Speed Valve

When unloaded, the arms open quickly to the desired distance to speed up spreader positioning.



Patented CORE Technology™

CORE Technology combines oil feed and return in one hose and makes operations safer, quicker and easier.



SP 5250

The new 5000 series spreaders **SP 5240 CL: a class of its own**

Lighter than ever, no concessions

When it comes to the crunch, you can count on Holmatro spreaders. The most important factor in the development of our new 5000 series spreaders was weight reduction. Without compromising quality, spreading force and spreading distance. The result? The new 5000 series is lighter than ever, without concessions. Five spreaders with an optimum performance-to-weight ratio. All models are ergonomically designed, offer ultimate grip and have integrated LED-lighting with high light output. Above all, three models are available with a Greenline battery for increased freedom of movement.

Are you curious about the performance-to-weight ratio of our new 5000 series spreaders in comparison to other spreaders on the market?

When developing the SP 5240 CL we focused entirely on the high demands of practical application. This unique spreader is even more compact and lightweight than the other models from the 5000 series. It is fair to say that the SP 5240 CL is a class of its own and, therefore, stands above any other spreader on the market.



Performance-to-weight ratio

The new world standard

As a rescuer, you want to work with a spreader that combines the highest relevant spreading force* with the highest spreading distance and lowest weight. This was also the basis for the development of the new 5000 series spreaders. In comparison with other spreaders commonly available on the market, we offer the best performance-to-weight ratio.

Objective comparison

International standards like EN 13204 and NFPA 1936 offer standardized measuring methods for objectively comparing performances of hydraulic rescue equipment. These performance data are established by independent certification authorities, like UL and TÜV. In other words, in an "apples-to-apples" comparison, Holmatro spreaders deliver the best performance at the lowest weight!

All comparisons were made between similar models of spreaders, based on relevant certified and published data.

This ratio is calculated as follows:

$$\frac{(\text{relevant spreading force}^* \times \text{spreading distance})}{\text{weight}} = \frac{\text{performance}}{\text{weight}}$$

* this is the minimum spreading force you will always have at your disposal, measured at the top of the spreading tips over the full spreading distance

SP 5240

Holmatro: market maximum

Market average



SP 5250

Holmatro: market maximum

Market average



SP 5260

Holmatro: market maximum

Market average



SP 5280

Holmatro: market maximum

Market average



↓ SPECIFICATIONS

Model			SP 5240 CL		SP 5240		SP 5250		SP 5260		SP 5280	
article number			158.012.129		158.012.135		158.012.130		158.012.133		158.012.134	
equipped with (connector type)			CORE									
max. working pressure	psi	bar	10,443	720	10,443	720	10,443	720	10,443	720	10,443	720
performance/weight ratio*	lbf	kN	10,986	2,730	13,674	3,406	17,311	4,314	19,413	4,833	19,066	4,755
spreader opening	in	mm	20.1	510	28.5	725	28.5	725	32.4	822	26.1	662
max. spreading force	lbf	kN/t	29,450	131/13.4	62,947	280/28.6	82,280	366/37.3	117,350	522/53.2	104,087	463/47.2
max. spreading force (HSF**)	lbf	kN/t	11,915	53/5.4	15,737	70/7.1	21,806	97/9.9	26,303	117/11.9	31,923	142/14.5
min. spreading force (LSF**)	lbf	kN/t	7,868	35/3.6	8,543	38/3.9	10,341	46/4.7	13,039	58/5.9	16,636	74/7.5
max. pulling force (HPF**)	lbf	kN/t	10,566	47/4.8	10,566	47/4.8	15,062	67/6.8	18,434	82/8.4	22,256	99/10.1
min. pulling force (LPF**)	lbf	kN/t	5,395	24/2.4	5,620	25/2.5	6,969	31/3.2	8,318	37/3.8	11915	53/5.4
max. squeezing force	lbf	kN/t	10,566	47/4.8	13,264	59/6	30,349	135/13.8	28,551	127/13	35,745	159/16.2
pulling distance	in	mm	15.5	393	24	610	24	610	27.6	701	21.2	538
max. pulling force	lbf	kN/t	10,566	47/4.8	10,566	47/4.8	15,062	67/6.8	18,434	82/8.4	22,256	99/10.1
weight, ready for use	lb	kg	21.8	9.9	32.8	14.9	35.9	16.3	43.9	19.9	43.7	19.8
dimensions (L x W x H)	in		27.7 x 10.8 x 8.1		32.9 x 11.3 x 8.6		33.3 x 11.3 x 8.6		36.2 x 12.6 x 8.7		32.4 x 12.6 x 8.7	
	mm		703 x 274 x 205		836 x 286 x 218		847 x 286 x 218		919 x 321 x 220		822 x 321 x 220	
required oil content	oz	ml	4.2	124	7.6	226	9.8	291	13	384	13	384
temperature range			-4°F to +131°F (-20°C to +55°C)									
NFPA 1936			✓		✓		✓		✓		✓	

*Performance/weight ratio = NFPA HSF X Spreader Opening/Weight ** NFPA 1936

Please see your local dealer for details on the availability of Twin Line tools





↓ FEATURES & BENEFITS



Holmatro combi tools CT 5111 (RH) & CT 5117 (RH): Ultra-lightweight with high performance

Extremely compact & ultra-lightweight

- Ready for use weights only 18.1 lb and 19.6 lb
- Easy to carry, handle, transport and store
- Ideal for use in confined spaces



Optimal performance to weight ratio

- Extremely high spreading force compared to size and weight (5111 models)
- Extremely high spreading distance compared to size and weight (5117 models)
- High cutting force compared to size and weight (both models)

Multi-functional

- One tool for cutting, spreading and squeezing
- 5117 models also suitable for pulling
- Suitable for a variety of operations, from rapid intervention in vehicle rescue to USAR
- You can gain access to a modern vehicle with just one tool*
- Suitable for under water use
- Your choice: CT 5111 for highest spreading force, CT 5117 for highest spreading distance

* tested on a 2014 model Opel Insignia, avoiding the pillars

Connectable to all Holmatro pumps

- The separate pump decreases the weight of the tool and increases maneuverability
- CORE Technology™ makes setup quick and easy: only one hose to connect to pump and tool



↓ FEATURES & BENEFITS



Equipped with i-Bolt

- Flat central bolt construction for better access to narrow spaces
- Squeezes the blades together directly, which results in less blade separation and a better cutting performance

Carrying handle with integrated LED lighting

- Provides illumination when rescue scene lighting is absent
- Never work in your own shadow by day

Also available with 360° rotatable, flat foldable carrying handle (RH models)

- Continuous swivel with 11 locking positions for use of the tool at almost any angle
- Collapsible for extra compact transportation and storage



↓ SPECIFICATIONS

Model			CT 4150		CT 5111		CT 5111 RH		CT 5117		CT 5117 RH	
article number			158.012.062		158.012.125		158.012.116		158.012.126		158.012.117	
equipped with (connector type)			CORE									
max. working pressure	psi	bar	10,443	720	10,443	720	10,443	720	10,443	720	10,443	720
performance/weight ratio*	lbf	kN	3,443	855	7,169	1,782	7,169	1,782	6,240	1,550	6,240	1,550
spreader opening	in	mm	14.2	360	11.1	281	11.1	281	17	431	17	431
max. spreading force	lbf	kN/t	47,435	211/21.5	102,738	457/46.6	102,738	457/46.6	12,140	54/5.5	12,140	54/5.5
max. spreading force (HSF**)	lbf	kN/t	7,541	33.5/3.4	11,690	52/5.3	11,690	52/5.3	7,194	32/3.3	7,194	32/3.3
min. spreading force (LSF**)	lbf	kN/t	6,598	29.3/3	8,992	40/4.1	8,992	40/4.1	5,620	25/2.5	5,620	25/2.5
max. pulling force (HPF**)	lbf	kN/t	14,358	63.9/6.5	—	—	—	—	6,070	27/2.8	6,070	27/2.8
min. pulling force (LPF**)	lbf	kN/t	8,230	36.6/3.7	—	—	—	—	4,047	18/1.8	4,047	18/1.8
max. cutting opening	in	mm	7.7	196	7.7	196	7.7	196	13.9	352	13.9	352
max. cutting force	lbf	kN/t	85,127	380/38.7	46,311	206/21	46,311	206/21	45,861	204/20.8	45,861	204/20.8
max. squeezing force	lbf	kN/t	17,085	76/7.7	9,892	44/4.5	9,892	44/4.5	6,070	27/2.8	6,070	27/2.8
pulling distance	in	mm	16.4	416	—	—	—	—	16.8	426	16.8	426
max. pulling force	lbf	kN/t	14,358	63.9/6.5	—	—	—	—	6,744	30/3.1	6,744	30/3.1
required oil content (effective)	oz	ml	2.8	83	1.9	55	1.9	55	1.9	55	1.9	55
weight, ready for use	lb	kg	31.1	14.1	18.1	8.2	18.1	8.2	19.6	8.9	19.6	8.9
dimensions (L x W x H)	in mm		31 x 9.3 x 7.5 787 x 236 x 190		22.3 x 11.3 x 7.6 566 x 287 x 193		22.3 x 8.8 x 4.4 566 x 223 x 112		26.1 x 11.3 x 7.6 664 x 287 x 193		26.1 x 8.8 x 4.4 664 x 223 x 112	
temperature range			-4°F to +131°F (-20°C to +55°C)									
NFPA 1936 classification			A7/B8/C6/D7/E7		A5/B5/C5/D6/E4				A5/B5/C4/D6/E4			

*Performance/weight ratio = NFPA HSF X Spreader Opening/Weight

** NFPA 1936

Please see your local dealer for details on the availability of Twin Line tools



↓ FEATURES & BENEFITS



Holmatro hand-operated combi tools HCT 5111 (RH) & HCT 5117 (RH): Ultra-lightweight, high performance, ultimate mobility

Extremely compact & ultra-lightweight

- Ready for use weights only 19.2 lb and 20.7 lb
- Easy to carry, handle, transport and store
- Ideal for use in confined spaces



Multi-functional

- One tool for cutting, spreading and squeezing
- 5117 models also suitable for pulling
- Suitable for a variety of operations, from rapid intervention in vehicle rescue to USAR
- You can gain access to a modern vehicle with just one tool*
- Suitable for under water use
- Your choice: HCT 5111 for highest spreading force, HCT 5117 for highest spreading distance

* tested on a 2014 model Opel Insignia, avoiding the pillars



Optimal performance to weight ratio

- Extremely high spreading force compared to size and weight (5111 models)
- Extremely high spreading distance compared to size and weight (5117 models)
- High cutting force compared to size and weight (both models)



↓ FEATURES & BENEFITS



Non-slip selection ring

- Easy, intuitive selection of cutting or spreading function
- Offers good grip



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 360° rotatable and lockable in 22 positions for use of the tool in almost any position
- Pump handle also flat foldable for compact transportation and storage



Equipped with i-Bolt

- Flat central bolt construction for better access to narrow spaces
- Squeezes the blades together directly, which results in less blade separation and a better cutting performance

Carrying handle with integrated LED lighting

- Provides illumination when rescue scene lighting is absent
- Never work in your own shadow by day

Also available with 360° rotatable, flat foldable carrying handle (RH models)

- Continuous swivel with 11 locking positions for use of the tool at almost any angle
- Collapsible for extra compact transportation and storage



↓ SPECIFICATIONS

Model			HCT 5111		HCT 5111 RH		HCT 5117		HCT 5117 RH	
article number			158.012.121		158.012.119		158.012.122		158.012.120	
equipped with (connector type)			hand							
max. working pressure	psi	bar	10,443	720	10,443	720	10,443	720	10,443	720
spreading distance	in	mm	11.1	281	11.1	281	17	431	17	431
max. spreading force	lbf	kN/t	102,738	457/46.6	102,738	457/46.6	12,140	54/5.5	12,140	54/5.5
max. spreading force (HSF*)	lbf	kN/t	11,690	52/5.3	11,690	52 / 5.3	7,194	32/3.3	7,194	32/3.3
min. spreading force (LSF*)	lbf	kN/t	8,992	40/4.1	8,992	40 / 4.1	5,620	25/2.5	5,620	25/2.5
max. pulling force (HPF*)	lbf	kN/t	—	—	—	—	6,070	27 / 2.8	6,070	27 / 2.8
min. pulling force (LPF*)	lbf	kN/t	—	—	—	—	4,047	18 / 1.8	4,047	18 / 1.8
max. cutting opening	in	mm	7.7	196	7.7	196	13.9	352	13.9	352
max. cutting force	lbf	kN/t	46,311	206/21	46,311	206/21	45,861	204/20.8	45,861	204/20.8
max. squeezing force	lbf	kN/t	9,892	44/4.5	9,892	44/4.5	6,070	27/2.8	6,070	27/2.8
pulling distance	in	mm	—	—	—	—	16.8	426	16.8	426
max. pulling force	lbf	kN/t	—	—	—	—	6,744	30/3.1	6,744	30/3.1
weight, ready for use	lb	kg	19.2	8.7	19.2	8.7	20.7	9.4	20.7	9.4
dimensions (L x W x H)	in mm		21.3 x 11.3 x 7.6 540 x 287 x 193		21.3 x 8.8 x 5.7 540 x 223 x 145		24.6 x 11.3 x 7.6 626 x 287 x 193		24.6 x 8.8 x 5.7 626 x 223 x 145	
temperature range			-4°F to +131°F (-20°C to +55°C)							
NFPA 1936 classification			A5/B5/C5/D6/E4				A5/B5/C4/D6/E4			

* NFPA 1936

Please see your local dealer for details on the availability of Twin Line tools

Hand Operated Power Wedge

- **Small insertion height with high spreading force**
 - Creates initial gap for other lifting or spreading equipment such as combi tools, spreaders, lifting bags, or jacks
- **Self contained**
 - No external power source required. No hose(s) required.
- **Pump and tool in one**
 - Fits in every rapid intervention vehicle. Lightweight, easy to carry and transport. Easy to use.
- **Handle can rotate in every direction**
 - Versatile, for every rescue operation. Less repositioning of tool ensures a fast rescue operation.
- **Pump is 2-stage type**
 - Without load: higher operating speed for a fast rescue operation
 - With load: little force needed
- **Compact as pump handle can be folded up**
 - Easier to transport and carry, less space when stored
- **Low noise level**
- **Non-slip carrying handle**
 - For a perfect grip under all circumstances
- **Perfect balance**
 - Easy to pick up and to carry



HPW 4624

Model			HPW 4624	
article number			158.062.007	
max. working pressure	psi	bar	10,443	720
max. spreading force	lbf	kN/t	56,877	253/25.8
min. insertion space	in	mm	0.2	6
max. lifting height	in	mm	2	51
wedge angle			15°	
weight, ready for use	lb	kg	26	11.8
dimensions (L x W x H)	in	mm	28.1 x 10.6 x 7.8 713 x 270 x 197	
temperature range			-4°F to +131°F (-20°C to +55°C)	

↓ FEATURES & BENEFITS



4321



4322

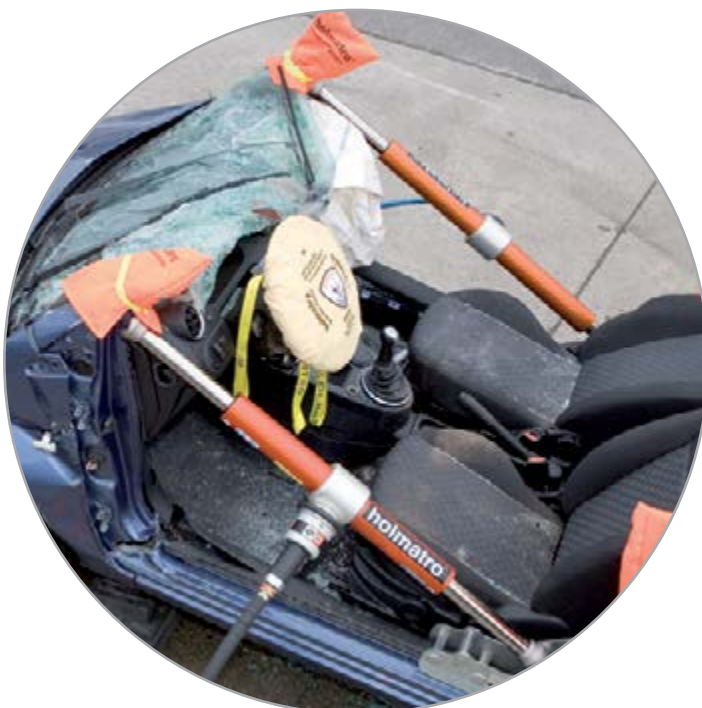


4331



4332

- **Rotational grip heads**
 - perfect grip in any situation
- **Deadman's handle**
 - improved one-hand operation with positive grip
 - accurate spring return to neutral position
 - proportional operation for more precise control
- **Anodized aluminum parts for corrosion protection**
- **Unique full protection against overload**
- **CORE Technology™ standard**
 - optional twin line
- **Patent pending speed valve for up to 35% faster opening speeds**



↓ SPECIFICATIONS

Model			4321		4322		4331		4332	
article number			158.032.009		158.032.010		158.032.011		158.032.012	
spreading force	lbf	kN	36,460	162.2	36,460	162.2	36,194	161	36,194	161
number of plungers			1		2		1		2	
stroke	in	mm	9.8	250	19.7	500	13.8	350	27.6	700
max. length	in	mm	29.8	757	48.9	1,242	37.7	957	64.7	1,642
weight, ready for use	lb	kg	24	10.9	34	15.4	28	12.7	39.9	18.1
dimensions (L x W x H)	in mm		20 x 13.3 x 4.8 507 x 407 x 122		29.2 x 13.3 x 4.8 742 x 338 x 122		23.9 x 13.3 x 4.8 607 x 338 x 122		37.1 x 16 x 4.8 942 x 407 x 122	
NFPA 1936			NFPA Compliant							

Ram Supports



HRS 22 NCT



HRS 22

Model			HRS 22		HRS 22 NCT	
dimensions - L x W x H	in	mm	15.7 x 4.2 x 9.4 400 x 106 x 240		17.7 x 5.9 x 11 450 x 150 x 280	
weight, ready for use	lb	kg	17	7.7	32.8	14.9

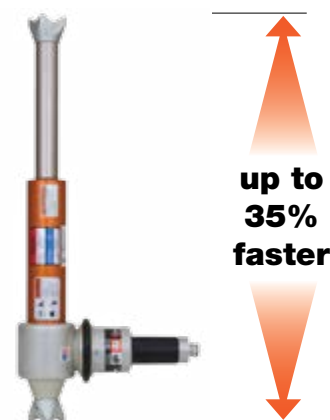
- **Wider ram support***
 - for wider door sills and B-pillars of new model cars
- **Teeth provide grip***
 - ensures that the ram support will not slip or tilt
 - aids on smaller sills and B-pillars of older model cars
- **Crossbar recess helps keep rams centered***
 - prevents tilting of ram support
- **Quick and easy to position either vertically or horizontally**
- **Contains multiple positioning bars**
 - for different ram angles
- **Suitable for use with all Holmatro® rams**

*HRS 22 NCT only





Model			4340		4350	
max. spreading force 1st section	lbf	Kn	49,145	218.6	49,145	218.6
max. spreading force 2nd section	lbf	Kn	18,210	81	18,210	81
max. spreading distance	in	mm	11.1	281	28.8	732
piston length 1st section	in	mm	6.2	157	15	380
piston length 2nd section	in	mm	4.9	124	13.9	352
max. extended length	in	mm	23.2	588	50	1,269
weight, ready for use	lb	kg	23.6	10.7	36.6	16.6
dimensions (L x W x H)	in mm		12.1 x 13.8 x 5.2 307 x 350 x 133		21.1 x 13.8 x 5.2 537 x 350 x 133	
NFPA 1936			NFPA Compliant			



- **Rotational grip heads**
 - perfect grip in any situation
- **Deadman's handle**
 - improved one-hand operation with positive grip
 - accurate spring return to neutral position
 - proportional operation for more precise control
- **Anodized aluminum parts for corrosion protection**
- **Unique full protection against overload**
- **CORE Technology™ standard**
 - optional twin line
- **Patent pending speed valve for up to 35% faster opening speeds**





XR 4360

Model			XR 4360	
article number			158.032.028	
max. working pressure	psi	bar	10,443	720
max. spreading force	lbf	kN	22,481	100 / 10.2
mechanical stroke	in	mm	11.7	298
hydraulic stroke	in	mm	13.8	350
total stroke	in	mm	25.5	648
retracted length	in	mm	24.6	625
extended length	in	mm	50	1,270
weight, ready for use	lb	kg	32	14.5
dimensions (L x W x H)	in	mm	24.6 x 8.3 x 6.7	
			625 x 210 x 170	
oil volume required for opening	in³	cc	22	356



Unlocking

step 1: press button to left or right

step 2: push ram in upward direction before pulling it down

- **Manually extendable**
 - for quicker positioning
 - enables more precise positioning
 - allows you to start spreading almost immediately
- **Large manual stroke**
 - also quickly positioned in large door openings
- **Manual extension with auto-lock system**
 - easy: no need to lock manually
 - safe: 2-step unlocking system helps avoid accidental unlocking
- **Unique adjustable carrying handle**
 - can be turned to left or right: easy use of ram on both sides of the vehicle
- **22,481 lb (100 kN) pushing force at every length**
 - no loss of power over full stroke
- **Compact dimensions with large stroke**
 - suitable for situations where little space is available and a large stroke is required
 - easy to store
 - fits in any opening created by any Holmatro® spreader
- **Lightweight (compared to 4350 telescopic ram)**
- **Small oil requirement**
- **Works on all Holmatro® mini pumps**





SR 10 PC 1



SR 20 PC 2



SR 40 PC 2



SR 40 HC 3 R



SR 40 ZC 4

- **Three-stage pump technology**
 - much higher flow/speed in second stage for quicker rescue operations
 - lower flow/speed in third stage for more tool control
- **Soft-grip carrying handle**
 - better grip
 - ergonomic design for improved carrying balance
- **Comparatively lightweight**
 - easy to carry and store
 - ergonomic, compact design
- **Large hydraulic oil capacity**
 - pump can be used with any Holmatro® double acting rescue tool
 - enough oil for up to six tools
- **Hydraulic oil level indicator**
 - easy to monitor oil level

The SR 40 ZC 4 offers:

- 3-stage hydraulic pump for faster tool speeds
- Simultaneous use of 4 rescue tools
- Can be used with any combination of 4 bulkhead fittings and/or hose reels
- Compact, remote mounting, with no need to access the pump during operation
 - Allows more efficient use of accessible compartment space
 - Auto-on. No switches, circuit breakers or dump valves to worry about
 - Hot-swappable CORE Technology®
 - Lightweight; less than 93 lb.

→ Spider Range Pumps

↓ SPECIFICATIONS

Model			SR 10 PC 1		SR 20 PC 2		SR 20 HC 2 R		SR 40 PC 2*		SR 40 HC 3 R*		SR 40 ZC 4*		
article number			158.152.175		158.152.178		158.152.223		158.152.183		158.152.236		158.152.246		
max. working pressure		psi bar	10,443 720												
number of stages			3												
1st stage pressure range min.		psi bar	0 – 2176 0 - 150												
1st stage output / min.		oz cc	98.1 2,900				101.4 3,000		98.1 2,900		101.4 3,000				
2nd stage pressure range min.		psi bar	2,176 - 4,061 150 - 280												
2nd stage output / min.		oz cc	44	1,300	44	1,300	45.6	1,350	44	1,300	44	1,300	45.6	1,350	
3rd stage pressure range min.		psi bar	4,061 - 10,443 280 - 720												
3rd stage output / min.		oz cc	18.6	550	18.6	550	19.44	575	18.6	550	18.6	550	19.44	575	
capacity fuel tank		oz cc	26	770	57.5	1,700	NA		104.8	3,100	NA		NA		
continuous operation (gas)		hrs	2		3.5		NA		3.5		NA		NA		
sound emission (unloaded)		dB (A)	79		81		73		84		66		NA		
capacity oil tank		oz cc	96	2,840	146.8	4,340	146.8	4,340	214.4	6,340	214.4	6,340	214.4	6,340	
capacity oil tank (effective)		oz cc	84.5	2,500	135.3	4,000	135.3	4,000	202.9	6,000	202.9	6,000	202.9	6,000	
operator type			petrol engine			electric motor			petrol engine		electric motor		hydraulic motor		
number of tool connections			1			2		2		2		3		4	
number of tools simultaneously usable			1			2		2		2		3		4	
pump type			3-stage axial		2 x 3-stage axial		3-stage axial		3-stage axial		3 x 3-stage axial		4 x 3-stage axial		
engine			4-stroke - 2.1 HP - 1.6 kW		4-stroke - 3.0 HP - 2.2 kW		230 VAC - 1.8 kW - 60 Hz - 1 Ph		4-stroke - 5.5 HP - 4.1 kW		240 VAC - 3 kW - 60 Hz -1 Ph		hydraulic motor		
required power			NA		NA		10.6 KVA		NA		20 KVA		hydraulic PTO		
weight, ready for use		lb kg	32	14.5	50	22.7	72.3	32.8	81.6	37	122.6	55.6	92.3	41.889	
dimensions (LxWxH)		in mm	14.2x11.4x16.7 360x290x423		17.9x12.4x18.1 455x315x460		17.9x12.4x18.1 455x315x460		19.6x18.4x19.4 497x467x492		22x18.4x19.4 560x467x492		19.6x18.4x19.4 497x467x492		
temperature range			-4°F to +131°F (-20°C to +55°C)												
UL Classified to NFPA 1936			Yes		Yes		Yes		Yes		Yes		Yes		

*Also available in other configurations



Quick Fix and Release Brackets
(SR 10 & 20 models)



LED Light Unit

Accessories

Items	Description
LED light unit	Detachable LED light
mounting plate pump side	To mount the pump on the Quick Fix and Release Bracket
Quick Fix and Release Bracket	Bracket with universal mounting to secure the pump in a rescue vehicle. For quick, easy access to pump.
angled mounting plate truck side	To mount the Quick Fix and Release Bracket under an angle. For less physical strain on rescuers when pulling out and putting back the pump.



ECO whisper mode for low noise level and reduced fuel consumption

Holmatro introduces this new feature on three pump models in the Spider range. When operating a hydraulic rescue tool connected to one of these pumps, the engine speed automatically increases to maximum to ensure optimal equipment performance. When you finish operating the tool, the engine reverts to ECO whisper mode which keeps the pump running at a low idle speed. This not only reduces fuel consumption which extends operation time, the noise level also goes down. A quieter pump is less stressful for victims and improves communication at the rescue scene. And because there's no need to switch off the pump in between operations, it's readily available for use again.

How does it work?

The ECO whisper mode works in combination with CORE hoses up to a length of 15 m. Once your equipment is connected to the pump and the pump is running, you simply press the ECO button on the pump for optimal reduction of noise and fuel consumption.



→ Spider Range Pumps w/ECO Whisper Mode



↓ SPECIFICATIONS



SR 10 PC 1 E



SR 20 PC 2 E



SR 40 PC 2 E

Motor pumps				Petrol					
Model				SR 10 PC 1 E		SR 20 PC 2 E		SR 40 PC 2 E	
article number				158.152.176		158.152.179		158.152.184	
equipped with				CORE					
EN 13204 classification ¹⁾				STO		MTO		MTO	
number of tool connections				1		2		2	
working pressure		psi bar		10,443 720					
engine ²⁾				4-stroke - 2.1 HP - 1.6 kW		4-stroke - 3.0 HP - 2.2 kW		4-stroke - 5.5 HP - 4.1 kW	
capacity fuel tank		oz	cc	26	770	57.5	1,700	104.8	3,100
continuous operation		hours		3.5		7.2		5.5	
pump type				3-stage axial pump		3-stage axial pump		3-stage axial pump	
effective oil capacity		oz	cc	84.5	2,500	135.3	4,000	202.9	6,000
output 1st stage (0 - 150 bar) min.		oz	cc	98.1	2,900	2 x 98.1	2 x 2,900	2 x 98.1	2 x 2,900
output 2nd stage (150 - 280 bar) min.		oz	cc	44	1,300	2 x 44	2 x 1,300	2 x 44	2 x 1,300
output 3rd stage (280 - 720 bar) min.		oz	cc	18.6	550	2 x 18.6	2 x 550	2 x 18.6	2 x 550
dimensions (L x W x H)		in mm		14.2 x 11.4 x 16.7 360 x 290 x 423		17.9 x 12.4 x 18.1 455 x 315 x 460		19.6 x 18.4 x 19.4 497 x 467 x 492	
weight, ready for use ³⁾		lb	kg	33.5	15.2	51.6	23.4	83.8	38
sound emission at 1 m ⁴⁾		dB(A)		82		85		85	
sound emission (unloaded)		dB(A)		76		78		79	
temperature range				-4°F to +131°F (-20°C to +55°C)					
ECO whisper mode				✓		✓		✓	
hydraulic oil level indication				✓		✓		✓ (dipstick)	
engine oil level sensor				✓				✓	

¹⁾ STO = Single Tool Operation, MTO = Multiple Tool Operation ²⁾ according to SAE J1349 ³⁾ including hydraulic and engine oil, fuel and couplers ⁴⁾ sound level with tool(s) at max. pressure at 1 m distance according to EN 13204

Certified according to NFPA 1936. Certification conducted by UL.

Compact Pumps

Model			DPU 31		SPU 16	
article number			158.152.111		158.152.188	
operator type			gas engine		battery	
max. working pressure	psi	bar	10,443	720	10,443	720
number of tool connections			2		1	
number of tools simultaneously usable			2		1	
pump type			2 x2-stage axial pump		3-stage axial pump	
engine			4-stroke 3.5 HP - 2.6 kW		NA	
number of stages			2		3	
first stage pressure range	bar	Mpa	0-190	0-19	0-130	0-13
second stage pressure range	bar	Mpa	190-720	19-72	130-280	13-28
third stage pressure range	bar	Mpa	NA		280-720	28-72
capacity fuel tank	oz	cc	42.3	1,250	NA	
continuous operation			4 hrs		NA	
sound emission (unloaded)	dB(A)		68		67	
capacity oil tank (effective)	oz	cc	84.2	2,490	57.5	1700
weight, ready for use	lb	kg	55.1	25	39	17.7
dimensions (LxWxH)	in mm		23.6 x 11.4 x 16.7 600 x 290 x 425		20.9 x 9.9 x 15.3 530 x 252 x 388	
temperature range			-4 + 131°F (-20 + 55°C)			
NFPA 1936			Yes		Yes	

*noise level with 2 tools at max. pressure, acc. to EN 13204: 81.2 dB. **noise level at 3.28 ft (1 m) distance: 79 dB.



DPU 31



SPU 16

↓ FEATURES & BENEFITS

DPU 31

CORE Technology™

- Quicker (saves time)
- Safer (more user-friendly)
- Easier (allows more efficient use of manpower)

Simultaneous operation of two rescue tools

Large hydraulic oil capacity

- Enough oil to operate two tools at the same time

Extremely low weight with excellent center of gravity

- Can easily be carried by one person

Very low noise level

- More comfortable for the patient
- Quieter and thus better workplace for rescuers

Non-toxic mineral oil

- Environmentally friendly

LED lighting

- Easy to locate pump in the dark
- Facilitates coupling and uncoupling of hoses in the dark

SPU 16

CORE Technology™

- Quicker (saves time)
- Safer (more user-friendly)
- Easier (allows more efficient use of manpower)

3-stage pump technology

- Much higher flow/speed in 2nd stage for quicker rescue operations

Standard in ECO mode: Electronic engine speed control

- Engine speed increases automatically to maximum when tool is used. When tool is not used, engine reverts to idle speed.
- Minimizes noise level at the rescue scene
- Minimizes fuel use

LED lighting

- Easy to locate pump in the dark
- Facilitates coupling and uncoupling of hoses in the dark

Manual pumps



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

Model			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	
article number			150.142.046		150.142.068		150.142.054		150.142.056		150.142.060	
operator type			hand								foot	
equipped with (connector type)			single hose				CORE					
max. working pressure		psi bar	10,443 720									
oil tank capacity (effective)		oz ml	13.9	410	30.4	900	30.4	900	60.9	1,800	60.9	1,800
number of stages			2									
first stage output (per stroke)		oz ml	0.62	18.4	0.74	21.8	0.74	21.8	1.45	42.8	1.45	42.8
second stage output (per stroke)		oz ml	0.05	1.4	0.07	2.1	0.07	2.1	0.1	3.1	0.1	3.1
weight, ready for use		lb kg	7.7	3.5	10.6	4.8	10.6	4.8	17	7.7	18.5	8.4
dimensions (L x W x H)		in mm	19.1 x 5.3 x 6.5 485 x 135 x 165		26.3 x 5.3 x 6.7 667 x 135 x 170		26.1 x 5.3 x 6.7 664 x 135 x 170		29.3 x 6.3 x 6.9 745 x 160 x 175		30.3 x 6.3 x 6.6 769 x 160 x 168	
temperature range			-4°F to +131 °F (-20°C to +55°C)									



Holmatro Quick Fix & Release Bracket: The innovative pump securing system saving time, effort and space



For quick release of the pump

- Simply press the handle and slide it to the side to unlock the pump, then slide the pump from the bracket
- Saves precious time during a rescue operation, when every second counts



For quick securing of the pump

- Simply put the pump on the bracket and push the handle back to the locked position
- Saves time and effort when packing up your vehicle after the rescue operation



Ergonomic

- Slide mechanism reduces strain on rescuers when removing and stowing the pump

Safe

- 2-step unlocking system helps prevent accidental release



Universal mounting

- Suitable for use in most vehicles
- Quick and easy mounting



Protects the pump from damage

- Pump is secured and locked to the base
- No movement of pump, even when the ride is bumpy



Saves space

- Takes up less space in the rescue vehicle than traditional pump securing systems
- No additional space required to release the pump



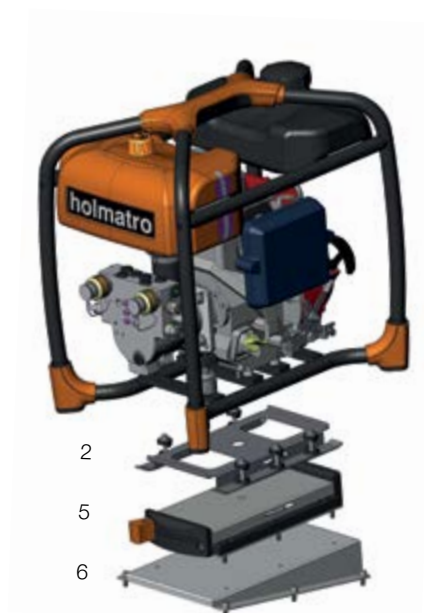
2 configurations available

- With angle mounting plate for easier removal and stowage of the pump in higher truck compartments
- Flat version for use in lower compartments

→ Quick Fix & Release Bracket

No.	Description	For Pump Type	Article Number
1	Mounting plate pump side for Quick Fix & Release Bracket. To mount pump on bracket.	SR 10	150.062.189
2	Mounting plate pump side for Quick Fix & Release Bracket. To mount pump on bracket.	SR 20	150.062.190
3	Mounting plate pump side for Quick Fix & Release Bracket. To mount pump on bracket.	SPU 16 BC / PC	150.062.192
4	Mounting plate pump side for Quick Fix & Release Bracket. To mount pump on bracket.	DPU 31 PC	150.062.191
5	Quick Fix & Release Bracket*. To secure pump in rescue vehicle, for quick & easy access to pump.	universal	150.062.188
6	Angle mounting plate truck side for Quick Fix & Release Bracket. To mount bracket under an angle. For easier removal and stowage of the pump in higher truck compartments.	universal	150.062.193

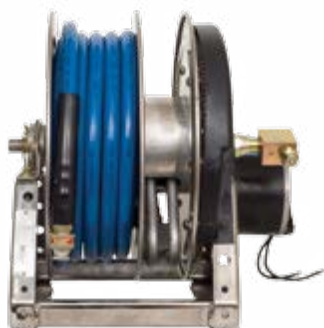
* Delivered with fastening material.





Hose Reels

Electric Rewind Hose Reels



DHR60C



DHR100C



HR5415



HR5515

Model			DHR60C		DHR100C		HR5415		HR5515		
article number			158.072.065		158.072.035		158.072.114		158.072.119		
equipped with (connector type)			CORE								
max. working pressure		psi bar	10,443 720								
operator type			electric motor		electric motor		manual		manual		
length hose on single hose reel	ft	m	60	18.2879	100	30.5	50	15	50	15.24	
weight, ready for use	lb	kg	74.1	33.6	89.3	40.5	38.1	17.3	76.5	34.7	
dimensions (L x W x H)	in mm		19 x 17.6 x 18.1 483 x 448 x 460		19 x 21.5 x 18 483 x 546 x 457		20.7 x 9.9 x 20.5 526 x 251 x 521		20.7 x 19.6 x 20.5 526 x 497 x 521		
temperature range			-4°F to +131 °F (-20°C to +55°C)								

Manual hose reel colors available in orange or blue

Hydraulic Hoses

Model		CORE Technology™
bend restrictors		black injection molded rubber
standard available lengths	ft m	16, 32, 50 5, 10, 15
primary features		shielded pressure CORE & auto return valve built into coupler
available colors		orange, green, blue, black
UL Classified to NFPA 1936		NFPA Compliant



CORE Technology™ Hydraulic Hose



Straight Bulkhead Fitting



90° Bulkhead Fitting

- **Available in Two Versions**
 - straight or 90° design for maximum versatility and customization
- **Ultra Compact**
 - saves compartment space
- **Allows Remote Connection**
 - in bumper
 - inside compartments
 - on outside of apparatus
 - with or without cover
- **Easy Installation**
 - installation template included in instruction manual
- **Allows “Plug and Play”**
 - connect any standard length CORE Technology™ hose and rescue tools

Typical Installations



Mounting plate (spacer) located on the inside of truck wall. Cover is flush with the truck body.



Mounting plate (spacer) located on the outside of the truck wall or bumper. With the 90° bulkhead fitting, this configuration requires only 2.24 in (57mm) in depth behind the wall.



Optional

CORE Remote Selector Valve for multiple bulkhead installation applications

Article number: 158.182.054





SMC 4006



CU 4007



HMC 8U



Model			CU 4007		SMC 4006		HMC 8U	
article number			158.012.107		158.012.096		158.012.048 (in orange case)	
max. cutting opening	in	mm	2.3	59	1	24.4	1.6	40
max. cutting force	lbf	kN/t	49,458	220/ 22.4	43,501	193.5/ 19.7	18,740	83.4/ 8.5
weight, ready for use (single line hose)	lb	kg	8.6	3.9	14.3	6.5	6.6	3
dimensions (L x W x H) (single line hose)	in	mm	15 x 2.8 x 5.3 380 x 72 x 135		15 x 4.5 x 9.2 382 x 114 x 234		13.1 x 2.4 x 3.4 333 x 62 x 86	

- **Compact, lightweight design**
- easy to use in confined spaces

SMC 4006

- **Adjustable rotating carry handle**
- simplifies cutting at various angles
- **Designed to cut round hardened materials**
- saves your rescue cutter blades



CU 4007

- **Blades optimized for both round and flat profiles**
- suitable for many different applications (e.g. cutting car pedals, head restraints and, in USAR operations, re-bar)
- **Push-button control**
- easy one-handed positioning and operation

HMC 8U manual cutter kit

- **Cuts steering wheel spokes, rebar, etc.**
- **Creates more space quickly and easily**
- **Complete self contained kit available**
- includes cutter head, hand pump, 6 ft (1.83 m) hose and storage box

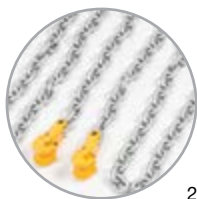


5000 Series (only for model 5117)

Item	Article Number
1 Pulling attachments set	150.182.241
2 Pulling chains set	150.582.548



1



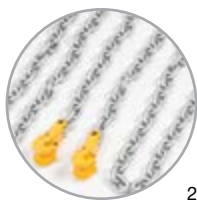
2

Hand-operated combi tools

Item	Article Number
1 Pulling attachments set (HCT 5117, HCT 5117 RH)	150.182.241
2 Pulling chains set (HCT 5117, HCT 5117 RH)	150.582.548
3 Carrying/storage bag (HCT 5111 RH, HCT 5117 RH)	150.182.227
4 Carrying strap	150.582.506
5 Backpack	158.553.011



1



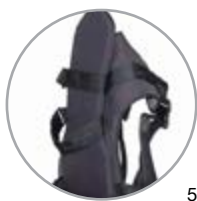
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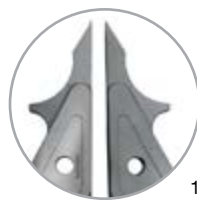
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5

5000 Series Spreaders

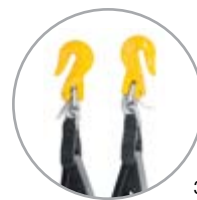
Item	Article Number
1 Cutting tips, set (SP 5240, SP 5250)	150.006.474
Cutting tips, set (SP 5260, SP 5280)	150.006.466
2 Pulling attachments (SP 5240 CL)	150.182.273
3 Pulling attachments (SP 5240, SP 5250)	150.182.274
4 Pulling attachments (SP 5260, SP 5280)	150.182.275
5 Pulling chains (SP 5240 CL, SP 5240, SP 5250)	150.582.152
Pulling chains (SP 5260, SP 5280)	150.582.261
6 Accessories, set in case (SP 5240 CL, SP 5240, SP 5250)	158.582.009
Accessories, set in case (SP 5260, SP 5280)	158.582.010
7 Accessories, set in case (2 spreading tips, 2 pulling attachments) (SP 5240 CL)	158.182.072
8 Accessories, set in case (2 cutting tips, 2 spreading tips, 2 pulling attachments) (SP 5240, SP 5250)	158.182.073
9 Accessories, set in case (2 cutting tips, 2 spreading tips, 2 pulling attachments) (SP 5260, SP 5280)	158.182.074



1



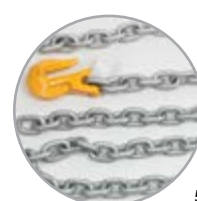
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3



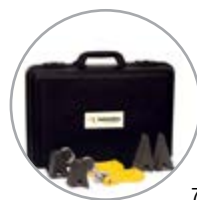
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6



7



8



9

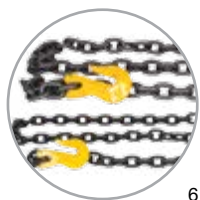


Rams

1. base plate
2. piercing point
3. wedge head
4. spare cross head
5. pulling attachment set
6. chains with hooks

Extension pipes can only be mounted on the fixed base of the 4321 and 4331

7. Ram extension, 6.5 in | 165 mm
8. Ram extension, 13.8 in | 350 mm
9. Ram extension, 19.7 in | 500 mm
10. storage case, small
11. storage case, large



Rescue Assist



The V-strut is designed to stabilize cars quickly, easily and safely. Incorporating an integrated head, slip resistant base plate and tensioning belt with hook and ratchet mechanism, this all-in-one tool is ready for immediate use.

Although the V-Strut has a high load capacity of 3,597 lbf (16 kN), it weighs just 15.9 lb (7.2 kg). This means it's easy to carry and handle. The auto-lock system enables you to set it up in no time. Simply extend it to the required length and it locks automatically. With locking steps every 1.18 in (30 mm), accurate positioning is easy, whether the car is on its side or roof.

- All-in-one solution
- No loose parts
- Rapid deployment for set-up in as little as 15 seconds

- Unique auto-lock system
- Squeeze and push mechanism
- Extremely lightweight
- Serrated, multi-purpose head
- Tensioning belt
- Snap hook
- Reel for tensioning belt
- High shoring capacity
- Base plate with slip resistant profile
- Heat resistant cover

V-Strut Vehicle Stabilization

Model			V-Strut	
max. axial load	lbf	kN	3,597	16
closed length	in	mm	42.5	1,080
number of stroke steps			24	
stroke step size	in	mm	1.18	30
total stroke	in	mm	28.35	720
extended length	in	mm	70.9	1,800
weight	lb	kg	17.4	7.9
dimensions (L x W x H)	in	mm	42.5 x 5.9 x 8.3	
	mm		1080 x 149 x 210	
length tensioning belt	ft	m	16.4	5

V-Strut Accessories

- Carrying/storage bag V-strut: 150.182.284
- PowerShore base support plate: 150.011.519
- Sheet metal knife: 150.062.183



Hydraulic Door Opener

Model			HDO 100	
article number			158.062.004	
stroke	in	mm	5.1	130
spreading force	lbf	kN	22,481	100
weight, ready for use*	lb	kg	14.8	6.7
dimensions (L x W x H)*	in	mm	11.8 x 4.7 x 3.9 300 x 120 x 98	

*tool only

• Complete Self Contained Kit

- HDO 100 door opener
- PA 04 H 2 S hand pump with 6 ft (2 m) hose
- storage case

• Rotating Hose Connection

- pigtail hose with continuous swivel and locking quick-connect coupler
- swivel handle



HDO 100

Concrete Crusher

Model			CC 20	
article number			150.012.234	
max. working pressure	psi	bar	10,443	720
max. opening	in	mm	9.1	230
squeezing force	lbf	kN	15,287	68
weight, ready for use	lb	kg	52.9	24
dimensions (L x W x H)	in	mm	36 x 17.3 x 8.3 880 x 440 x 210	

CC 20



Tool Station

PVC coated polyester canvas drop cloth to position tools on.

article number			150.182.044	
weight, ready for use	lb	kg	8.2	3.7
dimensions (L x W)	in	mm	8.2 x 6.6 2,500 x 2,000	



Sharp Edge Protection Cover SEP 10

Set with polyester covers and blankets to cover sharp edges which remain after cutting.

Article number: 150.581.677

Set supplied with:

- .2 x 10.2 x 11.8 in / 4 x 260 x 300 mm (150.583.141)
- .2 x 23.6 x 23.6 in / 4 x 600 x 600 mm (150.583.140)
- .1 x 59 x 23.6 in / 2 x 1500 x 600 mm (150.583.138)



Secunet III

Airbag protection cover; woven aramid fiber material.

article number	350.182.089			
weight, ready for use	lb	kg	1.8	0.8
for steering wheel diameter	in	mm	13.8 - 20.1	350 - 510
dimensions (L x W)	in	mm	10.6 x 6.9 x 3.3	268 x 175 x 85



Extrication Gloves

- SuperFabric® brand material palm provides
- ISEA Level 5 cut resistance
- Durable TP-X® palm and fingertip reinforcement for abrasion resistance, while maintaining an oil-resistant grip
- Back-of-hand impact protection system to dissipate forceful blows over a large area
- A double stitched core-spun thread on exterior and interior seams adds durability
- Reinforced index finger and thumb saddle extends glove life
- SlipFit® and anti-debris cuff assists a quick on and off between tasks
- Hi-Vis Holmatro orange color scheme
- Machine washable



Item Description

- 988.005.004 — Extrication glove 4013E-7 SMALL
- 988.005.005 — Extrication glove 4013E-8 MEDIUM
- 988.005.006 — Extrication glove 4013E-9 LARGE
- 988.005.007 — Extrication glove 4013E-10 XL
- 988.005.008 — Extrication glove 4013E-11 XXL

Rescue Support Bag

article number	150.182.155			
weight, ready for use	lb	kg	3.3	1.5

Standard supplied with:

- Tire deflator
- Seatbelt cutter
- Trim removal tools (hook and fork tool)
- Window punch
- Flexible steel rule
- Marker pen
- Mini LED torch
- Multi-cutter
- Waist and thigh strap



Lifting Solutions





Model		HLB 1	HLB 3	HLB 5	HLB 10	HLB 12	HLB 18	HLB 20	HLB 24	HLB 32	HLB 40	HLB 67
max. effective lifting force*	lb t	2,247 1	7,866 3.6	11,237 5.1	22,473 10.2	26,968 12.2	40,452 18.3	44,754 20.3	53,793 24.4	71,914 32.6	89,728 40.7	149,914 68
max. inflation height	in mm	3.1 80	5.1 130	5.9 150	8.5 215	8.9 225	9.4 240	11.4 290	8.5 215	15 380	15.9 405	20.5 520
length	in mm	6 150	9 228	11 270	15 380	16 408	26 660	20 508	13 310	26 658	28 708	36 908
width	in mm	6 150	9 228	11 270	15 380	16 408	15 360	20 508	40 1,000	26 658	28 708	36 908
weight	lb kg	1.3 0.6	3.3 1.5	4.4 2	8.4 3.8	11 5	15 6.8	14.8 6.7	20.9 9.5	28.7 13	33.3 15.1	51.8 23.5
thickness	in mm	0.875 22				1 25						
air volume	ℓ	6.3	16.2	22.5	76.5	90	171	189	216	450	558	1,206

*all ton specifications for lifting bags are listed in metric tons. A metric ton is 2,204.62 lbs

Bags Included in Packages

pkg.	HLB 1	HLB 3	HLB 5	HLB 10	HLB 12	HLB 18	HLB 20	HLB 24	HLB 32	HLB 40	HLB 67
pkg. 9	1	1	1								
pkg. 32					1		1				
pkg. 42						1		1			
pkg. 44					1				1		
pkg. 52					1		2				
pkg. 56					1		1	1			
pkg. 64					1		1		1		
pkg. 120					1		1	1	2		
pkg. 245					1	1	1	1	2	1	1

- **Eleven sizes available**
 - a lifting bag for every job
- **Now with reflective markings for better night visibility**
- **Revolutionary new non-slip design**
 - maximum grip on all surfaces
 - interlocking when 2 bags are used on top of each other
- **Unique low profile edges**
 - easy insertion with minimal clearance
- **Reinforced with 3 para-aramid inlays**
 - lightweight
 - highly flexible
 - proven durability
- **Centering cross on both sides**
- **Chemical and ozone resistant**
- **Carrying straps on HLB 40 and HLB 67 are mounted in threaded connection holes**





Model			LAB 4 U		LAB 6 U		LAB 9 U		LAB 16 U	
lifting capacity (per pair)	lb	t	8,800	4	13,250	6	19,850	9	35,300	16
dimensions in storage bag	in	mm	27.5 square 686 square		33.5 square 851 square		41.3 square 1,050 square		52 square 1,321 square	
weight, per pair	lb	kg	20	9	42	19	61	27,7	154	69,9
height deflated	in mm		2.3 59							
height inflated	in mm		24.4 619							
air contents (per pair)	ft³	ℓ	16	453	25	708	36	1.019	65	1.841

- **Four sizes available**
- a lifting bag for every job
- **High chemical resistance**

- **Top and bottom surface reinforced**
- wear-resistant
- non-slip



Power Wedge



3624

Model			3624	
article number			158.012.076	
wedge angle			15 degrees	
hydraulic system			single acting	
min. insertion	in	mm	0.2	6
lifting height	in	mm	2	51
lifting force	lbf	kN	48,100	214
weight, ready for use	lb	kg	20.9	9.5
dimensions - L x W x H			26.5 x 8.9 x 7.3 672 x 225 x 186	

Aluminum Jacks



HLJ 50 A 6

HLJ 50 A 10

Model			HLJ 50 A 6		HLJ 50 A 10	
article number			150.112.060		150.112.059	
lifting capacity	lbf	kN	114,653	510	114,653	510
closed length	in	mm	5.9	150	7.7	196
stroke	in	mm	2.4	61	4.1	104
weight, ready for use	lb	kg	15.4	7	19.2	8.7

Recommend use with PA 09 H 2 S hand pump

Toe-Jack

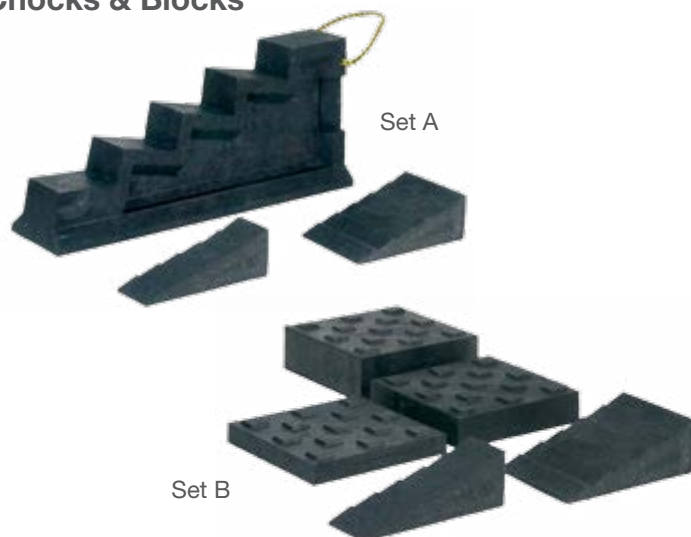


TJ 3610

Model			TJ 3610	
article number			158.012.025	
max. capacity (middle of saddle)	lb	metric ton	26,500	12
max. force (on toe)	lb	metric ton	22,000	10
lifting height / plunger stroke	in	mm	9.8	250
closed height	in	mm	17.6	448
min. insertion height toe	in	mm	2.2	56
weight, ready for use	lb	kg	45.2	20.5

Recommend use with PA 09 H 2 S hand pump

Chocks & Blocks



Set A

Set B

Component	approx. dimensions (L x W x H)	Set A	Set B
article number		158.562.004	158.562.005
step chock	24½ x 6 x 10¾ in 622 x 152 x 273 mm	2 qty.	—
small wedge 3 in (75 mm)	9 x 3 x 3 in 229 x 76 x 76 mm	2 qty.	2 qty.
large wedge 6 in (150 mm)	9 x 6 x 3 in 229 x 152 x 76 mm	2 qty.	2 qty.
thin lock block	9 x 9 x 1 in 229 x 229 x 25 mm	—	2 qty.
medium lock block	9 x 9 x 2 in 229 x 229 x 51 mm	—	2 qty.
thick lock block	9 x 9 x 3 in 229 x 229 x 76 mm	—	2 qty.

Struts with Pneumatic/Hydraulic Cylinders



AS 3 Q 5 FL



AS 3 L 5+



HS 1 Q 5 FL



HS 1 L 5+

PowerShore™ is a patented and versatile shoring system consisting of many lightweight components that can be coupled quickly. A broad range of accessories and many cylinder and extension pipe lengths allows for quick and easy shoring of vehicles, trenches and buildings. Cylinders are available with integrated pneumatic and mechanical struts, or powerful hydraulic cylinders with tremendous lifting capacity. All struts have female socks on both ends for quick attachment of our snap-on system saddles and extensions.

Struts with Pneumatic Cylinder

Struts with an integrated pneumatic cylinder have a maximum working pressure of only 116 psi (8 bar), making them suitable for use with bottled air or compressors. The pneumatic operation offers rapid placement as well as limited lifting capacity.

Struts with Hydraulic Cylinder

Struts with an integrated hydraulic cylinder are activated using an external, single acting hand pump for precise control. With a maximum working pressure of 10,443 psi (720 bar) these struts have incredible lifting capacity of up to 22,400 lbf (99.8 kN). Retracting the cylinder is assisted by a spring return when hydraulic pressure is released, using a needle valve on the pump.

Pneumatic and Hydraulic Struts come in two versions:

“Q” Quick lock versions incorporate a plunger with an automatic locking mechanism in 0.375 in (9 mm) steps. The integrated spacer, a spring operated flex mechanism, has a 0.5 in (13 mm) stroke. This space is compressed to overcome one step of the quick lock system, pretensioning the strut to a maximum of 900 lbf (4 kN). Releasing the locking mechanism is required before retracting the plunger.

“L” Lock Nut versions have a threaded plunger and lock nut. When the plunger is extended the lock nut may be manually secured at virtually any length. This provides positive locking at virtually any length and the cylinder pressure may be released without destabilizing the strut. Axial displacement per rotation of the lock nut is 0.625 in (16.5 mm).

Model		AS 3 Q 5 FL	AS 3 Q 10 FL	AS 3 L 5 +	AS 3 L 10 +	HS 1 Q 5 FL	HS 1 Q 10 FL	HS 1 L 5 +	HS 1 L 10 +
retracted length	in mm	25 632	43 1,092	22.6 575	41 1,035	25 632	43 1,092	22.6 575	41 1,035
stroke	in mm	10 252							
weight	lb kg	18.5 8.4	24.7 11.2	16.1 7.3	22.3 10.1	22.7 10.3	28.7 13	20.3 9.2	26.2 11.9
working pressure	psi bar	116 8				10,443 720			
force at working pressure	lbf kN	900 4				22,400 99.8			
oil contents @ max. stroke	in ³ cc	—				21.11 346			

Mechanical Struts



MS 2 L 2+



MS 2 L 5+

Model		MS 2 L 2 +	MS 2 L 5 +
locking system		thread	lock nut
retracted length	in mm	9.8 250	22.6 575
stroke	in mm	4.7 120	10 252
weight	lb kg	7.7 3,5	14.8 6,7

Mechanical struts

With no air or hydraulics required, mechanical struts offer quick, adjustable placement and stabilization. Female receptors on both ends allow mechanical struts to be used with extensions and snap-on saddles.

Thread

The strut is extended and retracted via integral threads, making it self-retaining. Axial displacement per strut rotation is 0.625 in (16.5 mm).

Lock nut

The plunger is manually extended and the lock nut is used to secure the strut. Axial displacement per lock nut rotation is 0.625 in (16.5 mm).

Extension Pipes



Except for the FX 1, all extensions are equipped with a male snap-lock on one end and a female on the other. The FX 1 is a double female that is used for connecting saddles to the male end of an extension pipe. This is useful for making a fixed strut using only extension pipes and saddles.

Model		SX 1	SX 2	SX 5	SX 10	SX 15	FX 1
approx. length	in mm	5 125	10 250	20 500	39 1,000	59 1,500	5 125
color code		white	blue	yellow	green	red	—
weight	lb kg	3.3 1.5	4.19 1.9	6.17 2.8	10.14 4.6	14.11 6.4	3 1.4
working load*	lbf kN	22,481 100					

*depending on total length

PowerShore™ Vehicle Stabilization Kit

The vehicle stabilization kit includes base plates, tensioning belts and a variety of extension pipes, connectors and saddles. Assemble to length and cinch the belts for rapid vehicle stabilization. All components may be used to expand the capabilities of other kits.

PowerShore™ Trench Kit

Using a PowerShore™ air strut trench kit offers rescuers the ability to shore a trench before getting into it. Using the included Velcro® straps to lower the assembled struts, remote air controllers extend the struts in place before rescuers enter. Lock nuts mechanically secure the air struts in place so air pressure is no longer required and hoses may be removed.

PowerShore™ Structural Collapse Kits

Two structural collapse kits are available to serve a variety of needs. The basic pneumatic kit comes complete with air struts. For greater lifting capacity we also offer a kit that combines mechanical struts with hydraulic struts. All kits are complete with extensions, saddles, wrenches and the required hoses and controllers needed.

High Pressure Lifting Bags

Model	Accessories
SORV 10 U	shut-off hoses with built in pressure relief valve
PRV 120 U	pressure regulator for low pressure SCBA only
HPRV 120 U	pressure regulator for high pressure SCBA only
SCV 10 U	single control unit
DCV 10 U	dual control unit
HDC 10 U	heavy duty dual control unit

Air hoses available with or without shut-off & pressure relief valve, in 10 ft (3 m), 16 ft (5 m), 32 ft (10 m) lengths.



storage case



HDC 10 U



HPRV 120 U



air hoses



SCV 10 U



DCV 10 U



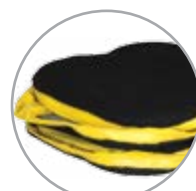
SORV 10 U

Low Pressure Lifting Bags

Contents	Item	Qt.
storage bag	A	1
lifting bags of equal capacity	B	2
special low pressure hose	C	2
yellow air hose 10 ft 3 m	D	1
twin air flow control unit	E	1
pressure regulator for SCBA bottle	F	1
repair kit	G	1



A



B



C



D



E



F



G

PowerShore™ Attachments

Flat Head - Aluminum

For support against flat surfaces.
0.66 lb | 0.3 kg, 3.5 in | ø 89 mm



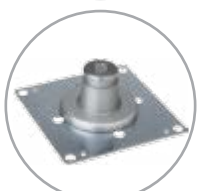
Pointed Head

For use in narrow gaps.
1.3 lb | 1.2 kg, 3.5 in | ø 89 mm



Flat Head w/ Nailing Plate - Aluminum

For support against flat surfaces, with nailing holes.
1.76 lb | 0.8 kg, 6 x 6 in | 150 x 150 mm



Base Support Plate

Can support 3 swivel heads and suitable for use of up to 3 tensioning belts to create a stable triangle. 3.2 lb | 2.8 kg



Tilting Head - Aluminum

For support on uneven or tilting surfaces. Max. angle 45° in all directions.
3.75 lb | 1.7 kg, 3.75 x 3.75 in | 95 x 95 mm



Trench Support Plate - Zinc Plated Steel

Can be nailed to wooden plates to support 2 swivel heads in a trench. 2 lb | 0.9 kg
11 x 4.3 x 3 in | 280 x 110 x 75 mm



Tilting Head w/ Nailing Plate - Aluminum
For support on uneven or tilting surfaces. Max. angle 45° in all directions.
5.5 lb | 2.5 kg, 6 x 6 in | 150 x 150 mm



Beam Support Head
For use with beams up to 4 in | 100 mm, with nailing holes.
2.65 lb | 1.2 kg



Beam Support Head
For use with beams up to 6 in | 150 mm, with nailing holes.
3.75 lb | 1.7 kg



L-Support Head
For use with wide beams, with nailing holes.
2.2 lb | 1 kg



Swivel Head - Aluminum
Can be placed in almost any position and against each other for mutual support.
4.4 lb | 2 kg



V-Block Head Small - Aluminum
For support of pipes.
1.5 lb | 0.7 kg, 3.5 in | ø 89 mm



V-Block Head Large - Aluminum
For support of pipes.
3.75 lb | 1.7 kg, 5.5 x 4 in | 141 x 100 mm



Cone Head
For support on concrete or steel surfaces.
1.1 lb | 0.5 kg, 3.5 in | ø 89 mm



Cross Head
For use on many kinds of surfaces.
2.2 lb | 1.1 kg



Tensioning Belt
Length: 82 ft | 4 m, width 0.98 in | 25 mm
Weight: 3.09 lb | 1.4 kg, load 2,248 lbf | 10 kN



Adjustable Hook Wrench
To create a pre-load with the MS 2 L 2+. Two pieces are advised.



Storage/Carrying Bag for Accessories



Storage/Carrying Bag for Struts and Extensions



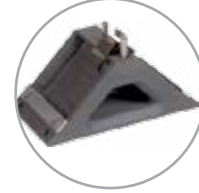
Anti-Roll Block
Prevents struts and extensions from rolling on uneven surfaces and protects against dirt and damage.



3-Way Swivel Head
Contains 3 integrated swivel heads for use with up to 3 shoring lines in various directions.



2-Way Block
To support 2 tilting heads.



Field Service Kit
Kit includes the following items in a storage box: tools, couplers, Velcro® straps, spare parts, hook wrench



Base Plate with Shackle Attachment
A stable and economical anchor point for tensioning straps.



Service & Training



Service by Holmatro®

Rescue equipment, more than any other type of equipment, must be reliable and perform well under all circumstances. That is why Holmatro® rescue tools comply with all important international safety norms such as NFPA 1936 and EN 13204. In many countries occupational health and safety legislation holds employers responsible for the safety of the equipment used by their staff. To ensure the reliability and safe operation of our products during

their whole lifespan we support users of Holmatro® rescue tools worldwide through our well-trained global dealer service network. This reflects our philosophy of being more than just a supplier: we strongly believe in long-term partnerships with our customers. Holmatro® dealers are factory trained and certified, authorizing them to provide service according to our high-quality standards.



Advantages

Regular testing and maintenance of your rescue equipment by an authorized Holmatro® dealer offers you many advantages:

- It ensures the safety of your rescue equipment for years to come.
- It allows your tools to work longer for you and makes your investment last longer.
- Holmatro® dealers work with original, high-quality spare parts.
- Holmatro® dealers have their own spare parts stock (and quick access to the large stock at Holmatro® which minimizes the down time of your tools.
- Holmatro® dealers are factory trained, know the latest technological developments and have direct contact with factory engineers; they are the best rescue tool service specialists in the market.
- Last but not least, by outsourcing service you can keep focusing on your core business: saving lives!

Training & Certification of Dealers

Considering rescuers' critical tasks they deserve the best possible service when it comes to the selection, use and maintenance of their equipment. Therefore every Holmatro® dealer is factory trained. Our compulsory training program includes not only repair & maintenance training, but also product & application training and basic rescue technique education. Training sessions are organized on a regular basis to ensure that Holmatro® dealers stay up-to-date with the latest developments. Successful completion of these sessions is required to remain a Holmatro® certified dealer service technician.

Holmatro® dealers can help you select the right equipment for specific application and provide services that help ensure optimal functionality and safety of your rescue tools. Periodic check-ups help prevent expensive repairs and keep you operating with safe and reliable equipment.



How can a Holmatro® dealer help you?

Your local Holmatro® dealer is more than a sales outlet for rescue equipment. Every Holmatro® dealer is your local resource and partner who can offer you a wide range of services.

- Advice on the best tools for specific applications
- Warranty repairs, modifications and upgrades for your Holmatro® rescue equipment
- Your resource for genuine Holmatro® spare parts and maintenance supplies
- A partner who can show you how to perform daily maintenance checks of your rescue equipment, helping ensure that your rescue tools are always in ready-for-use condition (maintenance after every use).
- Hands-on rescue tool training
- Basic vehicle extrication techniques training
- Emergency stabilization and shoring techniques training
- Demonstrations of the latest products, innovations and techniques, to help keep you current
- Presentations on special applications or other rescue related topics. For example, a presentation on the impact of new car technology on rescue tools and techniques.



Periodic testing and maintenance of your equipment ensures optimal safety and performance throughout its lifespan.



Some Holmatro® dealers can provide service on location.



Book

The Vehicle Extrication Techniques book was written as a resource for training and development for rescuers of all levels. Containing the most relevant and up to date information available, the book aims to:

- Promote a safe and systematic approach to the rescue of individuals trapped following a collision
- Explain the concept of extrication planning
- Explain techniques that may be used during the extrication process
- Introduce the rescuer to basic medical considerations

Topics include:

- Safety
- The vehicle
- Tools and equipment
- The team approach
- At the scene

Additional subjects: Rescue at night, extrication near water, training, multi-agency working, and more.



App

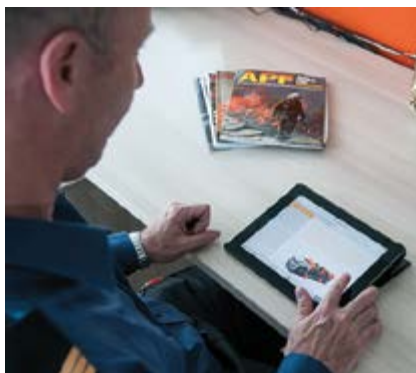
The App aims to promote a safe, methodical and casualty-centered approach to extrication. Detailing the most common rescue techniques utilizing video, it also highlights key medical concerns while guiding rescuers through the process of extrication planning.

Poster

The poster series explains and illustrates various vehicle extrication techniques. All information is visible at a single glance, making the posters perfect for displaying in the station, a classroom or dayroom.

Topics include:

- The working area
- Hybrid and electric vehicles
- Stability
- The team approach



E-Learning

The E-learning program guides students through the extrication program step by step, allowing users to increase their knowledge at their own pace. The system helps repeat themes requiring more attention and offers review exercises at regular intervals.

The Holmatro Rescue Experience provides hands-on extrication training to first responders with the latest Holmatro tools.

One training day consists of a morning session, followed by a rotation through four separate hands-on scenarios which may include but are not limited to the following:

- Car on its side with difficult access
- Car vs. semi rear side under run
- Car on roof with crush
- Crush Injury Syndrome

Guest Speakers

To add greater depth to the program, industry experts are invited to

participate. In 2015, we received a visit from Holmatro Safety Team doctors who discussed medical trauma response and provided instruction on extrication from vehicles with complicated safety features. Please note, guest speakers vary and may or may not be announced prior to training.

Professional training

The people behind the Holmatro Rescue Experience are pure industry professionals. The instructors are well trained and experienced. In addition, separate qualified Holmatro staff will be on-site to monitor and ensure everyone's safety. For more information on offering this type of event, please e-mail info@holmatro-usa.com or contact your local Holmatro dealer.



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