

RESCUE TOOLS





YOU CAN COUNT ON US, FOR LIFE

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

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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

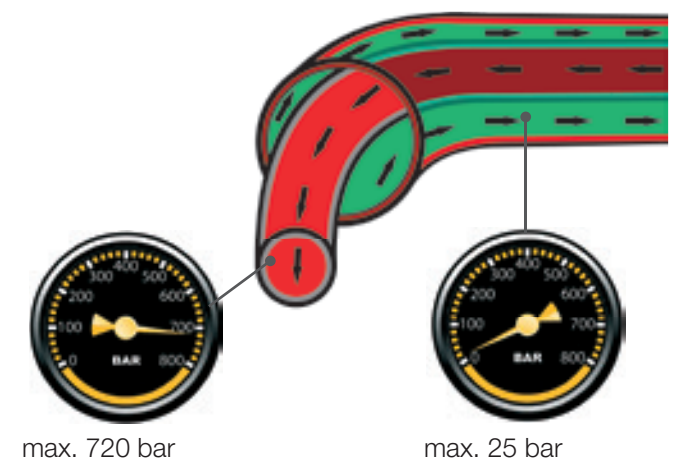


HOLMATRO CORE TECHNOLOGY HAS MADE RESCUE PROCEDURES QUICKER, EASIER AND SAFER

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.

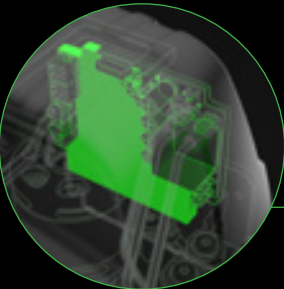
CONSTANT HIGH SPEED



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.

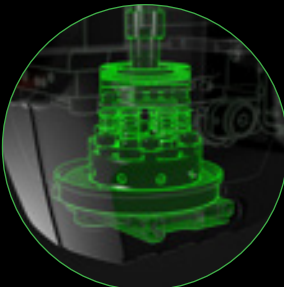
DUST & MOISTURE PROOF



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.

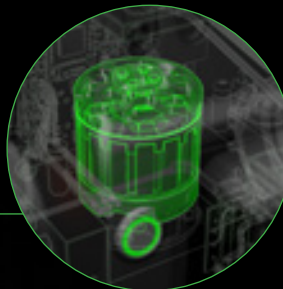
NO ENERGY LOSS



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.

WATCH THE VIDEO OR
REQUEST A DEMO ON
HOLMATRO.COM/EVO3

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**

INCLINED CUTTING

**MORE
WORKING
SPACE**

Inline control handle with 360° acces

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.

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/EVO3**

INCLINED CUTTING
THE 30° REVOLUTION

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

Improved ergonomics

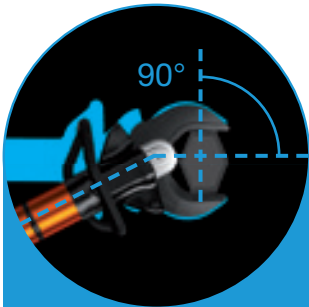


Maximized working space



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

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



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

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

No unintended leverage
When you need to cut at a low level - through the car's rocker channel, for example - the Holmatro Inclined Cutter with its tilted jaw doesn't need to be positioned close and parallel to the ground. This avoids unwanted leverage and vehicle displacement caused by the tool, which could worsen the patient's medical condition.

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

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:
300 OUT OF 720 BAR



THANKS TO SMART TOOL DESIGN

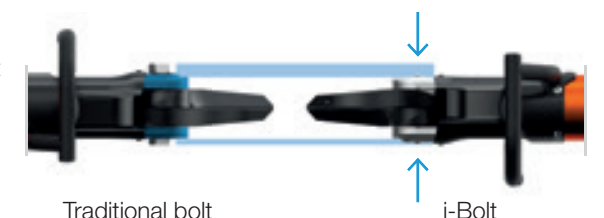
NCT blade design

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



i-Bolt

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



Optimized cutting edge

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



WATCH THE VIDEO ON
HOLMATRO.COM/EN/TEST

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)	150.052.109	150.052.111	150.052.113	150.052.115
cutter jaw	inclined	inclined	inclined	inclined
theoretical cutting force	kN/t 549 / 56	764 / 77.9	1389 / 141.6	1765 / 180
blade opening	mm 170	170	182	205
weight, ready for use (incl. battery)	kg 15.2	19	21.6	25.4
round bar	mm 31	36	41	47
integrated lighting / i-Bolt	√ / √	√ / √	√ / √	√ / √

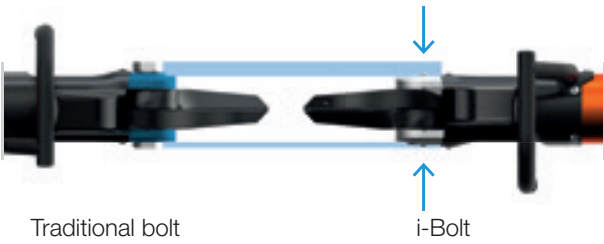
Inclined cutter jaw

- 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)	150.052.108	150.052.110	150.052.112	150.052.114
cutter jaw	straight	straight	straight	straight
theoretical cutting force	kN/t 579 / 59	794 / 81	1412 / 144	1793 / 182.8
blade opening	mm 170	170	182	205
weight, ready for use (incl. battery)	kg 15.1	18.8	21.4	25.3
round bar	mm 31	36	41	47
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

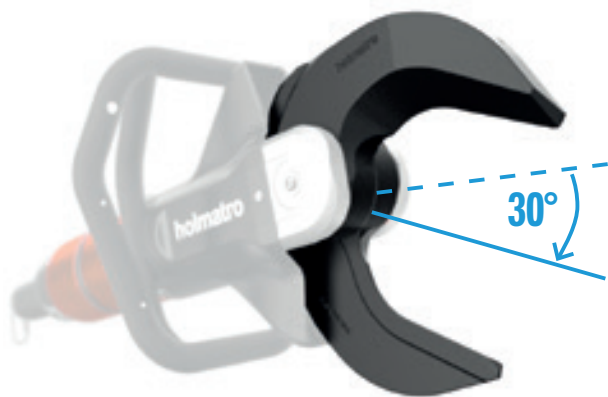


CU 5030 i CL

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

Inclined cutter jaw

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



Integrated LED lighting

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



Ergonomic carrying handle

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



NCT CUTTERS - TRADITIONAL

NCT = New Car Technology



CU 5030 CL

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

NCT blade design

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



Lighter and more ergonomic than ever

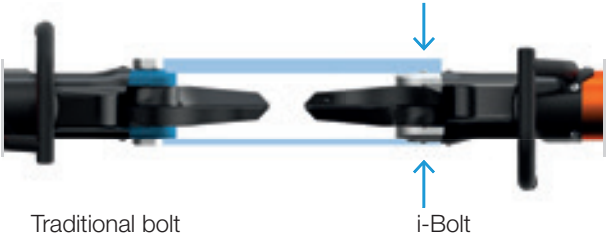
- Easy to carry and handle, reducing physical burden

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.

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.



GP CUTTERS - GENERAL PURPOSE



CU 5050 GP

specifications	CU 4007 C	CU 5040 GP	CU 5050 GP
art. no.	150.012.232	150.012.328	150.012.329
EN 13204	AC59B-3.8	CC201I-13.7	CC211J-16.5
NFPA 1936	√	√	√
blade opening	mm 59	280	301
theoretical cutting force	kN/t 220 / 22.4	794 / 81	1412 / 144
round bar	mm 20	36	41
weight, ready for use	kg 3.8	13.7	16.5
integrated lighting / i-Bolt	-- / √	√ / √	√ / √

The choice is yours

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



CU 5040 GP

CU 4007 C

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.
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	150.182.214
5	Carrying strap	150.182.249



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)		150.052.116	150.052.117	150.052.118	151.000.164
spreading distance	mm	510	725	725	822
max. spreading force	kN/t	131 / 13.4	280 / 28.6	366 / 37.3	522 / 53.2
min. spreading force (EN 13204)	kN/t	40 / 4.1	41 / 4.2	51 / 5.2	62 / 6.3
max. pulling force	kN/t	47 / 4.8	47 / 4.8	67 / 6.8	82 / 8.4
max squeezing force	kN/t	47 / 4.8	59 / 6	135 / 13.8	127 / 13
weight, ready for use (incl. battery)	kg	15.4	20.3	21.7	25.7
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.		150.012.322	150.012.323	150.012.324	150.012.325	150.012.326
EN 13204		√ ¹⁾	AS41/725-14.5	AS51/725-15.9	BS62/822-19.6	CS83/662-19.4
NFPA 1936		√	√	√	√	√
spreading distance	mm	510	725	725	822	662
max. spreading force	kN/t	131 / 13.4	280 / 28.6	366 / 37.3	522 / 53.2	463 / 47.2
min. spreading force (EN 13204)	kN/t	40 / 4.1	41 / 4.2	51 / 5.2	62 / 6.3	83 / 8.5
max. pulling force	kN/t	47 / 4.8	47 / 4.8	67 / 6.8	82 / 8.4	99 / 10.1
max. squeezing force	kN/t	47 / 4.8	59 / 6	135 / 13.8	127 / 13	159 / 16.2
weight, ready for use	kg	9.6	14.5	15.9	19.6	19.4
speed valve / integrated lighting		√ / √	√ / √	√ / √	√ / √	√ / √

¹⁾ EN 13204 compliant, except for spreading distance

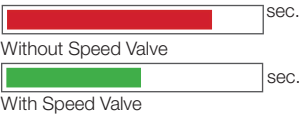
Lighter than ever, no concessions

- 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



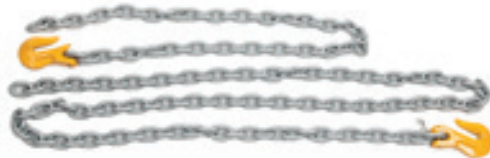
4



5



6



7



8



9



10a



10b

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		150.182.214
5	Carrying strap		150.182.249
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 5250 150.182.274
	Pulling attachment set PAS 03		5260 150.182.275
7	Pulling chain set PCS 01		5240 CL 5240 5250 150.582.152
	Pulling chain set PCS 03		5260 150.582.261
8	Pulling chain set in case PCS 02		5240 CL 5240 5250 150.582.021
	Pulling chain set in case PCS 04		5260 150.582.020
9	Cutting tip set CTS 01		5240 5250 150.006.474
	Cutting tip set CTS 02		5260 150.006.466
10a	Accessories set in case ACS 01 (2 spreading tips, 2 pulling attachments)		5240 CL 150.182.289
10b	Accessory set in case ACS 02 (2 cutting tips, 2 spreading tips, 2 pulling attachments)		5240 5250 150.182.288
	Accessory set in case ACS 03 (2 cutting tips, 2 spreading tips, 2 pulling attachments)		5260 150.182.290

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)		150.052.106	150.052.099	151.000.521	150.052.098
spreading distance	mm	360	281	362	468
max. spreading force	kN/t	211 / 21.5	457 / 46.6	131 / 13.4	1367 / 139.4
min. spreading force (EN 13204)	kN/t	35 / 3.6	48 / 4.9	33 / 3.4	44.5 / 4.5
max. cutting opening	mm	229	196	277	394
theoretical cutting force	kN/t	380 / 38.7	268 / 27.3	268 / 27.3	929 / 94.7
max. squeezing force	kN/t	76 / 7.7	44 / 4.5	34 / 3.5	87.9 / 9
max. pulling force	kN/t	51 / 5.2	--	--	105 / 10.7
weight, ready for use (incl battery)	kg	19.6	13.7	14.1	23.3
round bar	mm	32	24	24	40
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

COMBI TOOLS



CT 5111

specifications	CT 5111	CT 5111 RH	CT 5114	CT 5114 RH
art. no.	150.012.307	150.012.308	151.000.404	151.000.513
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/C5/D6/E4	A5/B5/C5/D6/E4
spreading distance	mm 281	281	362	362
max. spreading force	kN/t 457 / 46.6	457 / 46.6	131 / 13.4	131 / 13.4
min. spreading force EN 13204	kN/t 48 / 4.9	48 / 4.9	33 / 3.4	33 / 3.4
max. cutting opening	mm 196	196	277	277
theoretical cutting force	kN/t 268 / 27.3	268 / 27.3	268 / 27.3	268 / 27.3
max. squeezing force	kN/t 44 / 4.5	44 / 4.5	34 / 3.5	34 / 3.5
round bar	mm 24	24	24	24
weight, ready for use	kg 8.0	7.9	8.5	8.4
integrated lighting / i-Bolt/ rotating handle	√ / √ / --	-- / √ / √	√ / √ / --	-- / √ / √

Lightweight

- Easy to carry and handle, reducing physical burden

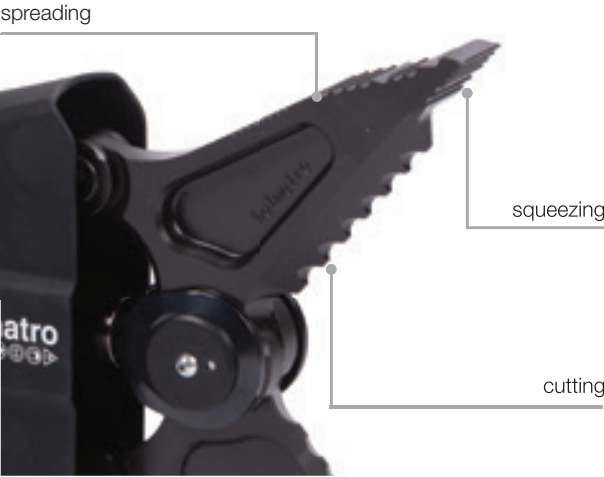
360° rotatable, flat foldable carrying handle - RH models

- 11 locking positions for use at any angle



Multifunctional

- Cutting, spreading and squeezing with one tool



COMBI TOOLS



CT 5160

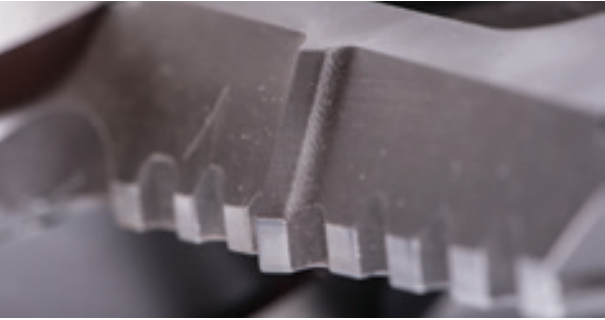
specifications	CT 4150 C	CT 5160
art. no.	150.012.099	150.012.330
EN 13204	CK35/360-H-14.2	CK45/468J-17.6
NFPA 1936	√	√
spreading distance	mm 360	468
max. spreading force	kN/t 211 / 21.5	1367 / 139.4
min. spreading force EN 13204	kN/t 35 / 3.6	44.5 / 4.5
max. cutting opening	mm 229	394
theoretical cutting force	kN/t 380 / 38.7	929 / 94.7
max. squeezing force	kN/t 76 / 7.7	87.9 / 9
max. pulling force	kN/t 51 / 5.2	105 / 10.7
round bar	mm 32	40
weight, ready for use	kg 14.2	17.6
integrated lighting / i-Bolt	√ / √	√ / √

Large spreading distance and cutting opening - CT 5160

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

Unique grip tooth - 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.	150.012.314	150.012.315	151.000.561	151.000.579
EN 13204 classification	BK48/281-E-8.8	BK48/281-E-8.7	BK33/362-E-9.2	BK33/362-E-9.1
spreading	mm 281	281	362	362
max. spreading force	kN / t 457 / 46.6	457 / 46.6	131 / 13.4	131 / 13.4
min. spreading force (EN 13204)	kN / t 48 / 4.9	48 / 4.9	33 / 3.4	33 / 3.4
max. cutting opening	mm 196	196	277	277
theoretical cutting force	kN / t 268 / 27.3	268 / 27.3	268 / 27.3	268 / 27.3
max. squeezing force	kN / t 44 / 4.5	44 / 4.5	34 / 3.5	34 / 3.5
weight, ready for use	kg 8.8	8.7	9.2	9.1
round bar	mm 24	24	24	24
integrated lighting / i-Bolt / rotating handle	√ / √ / --	-- / √ / √	√ / √ / --	-- / √ / √

Self-contained with integrated 2-stage pump

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

Pump handle foldable and rotatable

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

360° rotatable, flat foldable carrying handle

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



COMBI TOOLS - 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.	
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	150.182.214	
5	Carrying strap	150.182.249	
6	Carrying / backpack harness (except 5160)	150.553.115	
accessories		for model	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	150.582.026
	Pulling attachment set PAS 07	5160	150.182.078
9	Pulling chain set PCS 01	4150	150.582.152
	Pulling chain set PCS 03	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



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)		150.052.119	150.052.120	151.000.092	151.000.061
spreading force over full stroke	kN / t	161 / 16.4	161 / 16.4	--	--
spreading force 1st plunger	kN / t	--	--	217 / 22.1	217 / 22.1
spreading force 2nd plunger	kN / t	--	--	101 / 10.3	101 / 10.3
spreading stroke 1st plunger	mm	--	--	150	375
spreading stroke 2nd plunger	mm	--	--	125	350
(total) spreading / pulling stroke	mm	250	350	275	725
pulling force over full stroke	kN / t	50 / 5.1	50 / 5.1	--	--
retracted / extended length	mm	591 / 841	691 / 1041	335 / 610	560 / 1285
weight, ready for use (incl battery)	kg	18.4	19.9	17.6	24.6
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.		150.032.102	150.032.101	150.032.100
EN 13204		TR217/150-101/125-9.2	TR217/375-101/350-14.6	TR231/450-111/425-16.9
NFPA 1936		√	√	√
spreading force 1st plunger	kN / t	217 / 22.1	217 / 22.1	231 / 23.6
spreading force 2nd plunger	kN / t	101 / 10.3	101 / 10.3	111 / 11.3
spreading stroke 1st plunger	mm	150	375	450
spreading stroke 2nd plunger	mm	125	350	425
(total) spreading stroke	mm	275	725	875
plunger type		telescopic	telescopic	telescopic
retracted/extended length	mm	335 / 610	560 / 1285	635 / 1510
weight, ready for use	kg	9.2	14.6	16.9
speed valve / integrated lighting / laser pointer		√ / √ / √	√ / √ / √	√ / √ / √

Integrated laser pointer – patent pending

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



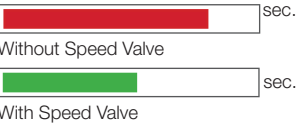
RAMS - SINGLE AND DOUBLE PLUNGER



RA 5332

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

Unique Speed Valve in all rams
- for quicker tool placement



At low pressures, the tools open up significantly quicker.



RAMS - 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.
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		150.182.214
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 5331	150.182.269
6	Accessory kit AS 4300 B in carrying / storage box	5321 5322 5331 5332	150.182.296
7	Pulling chain set in case PCS 02	5321 5331 5322 5332	150.582.021
8	Extension pipe TRE 01 250 mm	5340	150.182.337
9	Extension pipe TRE 02 450 mm	5340	150.182.336
Rim adapter set, in carrying / storage box (see page 48)			150.182.580
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)	150.152.689
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	cc 1700
weight, ready for use ²⁾	kg 17.4
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	150.004.048
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 -20° C
- 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.	150.152.671
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	cc 1700
weight, ready for use ²⁾	kg 16.7

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

ECO-switch

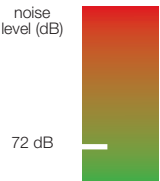
- Electronic engine speed control. In ECO setting, engine speed increases automatically to maximum speed when tool is used
- When tool is not used, engine speed reverts to nominal speed
- Minimizes noise and fuel consumption



Low noise level

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

noise level (dB)



High noise level

- Burden for patients
- Difficult to communicate at rescue scene.

Low noise level

- Decreased burden for patients
- Easy to communicate at rescue scene

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.	150.152.690	150.152.691
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	cc 2840	2840
weight, ready for use ²⁾	kg 14.5	15.2

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 DC 1	SR 20 DC 2
art. no.	151.000.856	151.000.857	150.152.699	150.152.730
EN 13204 ¹⁾	MTO	MTO	STO	MTO
NFPA 1936	√	√	√	√
engine	petrol: 3.1 HP - 2.3 kW	petrol: 3.1 HP - 2.3 kW	electric 230 VAC - 1.1 kW - 50 Hz - 1 Ph	electric: 230 VAC - 1.8 kW - 50 Hz - 1 Ph
pump type	2 x 3-stage axial pump	2 x 3-stage axial pump	3-stage axial pump	3-stage axial pump
number of tool connections	2	2	1	2
capacity oil tank	cc 4340	4340	4340	4340
weight, ready for use ²⁾	kg 22.9 ²⁾	23.6 ²⁾	24.9 ³⁾	34.0 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 DC 2



SPIDER RANGE PUMPS - SR 31/32



SR 31 DC 2

specifications	SR 31 PC 2	SR 32 PC 2	SR 31 DC 2	SR 32 DC 2
art. no.	151.000.858	151.000.860	150.152.711	150.152.713
EN 13204 ¹⁾	MTO	MTO	MTO	MTO
NFPA 1936	√	√	√	√
engine	petrol: 3.1 HP - 2.3 kW	petrol: 3.1 HP - 2.3 kW	electric: 230 VAC - 1.8 kW - 50 Hz - 1 Ph	electric: 230 VAC - 1.8 kW - 50 Hz - 1 Ph
pump type	3-stage axial	3-stage axial	2 x 3-stage axial pump	2 x 3-stage axial pump
number of tool connections	2	2	2	2
length of hoses m	2 x 15	2 x 20	2 x 15	2 x 20
capacity oil tank cc	4340	4340	4340	4340
weight, ready for use ²⁾ kg	62.2 ²⁾	67.1 ²⁾	70.2 ³⁾	75.1 ³⁾

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

Large hydraulic oil capacity

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

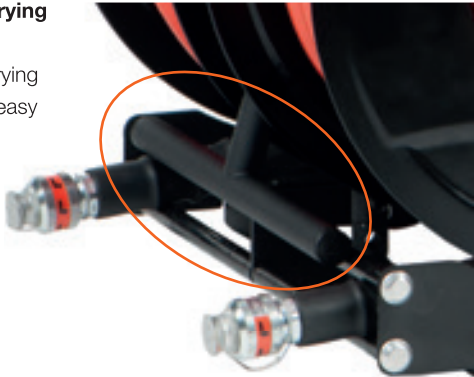
Foldable wheels set (optional)

- On W-models (not in table)
- For fast and easy transportation



Foldable carrying handles

- For easy carrying
- Foldable for easy storage



Foldable handle for hose winding

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



Hydraulic oil level indicator

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

SPIDER RANGE PUMPS - SR 40/41/42



SR 40 PC 4

specifications	SR 40 PC 2	SR 40 DC 2	SR 40 YC 2	SR 40 PC 4	SR 40 EC 4
art. no.	150.152.715	150.152.724	150.152.737	150.152.755	150.152.756
EN 13204 ¹⁾	MTO	MTO	MTO	MTO	MTO
NFPA 1936	√	√	√	√	√
engine	petrol: 5.5 HP - 4.1 kW	electric: 230 VAC - 1.8 kW - 50 Hz - 1 Ph	diesel: 4.2 HP - 3.1 kW	petrol: 5.5 HP - 4.1 kW	electric: 400 VAC - 4 kW - 50 Hz - 3 Ph
pump type	3-stage axial pump	2 x 3-stage axial pump	2 x 3-stage axial pump	4 x 3-stage axial pump	4 x 3-stage axial pump
number of tool connections	2	2	2	4	4
capacity oil tank cc	6340	6340	6340	6340	6340
weight, ready for use ²⁾ kg	37.3 ²⁾	41.0 ³⁾	47.0 ²⁾	45.8 ²⁾	54.6 ³⁾

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

- Petrol pump S-models (not in table)
- Detachable operation panel (240 x 190 x 150 mm) incl. 3m. 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)

Also available with hose reels - not in table

- 15 m (41 models) or 20 m (42 models) hoses, only on petrol / electric pumps with 2 connections
- With foldable handle for hose winding: saves valuable storage space in your rescue truck



Other choices to meet your requirements

- Simultaneous operation of 2 or 4 tools
- Petrol, diesel, electric or petrol with electric start

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 cc	410	900	900	1800	1800	1800
weight, ready for use ³⁾ kg	3.5	4.8	4.8	7.7	8.4	17.2

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

pump - air driven		AHS 1400 FDUC
art. no.		150.152.584
number of tool connections ¹⁾		1
max. air pressure bar		8
capacity oil tank cc		1400
weight, ready for use ²⁾ kg		6.9

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



AHS 1400 FDUC

HOSES



safety ratio all hoses
4:1 = 2880 bar

CORE hoses 5 m.

CORE hoses	art. no.	color	length (m.)	weight (kg.) ¹⁾
C 05 OU	150.570.042	orange	5	2.5
C 05 BU	150.570.045	blue	5	2.5
C 05 GU	150.570.057	green	5	2.5
C 05 ZU	150.570.060	black	5	2.5
C 10 OU	150.570.043	orange	10	4.7
C 10 BU	150.570.046	blue	10	4.7
C 10 GU	150.570.058	green	10	4.7
C 10 ZU	150.570.061	black	10	4.7
C 15 OU	150.570.044	orange	15	6.9
C 15 BU	150.570.047	blue	15	6.9
C 15 GU	150.570.059	green	15	6.9
C 15 ZU	150.570.062	black	15	6.9
C 20 OU	150.570.095	orange	20	9.1
C 20 BU	150.570.096	blue	20	9.1
C 20 GU	150.570.146	green	20	9.1
C 20 ZU	150.570.225	black	20	9.1
CORE connection hoses	art. no.	color	length (m.)	weight (kg.) ¹⁾
C 1.5 OU	150.570.049	orange	1.5	1
C 1.5 BU	150.570.050	blue	1.5	1
C 02 OU	150.570.123	orange	2	1.2
C 02 BU	150.570.124	blue	2	1.2
C 03 OU	150.570.125	orange	3	1.6
C 03 BU	150.570.126	blue	3	1.6
single hoses	art. no.	color	length (m.)	weight (kg.) ¹⁾
B 1 SOU	150.570.063	orange	1	1.0
B 2 SOU	150.572.035	orange	2	1.3
B 3 SOU	150.572.033	orange	3	1.6
B 3 SGU	150.572.034	green	3	1.6
B 5 SOU	150.572.058	orange	5	2.3
B 5 SGU	150.572.059	green	5	2.3

¹⁾ weight with couplers and filled with oil

HOSE REELS



HR 5420 O

HR 5520 OB

hose reels CORE (single)	art. no.	color	length (m.)	dimensions (mm)	weight (kg.)	
HR 5415 O	150.072.176		15	526 x 251 x 521	17.3	
HR 5415 B	150.072.177		15	526 x 251 x 521	17.3	
HR 5420 O	150.072.178		20	526 x 251 x 521	19.4	
HR 5420 B	150.072.179		20	526 x 251 x 521	19.4	
hose reels CORE (double)	art. no.	color	length (m.)	dimensions (mm)	weight (kg.)	
HR 5515 OO	150.072.180		2 x 15	526 x 497 x 521	34.7	
HR 5515 OB	150.072.181		2 x 15	526 x 497 x 521	34.7	
HR 5520 OO	150.072.182		2 x 20	526 x 497 x 521	38.8	
HR 5520 OB	150.072.183		2 x 20	526 x 497 x 521	38.8	
hose reels CORE (electric rewind)	art. no.	color	length (m.)	dimensions (mm)	hose reel version	weight (kg.)
HR 4425 ACLO	150.072.067		25	483 x 546 x 457	Left	38.0
HR 4425 ACRB	150.072.072		25	483 x 546 x 457	Right	38.0
HR 4430 ACLO	150.072.059		30	483 x 546 x 457	Left	40.5
HR 4430 ACRB	150.072.064		30	483 x 546 x 457	Right	40.5

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



HR 4425 ACLO

JACKS & WEDGES

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



Power Wedge	PW 5624	HPW 4624
art. no.	150.062.228	150.062.132
operation	CORE	Hand
min. insertion height	mm	6
max. lifting height	mm	51
max. spreading force	kN / t	235 / 24
weight, ready for use	kg	9.2
integrated lighting	--	√



HPW 4624



-Creates space for spreader or high-pressure lifting bag



PW 5624

toe jack	TJ 3610
art. no.	150.012.049
max. capacity on saddle	kN / t
max. capacity on toe	kN / t
lifting height / plunger stroke	mm
closed height	mm
min. insertion height toe	mm
weight, ready for use	kg



TJ 3610

multi purpose cylinder set	HRK 10 M
art. no.	150.062.216
weight, ready for use	kg

-Multi Purpose cylinder set with attachments, for pushing, lifting and spreading.



HRK 10 M

VARIOUS RESCUE TOOLS

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

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



CC 23



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



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

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



HPS 60 AU



cable cutters		steel cable			electric cable	
		HWC 16 R	HWC 25 R	HWC 32 R	HCC 85 R	HCC 100 R
art. no.		150.012.266	150.012.267	150.012.268	150.012.269	150.012.270
capacity	kN / t	52 / 5.3	146 / 14.9	249 / 25.4	49 / 5	87 / 8.9
max. jaw opening	mm	20	50	32	85	100
capacity steel cable 6 x 19	Ø mm	20	30	32	-	-
capacity solid steel	Ø mm	13	19	25	-	-
capacity ground cable	Ø mm	18	50	32	50	75
capacity telephone cable	Ø mm	-	-	-	85	100
weight, ready for use	kg	2.0	8.4	8.9	6.8	12.7



HWC 16 R



HWC 32 R



HCC 85 R

VARIOUS RESCUE TOOLS

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

¹⁾ steel hardness 75 HRb



SMC 5006

mini cutter HMC 8 U - single acting		Art. no.
1	With fixed coupler	150.012.025
2	With 30 cm pigtail hose; in synthetic case	150.012.026
3	360° rotation elbow and 30 cm pigtail hose; in synthetic case	150.012.027
4	With 360° rotation elbow and handpump PA 04 H 2 S mounted with 2m. hose; in synthetic case	150.142.070
max. cutting force	kN / t	79 / 8.1
depth / width of jaw	mm	40 / 40
weight, ready for use	kg	3.0



door openers		HDR 50 ST ¹⁾	HDO 100 ²⁾
art. no.		150.062.016	150.062.007
max. spreading force	kN / t	47 / 4.8	--
max. pushing force	kN / t	51 / 5.2	100 / 10.2
min. / max. width	mm	720 / 1320	-- / --
stroke	mm	--	130
weight, ready for use	kg	14.7	6.7

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 30 cm pigtail hose, without handle (150.062.008)



HDR 50 ST



HDO 100



POWERSHORE

struts with hydraulic cylinder - 100 kN / 10.1 t					
model	art. no.	locking system	retracted length mm	stroke mm	weight kg
HS 1 Q 5 FL	150.011.547	auto-lock	632	252	10.3
HS 1 Q 10 FL	150.011.536	auto-lock	1092	252	13.0
HS 1 L 5+	150.011.543	locknut	575	252	9.2
HS 1 L 10+	150.011.537	locknut	1035	252	11.9
struts with pneumatic cylinder - 4 kN / 0.4 t					
AS 3 Q 5 FL	150.011.546	auto-lock	632	252	8.4
AS 3 Q 10 FL	150.011.545	auto-lock	1092	252	11.2
AS 3 L 5+	150.011.532	locknut	575	252	7.3
AS 3 L 10+	150.011.531	locknut	1035	252	10.1
manual (mechanical) struts					
MS 2 L 2 +	150.011.538	thread	250	127	2,7
MS 2 L 5 +	150.011.533	locknut	575	250	6.7

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

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

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

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

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

Operation hydraulic PowerShore

- Handpump, weight ready for use 8.9 kg



PA 09 H 2 S 10

Operation pneumatic PowerShore

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



One lightweight shoring and lifting system for every rescue situation



-Vehicle extrication



-Trench rescue



-Heavy vehicle rescue



-Urban search and rescue

POWERSHORE

accessories					
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 150 mm, 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 100 mm, 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 10 kN art. no.: 390.511.073			

Snap-lock system

-All items can be connected within seconds



Shoring at various angles possible



Reflective colour coding of extensions indicating length



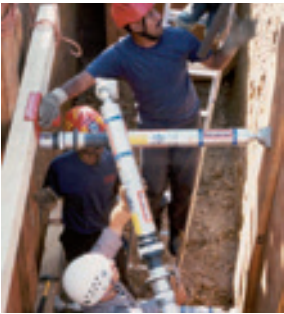
See also separate PowerShore brochure and www.holmatro.com for various advisory sets

10.1 t hydraulic lifting capacity



Lightweight

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



RESCUE ASSIST TOOLS

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

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

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

- Can be used with rams RA 4321-22 C / RA 4331-32 C
- Rescuer does not have to move under the vehicle
- Can also be used to push away the steering column of a truck

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

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

tool stations			
art. no.		150.182.043	150.182.044
dimensions (L x W)	cm	200 x 150	250 x 200
weight	kg	2.3	3.7

- 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)	mm	900 x 500
weight	kg	2.9

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

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



HRS 22 NCT

HRS 22



Set A

Set B



RESCUE ASSIST TOOLS

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

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

Glass-Master		
art. no.		150.182.060
weight	kg	1.0

- Delivered including a window punch and mounting clips

airbag protection cover Secunet III		
art. no.		350.182.089
weight	gr	800

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

sharp edge protection covers			SEP 5	SEP 10
art. no.			150.581.676	150.581.677
	dimensions cm	weight kg	contents	contents
cover with Velcro	26 x 30	0.18	2 x	4 x
blanket with magnets	60 x 60	0.52	2 x	4 x
	150 x 60	1.20	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	g	65

- Combination of window punch and seatbelt cutter
- Tested on 10 mm 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 kN/t	max. inflation height mm	dimensions (L x W x H) mm	weight kg
HLB 2	350.321.021	21 / 2.1	94	200 x 160 x 22	0.7
HLB 6	350.321.022	55 / 5.6	141	285 x 245 x 22	1.6
HLB 8	350.321.023	82 / 8.4	179	335 x 295 x 22	2.1
HLB 11	350.321.025	110 / 11.2	207	403 x 325 x 25	3.2
HLB 16	350.321.026	155 / 15.8	236	467 x 390 x 25	4.5
HLB 21	350.321.027	210 / 21.4	266	517 x 440 x 25	5.6
HLB 31	350.321.028	306 / 31.2	321	608 x 530 x 27	8.6
HLB 38	350.321.030	370 / 37.7	352	662 x 585 x 27	10
HLB 53	350.321.031	520 / 53	411	767 x 690 x 27	15
HLB 63	350.321.032	620 / 63.2	456	827 x 750 x 27	17
HLB 85	350.321.034	855/87.2	550	948 x 870 x 27	23
HLB 96	350.321.033	940 / 95.9	565	987 x 910 x 27	25



LIFTING BAGS



HLB 53, 63, 85, 96

air hoses			
item	description	length	article number
1	Air hose AH 5 Y	5 m	350.570.022
2	Air hose AH 5 B	5 m	350.570.023
3	Air hose AH 5 O	5 m	350.570.030
4	Air hose AH 10 Y	10 m	350.570.027
5	Air hose AH 10 B	10 m	350.570.026
6	Air hose AH 10 O	10 m	350.570.031

accessories		
item	description	article number
7	Control unit HDC 12	350.182.095
8	Pressure reducer PRV 12	350.182.100
9	Air control set ACS 12	350.182.125
10	Shut-off hose SOH 12	350.182.096
11	Air bottle 300 bar	350.581.096
12	Connection piece	350.582.430
13	Lifting eyes set (2 pieces) **	350.182.129
14	Air adapter set AAS 12	151.000.223
15	Slider pads set (3 pieces) *	151.000.180

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



LIFTING BAGS / LEAK SEALING SYSTEMS



lifting bags - max. working pressure 0.5 bar					
model	art. no.	lifting capacity (a pair) t	dimensions single bag (L x W) mm	weight (a set*) kg	height deflated / inflated mm
LAB 4 UN	350.512.204	3.6	600 x 600	27.0	60 / 620
LAB 6 UN	350.512.206	5.8	750 x 750	34.0	60 / 620
LAB 9 UN	350.512.209	8.2	900 x 900	41.0	60 / 620
LAB 16 UN	350.512.216	14.6	1200 x 1200	65.0	60 / 620

* 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



leak sealing system		HVSP 250 U
art. no.		360.302.011
working pressure	bar	6
dimensions sealing pad (L x W)	mm	600 x 390
dim. sealing compartment (L x W)	mm	250 x 50
weight ready for use	kg	5.3



tank sealing system		HLS 12
art. no.		350.582.061
working pressure	bar	1.5

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



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PLUNGER RAM**

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



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point in rescue tool technology,
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safer, quicker and easier.



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CUTTER**

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



INCLINED CUTTING

A HISTORY OF INNOVATION

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



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The birth of lighter and more compact
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rescue pump enabling one man to
carry a full set of tool, pump and
hoses on his own.



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



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