

RESCUE TOOLS



MADE IN THE USA

 **holmatro**
mastering power



YOU CAN COUNT ON US, FOR LIFE

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

TABLE OF CONTENTS

The Choice is yours	4
CORE Technology	5
EVO 3 Technology	6
EVO 3 Design	8
Inclined Cutting	10
Holmatro NCT Cutters	12

CUTTERS

Cordless NCT cutters - Inclined	14
Cordless NCT cutters - Traditional	15
NCT cutters - Inclined	16
NCT cutters - Traditional	17
Minicutter	18
Cutters - Accessories	18

SPREADERS

Cordless spreaders	20
Spreaders	21
Spreaders - Accessories	22
Lighter than ever, no compromise	23

COMBI TOOLS

Cordless combi tools	24
Combi tools	26
Hand-operated combi tools	28
Combi tools - Accessories	29

RAMS

Cordless rams	30
Rams - telescopic / Extendo	31
Rams - single and double plunger	32
Rams - Accessories	33

PUMPS

Greenline battery pump SPU 16 BC	34
Motor pumps	35
Spider Range pumps - SR 10	36
Spider Range pumps - SR 20	37
Spider Range pumps - SR 31/32	38
Spider Range pumps - SR 40/41/42	39
Pumps - hand / foot / air	40

HOSES & HOSE REELS

Hoses	41
Hose Reels	42

MISCELLANEOUS

Jacks & Wedges	43
Various Rescue Tools	44
Powershore	46
Rescue Assist Tools	48

LIFTING BAGS / LEAK SEALING

Lifting Bags	50
Leak Sealing Systems	52
Holmatro Offices & Dealers	53
A History of innovation	54

THE CHOICE IS YOURS

Same performance, different benefits



Holmatro offers a full range of high-performance rescue tools, powered by EVO 3 battery technology or by CORE technology.

CORE TECHNOLOGY

Safer, quicker, easier

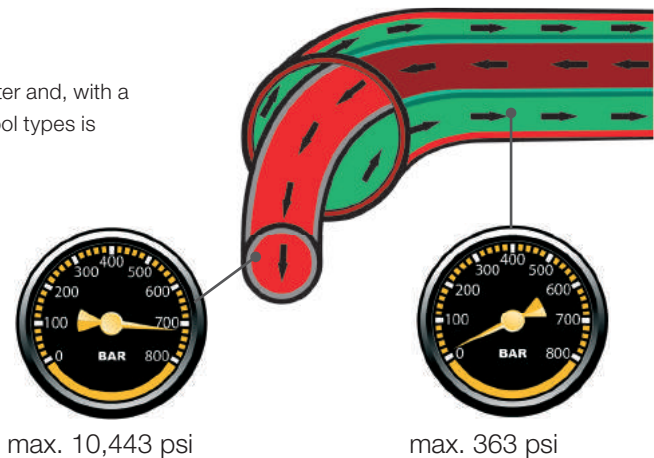


HOLMATRO CORE TECHNOLOGY HAS MADE RESCUE PROCEDURES QUICKER, EASIER AND SAFER

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

Main benefits

Compared to battery-powered rescue tools, CORE tools are still lighter and, with a higher-flow pump, also quicker. However, the performance of both tool types is exactly the same.

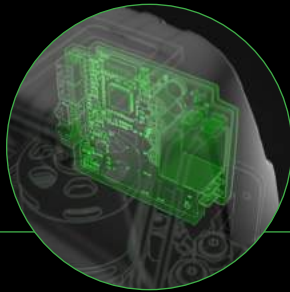


EVO 3 TECHNOLOGY

THE FUTURE IS CORDLESS

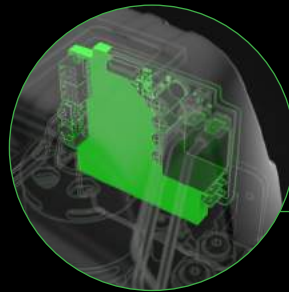
Our next generation battery-powered rescue tools deliver unmatched performance at a higher speed. Especially when it really counts, during challenging extrications. A quick look at the technology driving our EVO 3 tools.

CONSTANT HIGH SPEED



ELECTRONIC SPEED CONTROL (ESC)

ESC keeps the rpm of the brushless motor (and thus of the hydraulic pump) at a constant maximum level, even at high tool loads or when the battery voltage drops. This results in a continuous, optimally high tool speed.



DUST & MOISTURE PROOF

SEALED CIRCUIT BOARD

The electronics inside the tool are cast in resin and therefore fully protected against moisture and dust. In addition, EVO 3 tools have an IP54 rating against dust and splashing water.



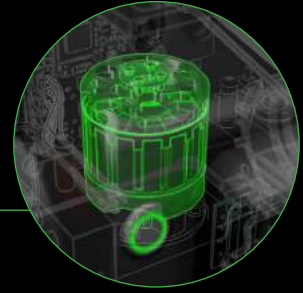
NO ENERGY LOSS

DIRECT-DRIVE PUMP

The motor drives the pump directly, without a gear transmission in between.

This eliminates mechanical energy loss and provides more usable torque to pump hydraulic fluid.

POWERFUL & ENERGY EFFICIENT



BRUSHLESS MOTOR

Powerful and extremely energy efficient motor, specially built for the application. Designed for use in hot, cold and wet weather conditions.

Greenline EV03
by Holmatro

**WATCH THE VIDEO OR
REQUEST A DEMO ON
HOLMATRO.COM/EV03**

EVO 3 DESIGN

ULTIMATE FREEDOM

Holmatro EVO 3 cordless rescue tools offer you maximum operational freedom. And not just because they are hoseless and ready to use at the touch of a button. It is their unique design that truly improves ease of use.

EVO 3 Cutters, see pages 14 - 15
EVO 3 Spreaders, see page 20
EVO 3 Combi Tools, see page 24
EVO 3 Rams, see page 30



**INLINE CONTROL
HANDLE WITH
360° ACCES**



SMART BATTERY POSITION

Inline control handle with 360° access

Centrally placed at the back of the tool, our control handle is always within reach, even in the most difficult positions and at all sides of the car.

Smart battery position

The battery on top of the tool is always accessible and easy to change, even when space is limited.

INCLINED CUTTING

MORE WORKING SPACE

More working space


Also available in a cordless version is our unique Inclined Cutter, offering improved ergonomics and maximized working space. Designed for easy use at all sides of the car.

**WATCH THE VIDEO OR
REQUEST A DEMO ON
[HOLMATRO.COM/EV03](https://www.holmatro.com/ev03)**

INCLINED CUTTING

THE 30° REVOLUTION

Improved ergonomics



RELIEF OF NECK,
BACK AND ARMS
WHEN
CUTTING HIGH



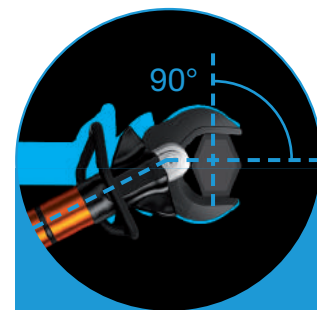
RELIEF OF NECK,
BACK, ARMS AND
LEGS WHEN
CUTTING LOW

When cutting high

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

When cutting low

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



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

With its unique 30-degree angled jaw, the Holmatro Inclined Cutter improves user comfort and maximizes working space. Available in various models, see pages 14 and 16.

Maximized working space



More room for tool movement

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

No unintended leverage

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

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

HOLMATRO NCT CUTTERS

UNMATCHED PERFORMANCE

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

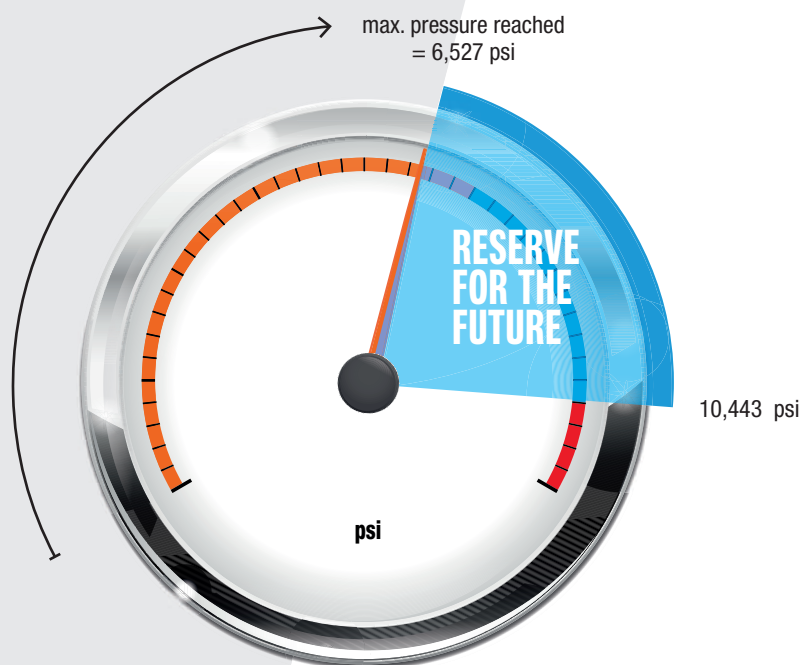
Tested on the latest car models

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

Ready for the future

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

TEST:
BMW X3, B-PILLAR
SINGLE CUT
CUTTER: CU 5060 I
AV. PRESSURE:
4,351 OUT OF 10,443 PSI



WATCH THE VIDEO ON
HOLMATRO.COM/EN/TEST



THANKS TO SMART TOOL DESIGN

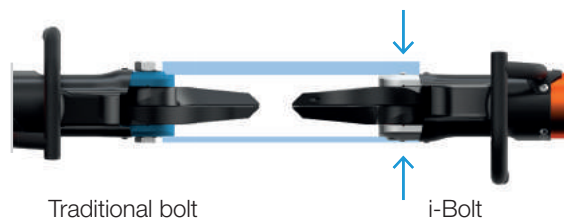
NCT blade design

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



i-Bolt

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



Optimized cutting edge

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



CORDLESS NCT CUTTERS - INCLINED

NCT = New Car Technology



GCU 5050 i EVO 3

specifications		GCU 5030 i CL EVO 3	GCU 5040 i EVO 3	GCU 5050 i EVO 3	GCU 5060 i EVO 3
art. no. (excl. battery)		158.052.197	158.052.199	158.052.201	158.052.203
NFPA 1936, cutting capacity		A6 B5 C6 D6 E6	A7 B7 C6 D7 E8	A8 B8 C7 D9 E9	A9 B9 C9 D9 E9
EN 13204 classification		BC150F-15.2	BC165I-19.0	BC165K-21.6	CC205K-25.4
cutter jaw		inclined	inclined	inclined	inclined
blade opening	in.	6.7	6.7	7.2	8.1
theoretical cutting force	lbf.	123,420	171,754	312,260	396,788
weight, ready for use (incl. battery)	lb.	33.5	41.9	47.6	56
round bar	in.	1.2	1.4	1.6	1.9
integrated lighting / i-Bolt		√ / √	√ / √	√ / √	√ / √

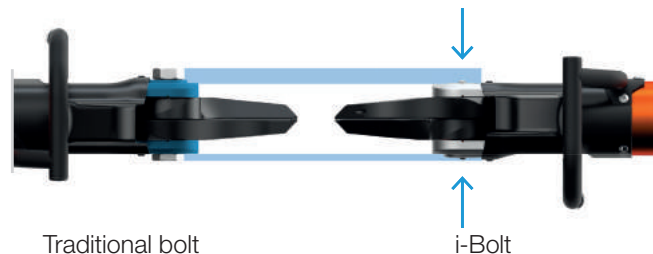
Inclined cutter jaw

- For more ergonomic cutting above waist height or low on the car
- To reduce the effect of tool movement towards the patient or the ground (no unintended leverage)



i-Bolt Technology

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



Ergonomic carrying handle

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

CORDLESS NCT CUTTERS - TRADITIONAL

NCT = New Car Technology



GCU 5030 CL EVO 3

specifications		GCU 5030 CL EVO 3	GCU 5040 EVO 3	GCU 5050 EVO 3	GCU 5060 EVO 3
art. no. (excl. battery)		158.052.196	158.052.198	158.052.200	158.052.202
NFPA 1936, cutting capacity		A6 B5 C6 D6 E6	A7 B7 C6 D7 E8	A8 B8 C7 D9 E9	A9 B9 C9 D9 E9
EN 13204 classification		BC150F-15.1	BC165I-18.8	BC165K-21.4	CC205K-25.3
cutter jaw		straight	straight	straight	straight
blade opening	in.	6.7	6.7	7.2	8.1
theoretical cutting force	lbf.	130,164	178,498	317,430	403,082
weight, ready for use (incl. battery)	lb.	33.3	41.4	47.2	55.8
round bar	in.	1.2	1.4	1.6	1.9
integrated lighting / i-Bolt		√ / √	√ / √	√ / √	√ / √

Self-contained

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



NCT blade design

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



Integrated LED lighting

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



NCT CUTTERS - INCLINED

NCT = New Car Technology

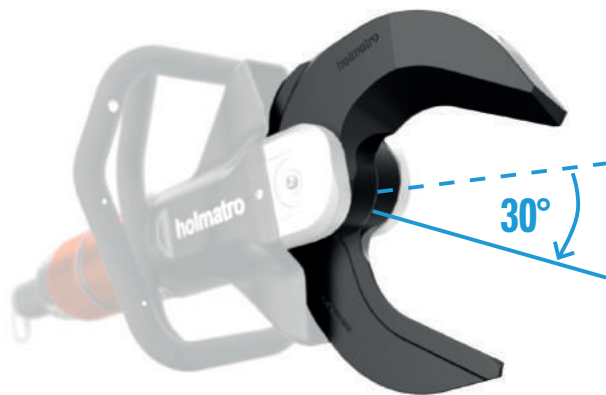


CU 5030 i CL

specifications	CU 5030 i CL	CU 5040 i	CU 5050 i	CU 5060 i
art. no.	158.012.160	158.012.159	158.012.163	158.012.161
cutter jaw	inclined	inclined	inclined	inclined
EN 13204	BC150F-9.5	BC165I-13.2	BC165K-15.9	CC205K-19.6
NFPA 1936	A6 B5 C6 D6 E6	A7 B7 C6 D7 E8	A8 B8 C7 D9 E9	A9 B9 C9 D9 E9
blade opening	in. 6.7	6.7	7.2	8.1
theoretical cutting force	lbf. 123,420	171,754	312,260	396,788
weight, ready for use	lb. 20.9	29.1	35.1	43.7
round bar	in. 1.2	1.4	1.6	1.9
integrated lighting / i-Bolt	√ / √	√ / √	√ / √	√ / √

Inclined cutter jaw

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



Integrated LED lighting

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



Ergonomic carrying handle

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



NCT CUTTERS - TRADITIONAL

NCT = New Car Technology



CU 5030 CL

specifications	CU 5030 CL	CU 5040	CU 5050	CU 5060
art. no.	158.012.144	158.012.136	158.012.162	158.012.145
cutter jaw	straight	straight	straight	straight
EN 13204	BC150F-9.5	BC165I-13.1	BC165K-15.7	CC205K-19.8
NFPA 1936	A6 B5 C6 D6 E6	A7 B7 C6 D7 E8	A8 B8 C7 D9 E9	A9 B9 C9 D9 E9
blade opening	in. 6.7	6.7	7.2	8.1
theoretical cutting force	lbf. 130,164	178,498	317,430	403,082
weight, ready for use	lb. 20.9	28.9	34.6	43.2
round bar	in. 1.2	1.4	1.6	1.9
integrated lighting / i-Bolt	√ / √	√ / √	√ / √	√ / √

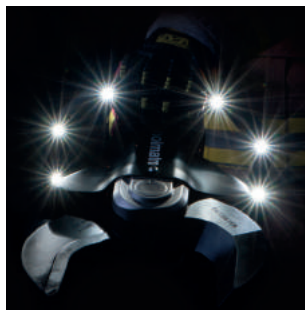
NCT blade design

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



Integrated LED lighting

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

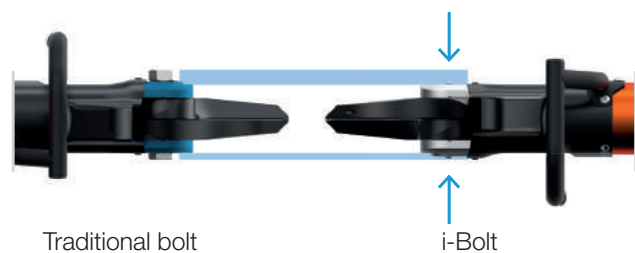


Lighter and more ergonomic than ever

- Easy to carry and handle, reducing physical burden

i-Bolt Technology

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



Traditional bolt

i-Bolt

MINICUTTER



CU 4007 C

specifications	CU 4007 C	
art. no.		158.012.107
EN 13204		AC59B-3.8
NFPA 1936		√
blade opening	in.	2.3
theoretical cutting force	lbf.	49,458
weight, ready for use	lb.	8.6
round bar	in.	0.8
integrated lighting / i-Bolt		-- / √



CUTTERS - ACCESSORIES

required Accessories (for all EVO 3 models)		art. no.
1	Battery BPA 286 (6.0 Ah)	151.000.307
accessories (for all EVO 3 models)		art. no.
	Battery charger BCH1 (220 - 240 VAC)	150.182.208
2	Battery charger BCH2 (100 - 120 VAC)	150.182.209
	Battery car charger BCH3, 12-24 VDC	150.182.286
3	Mains power connector BMC1 (220 - 240 VAC)	150.182.206
	Mains power connector BMC2 (100 - 120 VAC)	150.182.207
4	Battery pouch	158.553.010
5	Carrying strap	150.553.055





CORDLESS SPREADERS



GSP 5240 CL EVO 3

specifications		GSP 5240 CL EVO 3	GSP 5240 EVO 3	GSP 5250 EVO 3	GSP 5260 EVO 3
art. no. (excl. battery)		158.052.204	158.052.205	158.052.206	159.000.019
NFPA 1936 compliant		√	√	√	√
spreading distance	in.	20.1	28.5	28.5	32.4
max. spreading force	lbf.	29,450	62,947	82,280	117,350
min. spreading force (EN 13204)	lbf.	8,992	9,217	11,465	13,938
max. pulling force	lbf.	10,566	10,566	15,062	18,434
max squeezing force	lbf.	10,566	13,264	30,349	18,434
weight, ready for use (incl. battery)	lb	34	44.8	47.8	56.7
integrated lighting		√	√	√	√

Effective profile on the spreading tips

- Perfect grip in every situation

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, also in the case of (extreme) precipitation and temperatures down to -20° C.



Emission-free

- No emissions, so healthier for rescuers and patients: ideal for use in confined and/or underground spaces.



SPREADERS



SP 5240 CL

specifications		SP 5240 CL	SP 5240	SP 5250	SP 5260	SP 5280
art. no.		158.012.164	158.012.165	158.012.166	158.012.167	158.012.168
EN 13204		√ ¹⁾	AS41/725-14.5	AS51/725-15.9	BS62/822-19.6	CS83/662-19.4
NFPA 1936		√	√	√	√	√
spreading distance	in.	20.1	28.5	28.5	32.4	26.1
max. spreading force	lbf.	29,450	62,947	82,280	117,350	104,087
min. spreading force (EN 13204)	lbf.	8,992	9,217	11,465	13,938	18,659
max. pulling force	lbf.	10,566	10,566	15,062	18,434	22,256
max. squeezing force	lbf.	10,566	13,264	30,349	28,551	35,745
weight, ready for use	lb.	21.2	32	35.1	43.2	42.8
speed valve / integrated lighting		√ / √	√ / √	√ / √	√ / √	√ / √

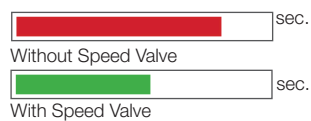
¹⁾ EN 13204 compliant, except for spreading distance

Lighter than ever, no concessions

- Optimal performance to weight ratio

Unique Speed Valve

- For quicker reactions



New LED lighting in the carrying handle

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



SPREADERS - ACCESSORIES



1



2



3



4



5



6

required accessories (for all EVO 3 models)		art. no.
1	Battery BPA 286 (6.0 Ah)	151.000.307
accessories (for all EVO 3 models)		art. no.
2	Battery charger BCH1 (220 - 240 VAC)	150.182.208
	Battery charger BCH2 (100 - 120 VAC)	150.182.209
	Battery car charger BCH3, 12-24 VDC	150.182.286
3	Mains power connector BMC1 (220 - 240 VAC)	150.182.206
	Mains power connector BMC2 (100 - 120 VAC)	150.182.207
4	Battery pouch	158.553.010
5	Carrying strap	150.553.055



7

accessories	for model CORE & EVO 3	art. no.
6	Pulling attachment set PAS 01	5240 CL 150.182.273
	Pulling attachment set PAS 02	5240 150.182.274
	Pulling attachment set PAS 03	5260 150.182.275
7	Pulling chain set PCS 01	5240 CL 150.582.152
	Pulling chain set PCS 03	5250 150.582.152
8	Pulling chain set in case	5260 158.582.009
	Pulling chain set in case PCS 04	5240 CL 158.582.010
9	Cutting tip set CTS 01	5240 150.006.474
	Cutting tip set CTS 02	5250 150.006.466
10a	Accessories set in case (2 spreading tips, 2 pulling attachments)	5260 158.182.072
10b	Accessory set in case (2 cutting tips, 2 spreading tips, 2 pulling attachments)	5240 CL 158.182.073
	Accessory set in case (2 cutting tips, 2 spreading tips, 2 pulling attachments)	5250 158.182.073
		5260 158.182.074



8



9



10a



10b



LIGHTER THAN EVER, NO COMPROMISE

The most important factor in the development of Holmatro's 5000 series spreaders was weight reduction, without compromising on product quality and performance. The result? Five ergonomically designed spreaders with an optimal performance-to weight-ratio. Four models are also available with next-generation EVO 3 battery technology for quicker deployment and ultimate freedom of movement.

COMPACT LIGHTWEIGHT SPREADER

Our 5240 CL spreader has been developed entirely on the basis of practical application. In other words: what force and what spreading distance are actually required to free a patient who is trapped inside a car? This research has resulted in an exceptionally compact and lightweight spreader, offering every capability you need when dealing with new car construction. And although this spreader was not designed to meet the international rescue tool standards it fully complies with NFPA 1936 and (except spreading distance) with EN 13204.

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

CORDLESS COMBI TOOLS



GCT 5111 EVO 3

specifications		GCT 4150 EVO 3	GCT 5111 EVO 3	GCT 5114 EVO 3	GCT 5160 EVO 3
art. no. (excl. battery)		158.052.170	158.052.163	159.000.046	158.052.224
spreading distance	in.	14.2	11.1	14.3	18.4
max. spreading force	lbf.	47,435	102,738	12,140	307,314
min. spreading force (EN 13204)	lbf.	7,868	10,791	29,450	10,004
max. cutting opening	in.	9	7.7	13.9	15.5
theoretical cutting force	lbf.	85,427	60,249	60,249	208,848
max. squeezing force	lbf.	17,085	9,892	7,644	19,761
max. pulling force	lbf.	14,358	--	--	23,605
weight, ready for use (incl battery)	lb.	44.3	30.2	31.1	51.4
round bar	in.	1.3	0.9	0.9	1.6
integrated lighting / i-Bolt		√ / √	√ / √	√ / √	√ / √

Cordless

- No pump and hose(s) needed
- Battery quickly rechargeable and replaceable



Multifunctional

- A single piece of equipment for cutting, spreading, squeezing and pulling





**WATCH THE VIDEO ON
[HOLMATRO.COM/EN/
COMBI-TOOL-5160](https://www.holmatro.com/en/combi-tool-5160)**

COMBI TOOLS



CT 5111

specifications		CT 5111	CT 5111 RH	CT 5114	CT 5114 RH
art. no.		158.012.146	158.012.147	159.000.038	159.000.043
EN 13204		BK48/281-E-8.0	BK48/281-E-7.9	BK33/362-E-8.5	BK33/362-E-8.4
NFPA 1936		A5/B5/C5/D6/E4	A5/B5/C5/D6/E4	A5/B5/C6/D6/E4	A5/B5/C5/D6/E4
spreading distance	in.	11.1	11.1	14.3	14.25
max. spreading force	lbf.	102,738	102,738	29,450	29,450
min. spreading force EN 13204	lbf.	10,791	10,791	7,419	7,419
max. cutting opening	in.	7.7	7.7	10.9	10.9
theoretical cutting force	lbf.	60,249	60,249	60,249	60,249
max. squeezing force	lbf.	9,892	9,892	6,070	7,644
round bar	in.	0.9	0.9	0.9	0.9
weight, ready for use	lb.	17.6	17.4	18.7	18.5
integrated lighting / i-Bolt/ rotating handle		√ / √ / --	-- / √ / √	√ / √ / --	-- / √ / √

Lightweight

- Easy to carry and handle, reducing physical burden

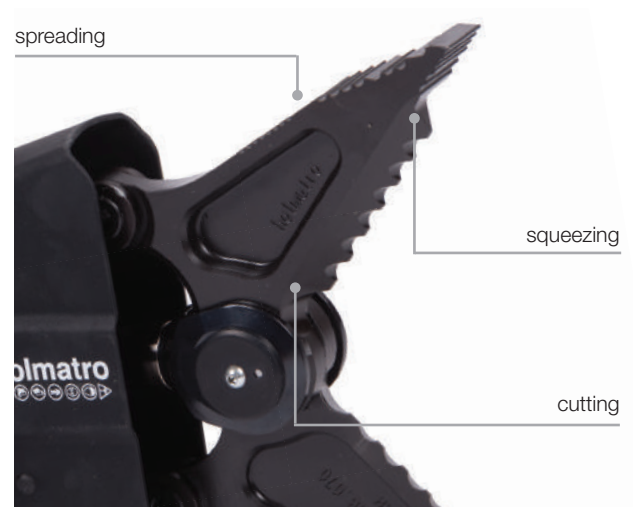
360° rotatable, flat foldable carrying handle - RH models

- 11 locking positions for use at any angle



Multifunctional

- Cutting, spreading, squeezing with one tool.



COMBI TOOLS



CT 5160

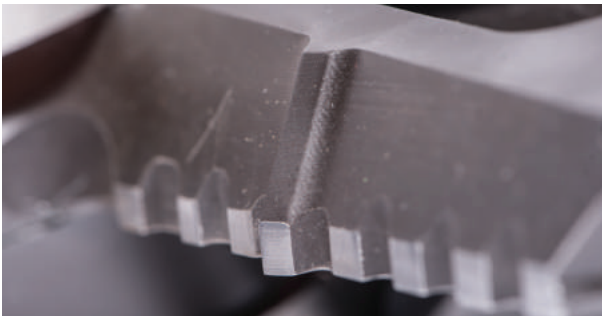
specifications		CT 4150 C	CT 5160
art. no.		158.012.062	158.012.171
EN 13204		CK35/360-H-14.2	CK45/468J-17.6
NFPA 1936		A5/B5/C4/D6/E4	A5/B5/C4/D6/E4
spreading distance	in.	14.2	18.4
max. spreading force	lbf.	47,435	307,314
min. spreading force EN 13204	lbf.	7,868	10,004
max. cutting opening	in.	9	15.5
theoretical cutting force	lbf.	85,427	208,848
max. squeezing force	lbf.	17,085	19,761
max. pulling force	lbf.	14,358	23,605
round bar	in.	1.3	1.6
weight, ready for use	lb.	31.1	38.8
integrated lighting / i-Bolt		√ / √	√ / √

Large spreading distance and cutting opening - CT 5160

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

Unique grip tooth - CT 5160

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



Removable spreading tips - CT 5160

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



HAND-OPERATED COMBI TOOLS



HCT 5111 RH

specifications		HCT 5111	HCT 5111 RH	HCT 5114	HCT 5114 RH
art. no.		158.012.153	158.012.154	159.000.056	158.000.068
EN 13204 classification		BK48/281-E-8.8	BK48/281-E-8.7	BK33/362-E-9.2	BK33/362-E-9.1
spreading	in.	11.1	11.1	14.3	14.3
max. spreading force	lbf.	102,738	102,738	29,450	29,450
min. spreading force (EN 13204)	lbf.	10,791	10,791	7,419	7,419
max. cutting opening	in.	7.7	7.7	10.9	10.9
theoretical cutting force	lbf.	60,249	60,249	60,249	60,249
max. squeezing force	lbf.	9,892	9,892	7,644	7,644
weight, ready for use	lb.	19.4	19.2	20.9	20.1
round bar	in.	0.9	0.9	0.9	0.9
integrated lighting / i-Bolt / rotating handle		√ / √ / --	-- / √ / √	√ / √ / --	-- / √ / √

Self-contained with integrated 2-stage pump

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

Pump handle foldable and rotatable

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

360° rotatable, flat foldable carrying handle

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



COMBI TOOLS - ACCESSORIES



1



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3



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required Accessories (for all EVO 3 models) art. no.

1	Battery BPA 286 (6.0 Ah)	151.000.307
---	--------------------------	-------------

accessories (for all EVO 3 models) art. no.

2	Battery charger BCH1 (220 - 240 VAC)	150.182.208
	Battery charger BCH2 (100 - 120 VAC)	150.182.209
	Battery car charger BCH3, 12-24 VDC	150.182.286
3	Mains power connector BMC1 (220 - 240 VAC)	150.182.206
	Mains power connector BMC2 (100 - 120 VAC)	150.182.207
4	Battery pouch	158.553.010
5	Carrying strap	150.553.055
6	Carrying / backpack harness (except 5160)	150.553.115

accessories for model CORE & EVO 3 art. no.

7	Carrying/storage bag	HCT 5111 RH HCT 5114 RH	150.182.227
		HCT 5111 HCT 5114 GCT 5111 GCT 5114	150.182.228
8	Pulling attachment set PAS 06	4150	158.582.004
		5160	150.182.078
9	Pulling chain set PCS 01	4150	158.582.001
		5160	150.582.261
10	Pulling attachment and chain set in case PAC 02	4150	150.582.018
11	Accessories set in case ACS 04	5160	150.182.365
12	Pulling chain set in case PCS 04	5160	150.582.020



8



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10



11



12

CORDLESS RAMS



GTR 5350 LP EVO 3

specifications		GRA 4321 EVO 3	GRA 4331 EVO 3	GTR 5340 LP EVO 3	GTR 5350 LP EVO 3
art. no. (excl. battery)		158.052.207	158.052.208	159.000.001	159.000.000
EN 13204 classification		R161/250-18.4	R161/350-19.9	TR217/150-101/125-17.6	TR217/375-101/350-24.6
NFPA 1936 compliant		√	√	√	√
spreading force over full stroke	lbf.	36,460	36,460	--	--
spreading force 1st plunger	lbf.	--	--	48,784	48,784
spreading force 2nd plunger	lbf.	--	--	22,706	22,706
spreading stroke 1st plunger	in.	--	--	5.9	14.8
spreading stroke 2nd plunger	in.	--	--	4.9	13.8
(total) spreading / pulling stroke	in.	9.8	13.8	10.8	28.5
pulling force over full stroke	lbf.	11,265	11,265	--	--
retracted / extended length	in.	23.3 / 33.2	27.2 / 41	13.2 / 24	22 / 50.6
weight, ready for use (incl battery)	lb.	40.6	43.9	38.8	54.2
integrated lighting / laser pointer		√ / --	√ / --	√ / √	√ / √

High performance

- High spreading force

Powered by lithium-ion battery technology

- Combines a long battery life with high capacity for maximum operational use
- LED indicator shows battery capacity



RAMS - TELESCOPIC



TR 5350 LP

specifications	TR 5340 LP	TR 5350 LP	TR 5370 LP
art. no.	158.032.030	158.032.031	158.032.032
EN 13204	TR217/150-101/125-9.2	TR217/375-101/350-14.6	TR231/450-111/425-16.9
NFPA 1936	√	√	√
spreading force 1st plunger	lbf. 48,784	48,784	51,931
spreading force 2nd plunger	lbf. 22,706	22,706	24,954
spreading stroke 1st plunger	in. 5.9	14.8	17.7
spreading stroke 2nd plunger	in. 4.9	13.8	16.7
(total) spreading stroke	in. 10.8	28.5	34.5
plunger type	telescopic	telescopic	telescopic
retracted/extended length	in. 13.2 / 24	22 / 50.6	25 / 59.5
weight, ready for use	lb. 20.3	32.2	37.3
speed valve / integrated lighting / laser pointer	√ / √ / √	√ / √ / √	√ / √ / √

Integrated laser pointer – patent pending

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



RAMS - SINGLE AND DOUBLE PLUNGER



RA 5332

specifications	RA 5311 CL	RA 5313 CL	RA 5315 CL	RA 5321	RA 5331	RA 5322	RA 5332
art. no.	159.000.031	159.000.032	159.000.033	159.000.092	159.000.094	159.000.091	159.000.093
EN 13204	R100/150-6.4	R100/250-7.8	R100/400-9.8	R150/250-10.7	R150/340-12.5	R150/500-15.8	R150/680-19.3
NFPA 1936	√	√	√	√	√	√	√
spreading force over full stroke	lbf. 22,481	22,481	22,481	33,721	33,721	33,721	33,721
(total) spreading stroke	in. 5.9	9.8	15.7	--	--	--	--
spreading / pulling stroke	in. --	--	--	9.8	13.4	19.7	26.8
pulling force over full stroke	lbf. --	--	--	6,295	6,295	6,295	6,295
plunger type	single	single	single	single	single	double	double
retracted/extended length	in. 12.6 / 18.5	16.3 / 26.2	22.3 / 38.1	20.3 / 30.1	24.2 / 37.6	29.5 / 49.2	37.4 / 64.2
weight, ready for use	lb. 14.1	17.2	21.6	23.6	27.6	34.8	42.5
speed valve / integrated lighting	√ / --	√ / --	√ / --	√ / √	√ / √	√ / √	√ / √

Unique Speed Valve in all rams

- for quicker tool placement



Without Speed Valve

sec.



With Speed Valve

sec.

At low pressures, the tools open up significantly quicker.



RAMS - ACCESSORIES



1



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9

required Accessories (for all EVO 3 models)		art. no.	
1	Battery BPA 286 (6.0 Ah)	151.000.307	
accessories (for all EVO 3 models)		art. no.	
2	Battery charger BCH1 (220 - 240 VAC)	150.182.208	
	Battery charger BCH2 (100 - 120 VAC)	150.182.209	
	Battery car charger BCH3, 12-24 VDC	150.182.286	
3	Mains power connector BMC1 (220 - 240 VAC)	150.182.206	
	Mains power connector BMC2 (100 - 120 VAC)	150.182.207	
4	Battery pouch	158.553.010	
accessories	for model CORE & EVO 3	art. no.	
5	Accessory kit AS 4300 A in carrying / storage box (extension pipes 165, 330 and 500 mm)	5321	150.182.269
		5331	
6	Accessory kit AS 4300 B in carrying / storage box	5321	150.182.076
		5331	
		5322	
7	Pulling Chain Set With Hooks 3/8"	5321	158.582.001
		5331	
		5322	
8	Extension pipe TRE 01 9,8 in	5340	150.182.337
		5332	
9	Extension pipe TRE 02 17,7 in	5340	150.182.336

Ram support HRS 22 (NCT) (see page 48)



TR 5340 LP with extension pipes



GREENLINE BATTERY PUMP SPU 16 BC



SPU 16 BC

specifications	SPU 16 BC
art. no. (excl. battery)	158.152.188
EN 13204 ¹⁾	STO
NFPA 1936	√
engine	electric, battery-driven: 36 VDC – 940 W
engine	3-stage axial
number of tool connections	1
capacity oil tank	oz. 57.5
weight, ready for use ²⁾	lb. 38.4
continuous operation	per battery 140 minutes during common vehicle extrications 280 minutes unloaded (idle)

¹⁾ EN 13204: STO = Single Tool Operation | ²⁾ including battery, hydraulic oil and coupler

3-stage pump technology

- Higher flow / tool speed in 2nd stage, more control when you need it in 3rd stage

Emission-free

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



ECO whisper mode

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

required accessories	art. no.
1 Battery BPA 36-1, 36 VDC, 16.2 Ah	150.007.089
2 Charger, 110-240 VAC, 50-60 Hz	150.004.904

accessories	art. no.
3 Docking station battery SPU 16 BC	150.004.623



1



2



3

All weather proof

- Suitable for use at below zero temperatures, down to -4 °F
- Suitable for use in wet weather conditions

LED lights above the coupler

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

LED battery level indicator

- Indicates battery capacity while pump is in use
- When pump is not in use, the battery capacity can be checked by pressing a button

Long running time

- 140 minutes during common vehicle extrications, even with the use of heavy-duty rescue tools
- 70 minutes continuous spread/cut tool use

MOTOR PUMPS



SPU 16 PC

specifications	SPU 16 PC	
art. no.	158.152.172	
EN 13204 ¹⁾	STO	
NFPA 1936	√	
engine	petrol: 2.1 HP - 1.6 kW	
pump type	3-stage axial	
number of tool connections	1	
capacity oil tank	oz.	57.5
weight, ready for use ²⁾	lb.	36.8

¹⁾ EN 13204: STO = Single Tool Operation, MTO = Multiple Tool Operation | ²⁾ Including hydraulic and engine oil, fuel and coupler(s)

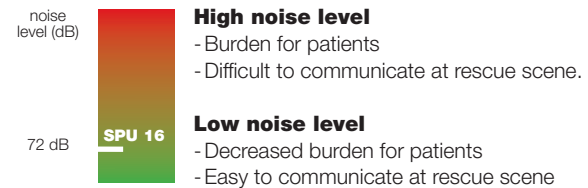
ECO-switch

- Electronic engine speed control. In ECO setting, engine speed increases automatically to maximum speed when tool is used
- When tool is not used, engine speed reverts to nominal speed
- Minimizes noise and fuel consumption



Low noise level

- According to EN ISO 11201
- More comfortable for patient and better workplace for rescuer



Extremely lightweight pumps

- Can be carried quickly and easily to even the most inaccessible accident locations



3-stage pump technology

- Higher flow / tool speed in 2nd stage, more control when you need it in 3rd stage

Lighting above coupler

- Easy identification in the dark and facilitates coupling and uncoupling of hoses

SPIDER RANGE PUMPS - SR 10



SR 10 PC 1 E

specifications	SR 10 PC 1	SR 10 PC 1 E
art. no.	158.152.175	158.152.176
EN 13204 ¹⁾	STO	STO
NFPA 1936	√	√
engine	petrol: 2.1 HP - 1.6 kW	petrol: 2.1 HP - 1.6 kW
pump type	3-stage axial	3-stage axial
number of tool connections	1	1
capacity oil tank	oz. 96	96
weight, ready for use ²⁾	lb. 32	33.5

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

Large hydraulic oil capacity

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

ECO mode - SR 10 PC 1 E

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



Hydraulic oil level indicator

- For quick and easy monitoring of oil level from the outside of the pump
- Also on SR 20 (see page 37)



Soft-grip carrying handle

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

SR 10 - accessories	Art. No.
Quick Fix & Release Bracket (see page 15) ¹⁾	150.062.188
Mounting plate pump side	150.062.189
Angled mounting plate truck side	150.062.193
LED light Spider range	590.000.343
ECO module SR 10 PC ²⁾	150.182.270
Core elbow connector	150.182.176

¹⁾ delivered with fastening material | ²⁾ to upgrade your existing SR 10 PC 1 pump to a SR 10 PC 1 E

3-stage pump technology

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

Compact and lightweight

- Ergonomic design
- Easy to carry
- Easy to store



SPIDER RANGE PUMPS - SR 20



SR 20 PC 2 E

specifications	SR 20 PC 2	SR 20 PC 2 E	SR 20 GC 1	SR 20 HC 2 R
art. no.	158.152.178	158.152.179	158.152.181	158.152.223
EN 13204 ¹⁾	MTO	MTO	STO	MTO
NFPA 1936	√	√	√	√
engine	petrol: 3.0 HP - 2.2 kW	petrol: 3.0 HP - 2.2 kW	110/120 VAC - 60 Hz - 1 Ph	230 VAC - 60 Hz - 1 Ph
pump type	2 x 3-stage axial pump	2 x 3-stage axial pump	3-stage axial pump	3-stage axial pump
number of tool connections	2	2	1	2
capacity oil tank	oz. 146.8	146.8	146.8	146.8
weight, ready for use ²⁾	lb. 50 ²⁾	51.6 ²⁾	55.1 ³⁾	72.3 ³⁾

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

3-stage pump technology

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

Large hydraulic oil capacity

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

Compact and lightweight

- Ergonomic design
- Easy to carry
- Easy to store

ECO mode - SR 20 PC 2 E

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

SR 20 - accessories	Art. No.
Quick Fix & Release Bracket ¹⁾	150.062.188
mounting plate pump side	150.062.190
angled mounting plate truck side	150.062.193
LED light Spider range	590.000.343
ECO module SR 20 PC ²⁾	150.182.271
Core elbow connector	150.182.176

¹⁾ delivered with fastening material | ²⁾ to upgrade your existing SR 20 PC 2 pump to an SR 20 PC 2 E

Quick Fix & Release Bracket (optional)*

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

* not for SR 20 GC 1 and SR 20 HC 2 R



SPIDER RANGE PUMPS - HARRISON



SR 40 ZC 2

specifications		SR 40 ZC 2	SR 40 ZC 3	SR 40 ZC 4
art. no.		158.152.230	158.152.245	158.152.246
max. working pressure	psi.	10,443	10,443	10,443
hydraulic oil type		ISO-L HV VG 15/22	ISO-L HV VG 15/22	ISO-L HV VG 15/22
engine		PTO	PTO	PTO
number of stages		3	3	3
number of tool connections		2	3	4
dimensions	in.	19.6x18.4x19.4	19.6x18.4x19.4	19.6x18.4x19.4
capacity oil tank	oz.	214.4	214.4	214.4
weight, ready for use ²⁾	lb.	67.5	90.2	92.4

i-series by Harrison

The i-series by Harrison is a line of Integrated Hydraulic Technology systems (IHT) that powers your Holmatro "SR-Series" pump with CORE tools using hydraulic motors. It can be installed on a new apparatus, as well as existing apparatus, with or without a Harrison Generator. IHT-HQ's compact size provides enhanced performance, operation and better packaging - plus the ability to drive four tools (in combination with Holmatro pump model SR 40 ZC 4). It also allows you to:

- Decrease your wheelbase & increase maneuverability of your apparatus
- Eliminate small engine maintenance issues; your IHT-HQ driven hydraulic rescue tool system will start EVERY time
- Simplify the operation of your hydraulic rescue tool system; flip the switch and go to work
- Can be installed on new apparatus as well as existing apparatus



SR 40 ZC 3

SPIDER RANGE PUMPS - SR 40/41/42



SR 40 PC 4

specifications	SR 40 PC 2	SR 40 HC 2 R	SR 40 PC 4
art. no.	158.152.183	158.152.219	158.152.232
EN 13204 ¹⁾	MTO	MTO	MTO
NFPA 1936	√	√	√
engine	gas: 5.5 HP - 4.1 kW	electric: 230 VAC - 1.8 kW - 50 Hz - 1 Ph	gas: 5.5 HP - 4.1 kW
pump type	3-stage axial pump	2 x 3-stage axial pump	4 x 3-stage axial pump
number of tool connections	2	2	4
capacity oil tank	oz. 214.4	214.4	214.4
weight, ready for use ²⁾	lb. 81.6 ²⁾	90.4 ³⁾	101 ²⁾

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

3-stage pump technology

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

Also available with electric start

- Gas pump S-models (not in table)
- Detachable operation panel (9.5"x7.5"x5.9") incl. 10 ft. cable with connector
- Including battery; automatically charges when engine runs



ECO mode on SR 40 PC 2 E(S) - not in table

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

SR 40 - accessories	Art. No.
LED light Spider range	590.000.343
ECO module SR 40 PC 2 ¹⁾	150.182.272
Core elbow connector	150.182.176

¹⁾ to upgrade your existing SR 40 PC 2 (S) pump to an SR 40 PC 2 E(S)

Other choices to meet your requirements

- Simultaneous operation of 2 or 4 tools
- Gas, diesel, electric or gas with electric start

Hydraulic Oil Level Indicator



PUMPS - HAND / FOOT / AIR



PA 18 H 2 C

specifications	Single hose ¹⁾		CORE			
	PA 04 H 2 S	PA 09 H 2 S	PA 09 H 2 C	PA 18 H 2 C	PA 18 F 2 C	HTT 1800 UC
art. no.	150.142.046	150.142.068	150.142.054	150.142.056	150.142.060	150.142.024
number of tool connections ²⁾	1	1	1	1	1	1
number of stages	2	2	2	2	2	3
operation	hand	hand	hand	hand	foot	hand
capacity oil tank	oz.	13.9	30.4	30.4	60.9	60.9
weight, ready for use ³⁾	lb.	7.7	10.6	10.6	17	18.5

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



PA 09 H 2 S



HTT 1800 UC



AHS 1400 FDUC

pump - air driven		AHS 1400 FDUC
art. no.		158.152.132
number of tool connections ¹⁾		1
max. air pressure	psi.	116
capacity oil tank	oz.	47.3
weight, ready for use ²⁾	lb.	15.4

¹⁾ EN 13204: STO = Single Tool Operation | ²⁾ including hydraulic oil and coupler

HOSES



**safety ratio all hoses
4:1 = 41771 psi**

CORE hoses 16 ft.

CORE hoses	art. no.	color	length (ft.)	weight (lb.) ¹⁾
Hose Core 4' black	158.572.159	black	4	2.5
Hose Core 4' blue	158.572.143	blue	4	2.5
Hose Core 4' green	158.572.144	green	4	2.5
Hose Core 4' orange	158.572.142	orange	4	2.5
Hose Core 6' black	158.572.160	black	6	3
Hose Core 6' blue	158.572.146	blue	6	3
Hose Core 6' green	158.572.147	green	6	3
Hose Core 6' orange	158.572.145	orange	6	3
Hose Core 8' black	158.572.161	black	8	3.5
Hose Core 8' blue	158.572.149	blue	8	3.5
Hose Core 8' green	158.572.150	green	8	3.5
Hose Core 8' orange	158.572.148	orange	8	3.5
Hose Core 10' black	158.572.162	black	10	4.5
Hose Core 10' blue	158.572.152	blue	10	4.5
Hose Core 10' green	158.572.153	green	10	4.5
Hose Core 10' orange	158.572.151	orange	10	4.5
Hose Core 12' black	158.572.163	black	12	5
Hose Core 12' blue	158.572.155	blue	12	5
Hose Core 12' green	158.572.156	green	12	5
Hose Core 12' orange	158.572.154	orange	12	5
Hose Core 16' black	158.572.131	black	16	6
Hose Core 16' blue	158.572.127	blue	16	6
Hose Core 16' green	158.572.133	green	16	6
Hose Core 16' orange	158.572.124	orange	16	6
Hose Core 32' black	158.572.130	black	32	11
Hose Core 32' blue	158.572.128	blue	32	11
Hose Core 32' green	158.572.132	green	32	11
Hose Core 32' orange	158.572.125	orange	32	11
Hose Core 50' black	158.572.164	black	50	16.5
Hose Core 50' blue	158.572.129	blue	50	16.5
Hose Core 50' green	158.572.138	green	50	16.5
Hose Core 50' orange	158.572.126	orange	50	16.5

single hoses	art. no.	color	length (in.)
Hose 16' assembly single line red	158.572.050	red	16
Hose 16' assembly single line blue	158.572.049	blue	16

¹⁾ weight with couplers and filled with oil

HOSE REELS



Double Hose Reel HR 5515 5520 OB

hose reels CORE (single)	art. no.	color	length (ft.)	dimensions (in.)	weight (lb.)	
HR 5415 O	158.072.115	Orange	50	20.7 x 9.9 x 20.5	38.1	
HR 5415 B	158.072.114	Blue	50	20.7 x 9.9 x 20.5	38.1	
HR 5420 O	158.072.116	Orange	65	20.7 x 9.9 x 20.5	42.8	
HR 5420 B	158.072.117	Blue	65	20.7 x 9.9 x 20.5	42.8	
hose reels CORE (double)	art. no.	color	length (ft.)	dimensions (in.)	weight (lb.)	
HR 5515 OO	158.072.118	Orange	2 x 50	20.7 x 19.6 x 20.5	76.5	
HR 5515 OB	158.072.119	Blue	2 x 50	20.7 x 19.6 x 20.5	76.5	
HR 5520 OO	158.072.120	Orange	2 x 65	20.7 x 19.6 x 20.5	85.5	
HR 5520 OB	158.072.121	Blue	2 x 65	20.7 x 19.6 x 20.5	85.5	
hose reels CORE (electric rewind)	art. no.	color	length (ft.)	dimensions (in.)	hose Reel version	weight (lb.)
DHR100C CORE reel LH black	158.072.053	Black	100	19 x 21.5 x 18	Left	89.3
DHR100C CORE reel LH black, polished	158.072.055	Black	100	19 x 21.5 x 18	Left	89.3
DHR100C CORE reel LH blue	158.072.044	Blue	100	19 x 21.5 x 18	Left	89.3
DHR100C CORE reel LH blue, polished	158.072.050	Blue	100	19 x 21.5 x 18	Left	89.3
DHR100C CORE reel LH green	158.072.045	Green	100	19 x 21.5 x 18	Left	89.3
DHR100C CORE reel LH green, polished	158.072.051	Green	100	19 x 21.5 x 18	Left	89.3
DHR100C CORE reel LH orange	158.072.043	Orange	100	19 x 21.5 x 18	Left	89.3
DHR100C CORE reel LH orange, polished	158.072.049	Orange	100	19 x 21.5 x 18	Left	89.3
DHR100C CORE reel RH black	158.072.052	Black	100	19 x 21.5 x 18	Right	89.3
DHR100C CORE reel RH black, polished	158.072.054	Black	100	19 x 21.5 x 18	Right	89.3
DHR100C CORE reel RH blue	158.072.036	Blue	100	19 x 21.5 x 18	Right	89.3
DHR100C CORE reel RH blue, polished	158.072.047	Blue	100	19 x 21.5 x 18	Right	89.3
DHR100C CORE reel RH green	158.072.037	Green	100	19 x 21.5 x 18	Right	89.3
DHR100C CORE reel RH green, polished	158.072.048	Green	100	19 x 21.5 x 18	Right	89.3
DHR100C CORE reel RH orange	158.072.035	Orange	100	19 x 21.5 x 18	Right	89.3
DHR100C CORE reel RH orange, polished	158.072.046	Orange	100	19 x 21.5 x 18	Right	89.3

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

Foldable handle for hose rolling on single and double hose reels

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



JACKS & WEDGES

aluminium jacks		HLJ 50 A 6	HLJ 50 A 10
art. no.		150.112.060	150.112.059
lifting capacity	lbf.	114653	114653
closed height	in.	5.9	7.7
stroke	in.	2.4	4.1
weight, ready for use	lb.	15.4	19.2



Power Wedge		PW 5624	HPW 4624
art. no.		150.062.228	158.062.007
operation		CORE	Hand
min. insertion height	in.	0.2	0.2
max. lifting height	in.	2	2
max. spreading force	lbf.	52.830	52.830
weight, ready for use	lb.	20,3	26
integrated lighting		--	√



-Creates space for spreader or high-pressure lifting bag



PW 5624



HPW 4624

toe jack		TJ 3610
art. no.		158.012.025
max. capacity on saddle	lbf.	26,527
max. capacity on toe	lbf.	22,031
lifting height / plunger stroke	in.	9,8
closed height	in.	17,6
min. insertion height toe	in.	2,2
weight, ready for use	lb.	45,2



TJ 3610



VARIOUS RESCUE TOOLS

concrete crusher		CC 23
art. no.		150.012.295
max. opening	in.	9.1
max. crushing force	lbf.	25,403
shape of tip		pointed
weight ready for use	lb.	42.1

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



CC 23



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

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

door openers		HDR 50 ST ¹⁾	HDO 100 ²⁾
art. no.		150.062.016	158.062.003
max. spreading force	lbf.	10,566	2,481
max. pushing force	lbf.	11,465	22,481
min. / max. width	in.	28,3 / 52 ³⁾	--
stroke	in.	--	5.1
weight, ready for use	lb.	32.4	14.8

¹⁾ for pump (HTT 1250 ST) and hose, ask your local dealer ²⁾ with rotating hose connection and handle, delivered in synthetic carrying / storage box; also available with 11.8 in. pigtail hose, without handle (150.062.008) ³⁾ incl. extension pieces



HDO 100



HDR 50 ST



VARIOUS RESCUE TOOLS

special materials cutter		SMC 5006
art. no.		158.012.169
blade opening	in.	1
max. cutting force	lbf.	43,501
cutting capacity ¹⁾	in.	Ø 0.787
weight, ready for use	lb.	14.3

¹⁾ steel hardness 75 HRb



SMC 5006

mini cutter HMC 8 U - single acting		Art. no.
1	Mini Cutter Set HMC8U; Cutter with fixed coupler, hand pump, 6 ft. hose in storage box	158.012.048
2	Mini Cutter Set HMC8U PA 04; Cutter with 360° rotation elbow and 30 cm pigtail hose, hand pump, 6 ft. hose in storage box	158.012.149
max. cutting force	lbf.	18,740
depth / width of jaw	in.	1.6
weight, ready for use	lb.	6.6



1



2



pipe squeezer		HPS 60 AU
art. no.		158.012.051
max. squeezing force	lbf.	33,047
max. outside ø pipe	in.	2.4
max. wall thickness pipe	in.	0.2
weight, ready for use	lb.	19



HPS 60 AU



POWERSHORE

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

model	art. no.	locking system	retracted length (in.)	stroke (in.)	weight (lb.)
HS 1 Q 5 FL	150.011.547	auto-lock	24.9	9.9	22.7
HS 1 Q 10 FL	150.011.536	auto-lock	43	9.9	28.7
HS 1 L 5+	150.011.543	locknut	22.6	9.9	20.3
HS 1 L 10+	150.011.537	locknut	40.8	9.9	26.2



HS 1 L 5+

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

AS 3 Q 5 FL	150.011.546	auto-lock	24.9	9.9	18.5
AS 3 Q 10 FL	150.011.545	auto-lock	43	9.9	24.7
AS 3 L 5+	150.011.532	locknut	22.6	9.9	16.1
AS 3 L 10+	150.011.531	locknut	40.8	9.9	22.3



AS 3 Q 5 FL

manual (mechanical) struts

MS 2 L 2 +	150.011.538	thread	9.8	5	6
MS 2 L 5 +	150.011.533	locknut	22.6	9.8	14.8



MS 2 L 2+

Auto-lock: plunger with automatic locking mechanism that locks in steps of 0.375 in. Retracting the plunger is only possible after releasing the locking mechanism.

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

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

extensions / connector

model	art. no.	extension (in.)	colour code	weight (lb.)
SX 1	150.011.501	5	white	3.3
SX 2	150.011.502	10	blue	4.2
SX 5	150.011.503	20	yellow	6.2
SX 10	150.011.504	39	green	10.8
SX 15	150.011.506	59	red	14.1
FX 1	150.011.505	-		3.1



SX 2

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

Operation hydraulic PowerShore

- Handpump, weight ready for use 19.6 lb.



PA 09 H 2 S 10

Operation pneumatic PowerShore

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



One lightweight shoring and lifting system for every rescue situation



- Vehicle extrication



- Trench rescue














- Heavy vehicle rescue



- Urban search and rescue

POWERSHORE

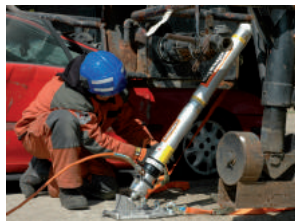
accessories					
Flat head art. no.: 150.011.509		V-block head small art. no.: 150.011.516		Adjustable hook wrench art. no.: 150.581.689	
Flat head with nailing plate art. no.: 150.011.541		V-block head large art. no.: 150.011.522		Rope with carbine hook art. no.: 150.011.548	
Tilting head Max. angle 45° art. no.: 150.182.038		Cone head art. no.: 150.011.517		Rubber anti-roll block art. no.: 150.113.057	
Tilting head with nailing plate Max. angle 45° art. no.: 150.182.048		Cross head art. no.: 150.011.523		Storage / carrying bag accessories art. no.: 150.011.005	
Beam support head 6 in., with nailing holes art. no.: 150.011.513		Pointed head art. no.: 150.011.524		Storage / carrying bag struts and extensions art. no.: 150.011.006	
Beam support head 4 in., with nailing holes art. no.: 150.011.514		Base support plate can support 3 swivel heads art. no.: 150.011.519		2-way block: to support 2 tilting heads art. no.: 150.062.074	
L-support head with nailing holes art. no.: 150.011.520		Trench support plate to support 2 swivel heads art. no.: 150.011.549		3-way swivel head art. no.: 150.062.075	
Swivel head art. no.: 150.182.046		Tensioning belt load 2,248 lbf. art. no.: 390.511.073			

Snap-lock system

- All items can be connected within seconds



Shoring at various angles possible



22.481 lbf. hydraulic lifting capacity



Lightweight

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

Reflective colour coding of extensions indicating length



See also separate PowerShore brochure and www.holmatro.com for various advisory sets



RESCUE ASSIST TOOLS

ram support		HRS 22	HRS 22 NCT
art. no.		150.181.011	150.003.105
max. load	lbf.	52.830	52.830
weight	lb.	17	32.8

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

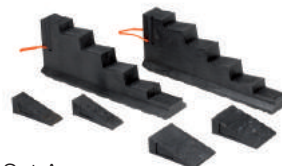


HRS 22 NCT



HRS 22

chocks & blocks			
Set A		Set B	
art. no.	158.562.004	art. no.	158.562.005
2 x Step chock		2 x Lock block low	
2 x Wedge small		2 x Lock block medium	
2 x Wedge large		2 x Lock block high	
		2 x Wedge small	
		2 x Wedge large	



Set A



Set B

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

tool station		
art. no.		150.182.044
dimensions (L x W)	in	8.2 x 6.6
weight	lb	8.2

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



protection shield		
art. no.		150.182.045
dimensions (L x W)	in.	35.4 x 19.7
weight	lb.	6.4

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



extrication gloves			
art. no.	size	art. no.	size
988.005.003	6 / XS	988.005.006	9 / L
988.005.004	7 / S	988.005.007	10 / XL
988.005.005	8 / M	988.005.008	11 / 2XL



RESCUE ASSIST TOOLS

V-Strut			
art. no.			150.062.158
max. axial load	lbf.		3,597
closed length	in.		42.5
number of stroke steps			24
stroke step size	in.		1.18
total stroke	in.		28.35
extended length	in.		70.9
weight	lb.		17.4

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



Glass-Master			
art. no.			150.182.060
weight	lb.		2.2

- Delivered including a window punch and mounting clips



airbag protection cover Secunet III			
art. no.			350.182.089
weight	lb.		1.8

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



sharp edge protection covers		SEP 5	SEP 10
art. no.		150.581.676	150.581.677
	dimensions in	contents	contents
cover with Velcro	10.2 x 11.8	2 x	4 x
blanket with magnets	23.6 x 23.6	2 x	4 x
	59 x 23.6	1 x	2 x

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



Safetypen			
art. no.			350.182.088
weight	lb.		0.1

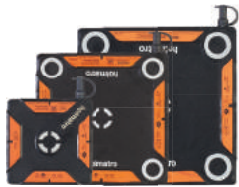
- Combination of window punch and seatbelt cutter
- Tested on 0.4 in thick car windows
- Ultra sharp cutting edge



rescue support bag	
art. no.	150.182.155
consisting of:	tyre deflator, seatbelt cutter, trim removal tools, window punch, flexible steel rule, marker pen, mini LED torch, multi-cutter, waist and thigh strap



LIFTING BAGS



HLB 2, 6, 8



HLB 11, 16, 21, 31, 38

lifting bags - max. working pressure 12 bar

model	art. no.	max. effective lifting force (lbf.)	max. inflation height (in.)	dimensions (L x W x H) (in.)	weight (lb.)
HLB 2	350.321.021	4,721	3.7	7.9 x 6.3 x 0.9	1.5
HLB 6	350.321.022	12,364	5.6	11.2 x 9.6 x 0.9	3.3
HLB 8	350.321.023	18,434	7	13.2 x 11.6 x 0.9	4.6
HLB 11	350.321.025	24,729	8.2	15.9 x 12.8 x 1	7.1
HLB 16	350.321.026	34,845	9.3	18.4 x 15.4 x 1	9.9
HLB 21	350.321.027	47,210	10.5	20.4 x 17.3 x 1	12.3
HLB 31	350.321.028	68,792	12.6	23.9 x 20.9 x 1.1	18.3
HLB 38	350.321.030	83,179	13.9	26.1 x 23 x 1.1	22
HLB 53	350.321.031	116,901	16.2	30.2 x 27.2 x 1.1	33.1
HLB 63	350.321.032	139,382	18	32.6 x 29.5 x 1.1	37.5
HLB 85	350.321.034	192,212	21.7	37.3 x 34.3 x 1.1	50.7
HLB 96	350.321.033	211,320	22.2	38.9 x 35.8 x 1.1	55.1



LIFTING BAGS



HLB 53, 63, 85, 96

air hoses

item	description	length (in.)	article number
1	Air hose AH 16 Y	16	358.570.001
2	Air hose AH 16 B	16	358.570.002
3	Air hose AH 16 R	16	358.570.003
4	Air hose AH 32 Y	32	358.570.006
5	Air hose AH 32 B	32	358.570.005
6	Air hose AH 32 R	32	358.570.004

accessories

item	description	article number
7	Control unit HDC 12	350.182.095
8	Shut-off hose SOH 12	358.570.007
9	Pressure reducer PRV 12 LP - CGA-346	358.182.000
10	Pressure reducer PRV 12 HP - CGA-347	159.000.077
11	Air control set ACS 12 LP - CGA-346	159.000.070
12	Air control set ACS 12 HP - CGA-347	159.000.037
13	Lifting eyes set (2 pieces) **	350.182.129
14	Slider pads set (3 pieces) *	151.000.180
15	Air adapter set AAS 12	151.000.223

* Standard for models HLB 11 and up

** Optional for models HLB 31 and up



11



12

LIFTING BAGS / LEAK SEALING SYSTEMS



lifting bags - max. working pressure 0.5 bar

model	art. no.	lifting capacity (a pair) lbf.	dimensions single bag (L x W) (in.)	weight (a set*) lb.	height deflated / inflated in.
LAB 2 UN	350.511.204	8,800	27.5 square	20	2.3 / 24.4
LAB 3 UN	350.511.206	13,250	33.5 square	42	2.3 / 24.4
LAB 9 UN	350.511.209	19,850	41.3 square	61	2.3 / 24.4
LAB 8 UN	350.511.216	35,300	52 square	154	2.3 / 24.4

* each set consists of

item	contents	description
1	1	Storage bag
2	2	Lifting bag (of equal capacity)
3	1	Pressure reducer
4	2	Low pressure hose
5	1	Double control unit
6	1	Repair kit



- Wear-resistant
- Non-slip
- High chemical resistance

tank sealing system

HLS 12

art. no.	350.582.061
working pressure	psi. 22

* lifting bag HLB 16 to be ordered separately, see page 50 - 51



HOLMATRO OFFICES AND DEALERS

All over the world

Thanks to our worldwide sales and service network there's always a Holmatro representative nearby, ready to assist you!

Find your nearest Holmatro representative on holmatro.com



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

DOUBLE PLUNGER RAM

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



A HISTORY OF

1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995



10,443 PSI WORKING PRESSURE

First hydraulic rescue tools operating at a pressure higher than 7,252 psi. The birth of lighter and more compact rescue equipment.

PERSONAL POWER PUMP

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



CORE TECHNOLOGY

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



INCLINED CUTTER

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



INNOVATION

1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022

NCT CUTTERS

First cutter with U-shaped NCT (New Car Technology) blades, specially designed to cut new car construction.



BATTERY TOOLS

First high-performance battery-powered rescue tools. Easy to carry and handle thanks to a low weight (< 33 lb. incl. battery).



INCLINED CUTTING

**YOU CAN COUNT ON US,
FOR LIFE**

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