

# SPECIAL TACTICS EQUIPMENT



## Holmatro Special Tactics line

Holmatro offers a wide range of Special Tactics equipment for use by SWAT teams, other police units and Special Operations Forces. The range includes hydraulic breaching, cutting, spreading and lifting equipment for a wide variety of operations. Important features are low visibility, quiet operation, quick and easy use, high forces and optimal portability.

This catalog gives you an overview of our complete Special Tactics line. Please note that you can always find the latest, up-to-date product information on our website [www.holmatro.com](http://www.holmatro.com).

If you have any further questions about Holmatro Special Tactics equipment, please send an email to [tactical@holmatro.com](mailto:tactical@holmatro.com).

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# DOOR BLASTER - HDB 90 ST



HDB 90 ST

specifications Door Blaster	HDB 90 ST	
article number		150.006.850
min. length incl. grip heads	mm	760
max. length excl. extension pieces	mm	930
max. length incl. extension pieces	mm	1230
max. spreading force	kN/t	51 / 5.2
max. pushing force	kN/t	38 / 3.9
pushing stroke	mm	200
weight ready for use	kg	10.8
dimensions (L x W x H)	mm	760 x 300 x 85
temperature range		-20°C - + 55°C

## Door Blaster HDB 90 ST

To be used in combination with one of the Door Blaster Packs.



HDB P 240 ST (WO)

specifications Door Blaster Pack	HDB P 240 ST	HDB P 240 ST WO
article number	150.182.313	151.000.748
weight ready for use	kg	13.1
dimensions (L x W x H)	mm	490 x 320 x 140
temperature range		-20°C - + 55°C
compatible with Wireless Control Set	--	√

## Door Blaster Pack HDB P 240 ST (WO)

Drive unit for the Door Blaster . Available in 2 versions:

- HDB P 240 ST: with mounted hose set incl. remote control
- HDB P 240 ST WO: with mounted hose set incl. remote control and compatible with Wireless Control Set WCS01

specifications	HAB 01 ST	
article number		350.182.092
capacity	l	2
max. pressure	bar / MPa	200 / 20

\* meets bullet test according to EN 12245



Air Bottle HAB 01 ST

# WIRELESS CONTROL SET



WCS01

specifications Wireless Control Set	WCS01	
article number		151.000.851
radio range (clear line of sight)	m	100
battery type		12V SLA (5Ah)
weight ready for use	kg	3.5
dimensions (L x W x H)	mm	350 x 140 x 160
temperature range		-15°C - +50°C

## Wireless Control Set WCS01

Required accessory for Door Blaster Pack HDB P 240 ST WO.

To operate the Door Blaster from a larger distance.

Radio range: 100 m. clear line of sight.



specifications charger	BCH11	
article number		151.001.297
mains voltage		220 -240 VAC

## Charger BCH11

Required accessory for Door Blaster Pack HDB P 240 ST WO.

To charge the battery of the receiver in the Wireless Control Set.



BCH11

# DOOR BLASTER - HDB 90 ST

## Powerful

- Suitable for use on high-resistance, multiple lock, inward opening doors.

## Extremely fast & quiet operation

- As fast as explosives without flying debris.  
 - Opens a door in seconds.  
 - Pneumatic-hydraulic drive: no sound from the pump.

## Repetitive use possible

- No interruption of your operation.

## Lightweight with compact dimensions

- Carrying, installation and operation by one person; saves manpower.  
 - Limits risk of making noise by knocking into things.

## Equipped with remote control

- To activate door opener from a distance.  
 - To quickly release door opener from a distance.  
 - Easy: pushing a button is all it takes.



## Pump, air bottle and converter in practical backpack

- Easy carrying by one person.  
 - With PALS webbing to hold additional equipment (e.g. extra air bottle).  
 - Quick-release clasps for immediate release of backpack.



## Push button on door opener for clamping

- Quick and easy installation.



# ACCESSORIES - DOOR BLASTER HDB 90 ST



included accessories Door Blaster HDB 90 ST		Art. No.
1	Round pushing plate DBP 12	151.000.041
2	Rectangular pushing plate DBP 14	151.000.040
3	Extension piece DBE 03, for 50 mm extension	151.000.649
4	Extension piece DBE 01, for 100 mm extension	151.000.039
5	Extension piece DBE 02, for 200 mm extension	151.000.038
6	Grip head DBH 24, for UPVC doors only	151.000.658 (2x)
7	Grip head DBH 21, square with coarse profile	150.006.574 (2x)
8	Grip head DBH 23, with extra long tooth	150.182.321 (2x)
9	Carrying/storage bag DBC 01	150.182.329



# DOOR OPENER - HDR 50 ST



HDR 50 ST

specifications door opener		HDR 50 ST	
article number		150.062.016	
		spreading cylinder	pushing cylinder
max. working pressure	bar/MPa	720 / 72	
hydraulic system		single acting	
equipped with (connector type)		single hose	
capacity	kN/t	47 / 4.8	51 / 5.2
plunger return		spring	gravity
min. length incl. grip heads	mm	720	-
max. mechanical extension (in 4 equal steps)	mm	200	-
spreading stroke	mm	125	-
max. length excl. extension piece	mm	1045	-
max. length incl. extension piece	mm	1320	-
pushing stroke	mm	-	300
weight, ready for use	kg	14.7	
required oil content (effective)	cc	295	
temperature range		-20°C - + 55°C	

### Standard supplied with:

- round pushing plate DRP 12
- grip head DRH 21, set of 2
- extension piece DRE 01, 275 mm
- synthetic carrying / storage case: dimensions (L x W x H) 802 x 522 x 317 mm
- adjustable carrying strap

### Low visibility

### Quiet operation with hand pump

### High spreading and pushing forces

### Low ready for use weight

### Adaptable to every door width

- Spreading cylinder manually extendible in 4 positions over 200 mm
- Hydraulically extendible with another 125 mm
- Can also be used with extension piece of 275 mm

### Quick installation and operation



# DOOR OPENER - HDR 50 ST - ACCESSORIES



HTT 1250 ST

specifications hand pump		HTT 1250 ST	
article number		150.142.010	
max. working pressure	bar/MPa	720 / 72	
hydraulic system		single acting	
equipped with (connector type)		single hose	
number of stages		3	
output 1st stage (0-60 bar)	cc/stroke	28	
output 2nd stage (60-260 bar)	cc/stroke	7.6	
output 3rd stage (260-720 bar)	cc/stroke	3.1	
capacity oil tank (effective)	cc	1250	
weight, ready for use	kg	18.4	
dimensions (L x W x H)	mm	736 x 260 x 230	
temperature range		-20°C - + 55°C	

### Standard supplied with:

- selector handle for alternatively operating of pushing and spreading cylinders on door opener HDR 50 ST
- pressure gauge
- oil level gauge
- adjustable angle of pump handle for use while standing or squatting



specifications bundles hoses		H 04 Z ST		H 10 Z ST	
article number		150.570.040		150.570.041	
max. working pressure	bar/MPa	720 / 72		720 / 72	
length	m	4		10	
weight, ready for use	kg	3.6		7.2	
temperature range		-20°C - + 55°C		-20°C - + 55°C	
hydraulic safety ratio		4 : 1		4 : 1	

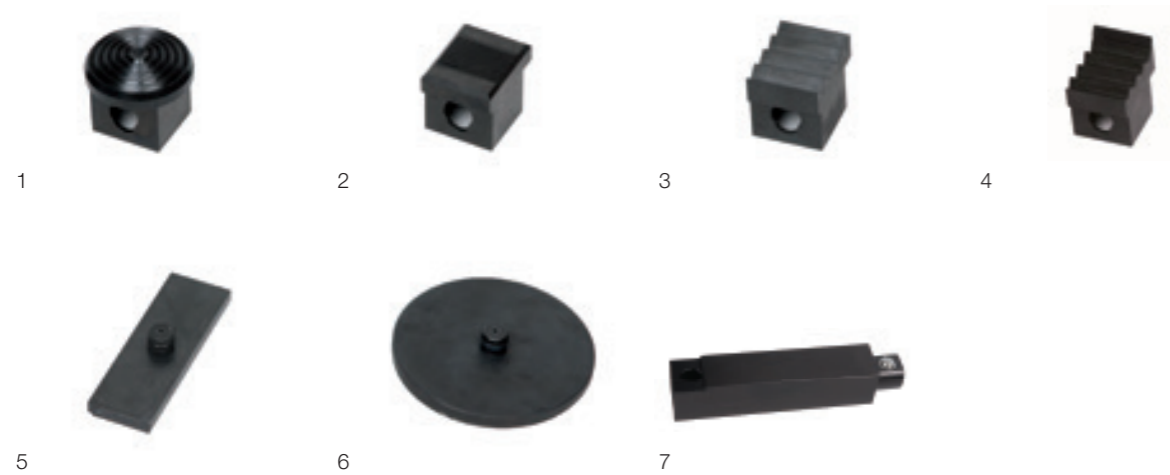
### Standard supplied with:

- flat face couplers
- bend restrictors on both sides



H 04 Z ST

# DOOR OPENER - HDR 50 ST - ACCESSORIES



accessories door opener		included	optional	Art. no.
1	Grip head DRH 12, round with fine profile		√	150.000.262 2x
2	Grip head DRH 11, square with fine profile		√	150.000.261 2x
3	Grip head DRH 21, square with coarse profile	√		150.000.254 2x
4	Grip head DRH 23, square with coarse profile and extra-long tooth		√	150.000.259 2x
5	Rectangular pushing plate DRP 14, 50 x 150 mm		√	150.063.032
6	Round pushing plate DRP 12, ø 148 mm	√		150.006.592
7	Extension piece DRE 01, 275 mm	√		150.063.031

specifications	carrying / storage case	
article number	150.003.382	
dimensions (L x W x H)	mm	802 x 522 x 317
weight	kg	13.3



**For HDR 50 ST with all standard and additionally available accessories. Room for:**

- 1 door opener HDR 50 ST
- 1 round pushing plate
- 1 rectangular pushing plate
- 1 extension piece
- 2 general grip heads
- 2 round grip heads
- 2 corrugated grip heads
- 1 adjustable carrying strap
- 1 user manual

**Features & benefits: see page 25**

## DOOR OPENER HDR 50 ST

This tool is a flexible solution for door breaching. You can adapt it to every door width by means of manual extension of the spreading cylinder. This in addition to its regular hydraulic spreading stroke. What's more, various accessories with quick-lock connection are available for optimal grip on different types of door frames.

The HDR 50 ST is designed for use on inward opening doors with multiple locks. The tool is driven by a hydraulic hand pump. To switch between operation of the spreading cylinder and the pushing cylinder, you simply pull over a handle on the pump.



**WATCH THE VIDEO ON  
HOLMATRO.COM/EN/  
HDR50ST**

# DOOR OPENER - HDO 100 ST



HDO 100 ST

specifications door opener	HDO 100 ST	
article number	150.062.128	
max. working pressure	bar/Mpa	720 / 72
hydraulic system	single acting	
equipped with (connector type)	single hose	
max. spreading force	kN/t	100 / 10.2
retracted length	mm	300
stroke	mm	130
extended length	mm	430
weight, ready for use	kg	6.7
dimensions (L x W x H) excl. hose and carrying handle	mm	300 x 120 x 98
required oil content (effective)	cc	207
temperature range	-20°C - + 55°C	

## Door opener HDO 100 ST

Designed for use on inward opening doors with single locking devices, e.g. inside hotels or apartment buildings. Also suitable for outward opening doors with single locking devices, when used in combination with a manual breaching tool.

### Low visibility

### Quiet operation with hand pump

### High spreading force

### Extremely compact and lightweight

### Quick & easy installation and operation

### Standard supplied with:

- 360° rotating swivel + 40 cm pigtail hose
- 360° rotatable carrying handle



# DOOR OPENER - HDO 100 ST - ACCESSORIES

specifications hand pump	PA 04 H 2 S ST	
article number	150.142.061	
max. working pressure	bar/Mpa	720 / 72
hydraulic system	single acting	
equipped with (connector type)	single hose	
number of stages	2	
output 1st stage (0 - 45 bar)	cc/stroke	18.4
output 2nd stage (45 - 720 bar)	cc/stroke	1.4
capacity oil tank (effective)	cc	410
weight, ready for use	kg	3.7
dimensions (L x W x H)	mm	479 x 135 x 165
temperature range	-20°C - + 55°C	



PA 04 H 2 S ST

specifications single hoses	B 02 ST	B 05 ST	B 10 ST
article number	150.570.029	150.570.188	150.570.189
max. working pressure	bar/Mpa	720 / 72	720 / 72
length	m	2	5
weight, ready for use	kg	1.2	2.1
temperature range	-20°C - + 55°C	-20°C - + 55°C	-20°C - + 55°C
hydraulic safety ratio	4 : 1	4 : 1	4 : 1



B 10 ST

### Standard supplied with:

- flat face couplers
- bend restrictors on both sides

specifications	carrying / storage case	
article number	150.006.034	
dimensions (L x W x H)	mm	622 x 492 x 310
weight	kg	11.1



### For complete set of HDO 100 ST with hand pump and 5 or 10 m. hose. Room for:

- 1 door opener HDO 100 ST
- 1 pump PA 04 H 2 S ST
- 1 hose B 05 ST (5m) or
- 1 hose B 10 ST (10m)
- 1 pressure relief tool
- 1 user manual

### Features & benefits: see page 25

# DOOR RAM - (G)DR200ST(EV03)

specifications door ram	DR200ST	
art. no.	151.001.346	
max. working pressure	bar/Mpa	720 / 72
equipped with (connector type)	CORE	
spreading force over full stroke	kN / t	71 / 7.2
retracted length	mm	590
extended length	mm	890
spreading stroke	mm	300
weight, ready for use	kg	7.6
dimensions (L x W x H)	mm	112 x 590 x 160
required oil content	cc	265
temperature range	-20 + 55 °C	



DR200ST

specifications door ram	GDR200STEVO3	
art. no.	151.001.491	
operator type	battery	
max. working pressure	bar/Mpa	720 / 72
spreading force over full stroke	kN / t	71 / 7.2
retracted length	mm	728
extended length	mm	1.028
stroke	mm	300
weight excl. battery	kg	12.4
weight, ready for use	kg	13.4
dimensions (LxWxH)	mm	193 x 728 x 277
temperature range	-20 + 55 °C	



GDR200STEVO3

required accessories GDR200STEVO3		art. no.
1	Battery BPA 286 (6.0 Ah)	151.000.307
accessories GDR200STEVO3		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	150.182.214
5	Carrying / backpack harness	150.553.115
6	Carrying / storage bag	150.182.228



4



5



6

# BACKPACK PUMP



Backpack Pump GBP10EVO3



C 1.5 ST (for specifications see page 25)

specifications backpack pump	GBP10EVO3	
art. no. (excl. battery)	151.001.496	
max. working pressure	bar/Mpa	720 / 72
equipped with (connector type)	CORE	
number of tool connections	1	
number of stages	2	
first stage output / min.	cc	2200
second stage output / min.	cc	250
capacity oil tank	cc	635
capacity oil tank (effective)	cc	425
weight excl. battery	kg	6.5
weight, ready for use <sup>1)</sup>	kg	7.5
dimensions (LxWxH)	mm	380 x 240 x 120
temperature range	-20 + 55 °C	

<sup>1)</sup> including battery, hydraulic oil and coupler

required accessories backpack pump		art. no.
1	Battery BPA 286 (6.0 Ah)	151.000.307
accessories backpack pump		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	Battery pouch	150.182.214
4	Mains power connector BMC1 (220 - 240 VAC)	150.182.206
	Mains power connector BMC2 (100 - 120 VAC)	150.182.207

### Emission-free

- Ideal for powering hydraulic equipment in confined and/or underground spaces

### Safe to use in harsh environments

- Thanks to IP 54 rating: Protection against dust and splashing of water



More information in brochure  
Lightweight Breaching Set



1



2

3



4



# PENTHEON COMBI TOOLS



PCT14ST

specifications	PCT11ST	PCT14ST	PCT17ST
art. no. (excl. battery)	151.001.575	151.001.576	151.001.572
spreading distance	mm 281	362	431
max. spreading force	kN/t 1350 / 137.7	1350 / 137.7	1350 / 137.7
min. spreading force (EN 13204)	kN/t 48 / 4.9	33 / 3.4	28 / 2.9
max. cutting opening	mm 196	277	352
theoretical cutting force	kN/t 268 / 27.3	268 / 27.3	268 / 27.3
max. squeezing force	kN/t 44 / 4.5	34 / 3.5	27 / 2.8
max. pulling force	kN/t --	--	30 / 3.1
weight, ready for use (incl. battery)	kg 13.8	14.2	14.4
round bar	mm 24	24	24
integrated lighting / i-Bolt	√ / √	√ / √	√ / √

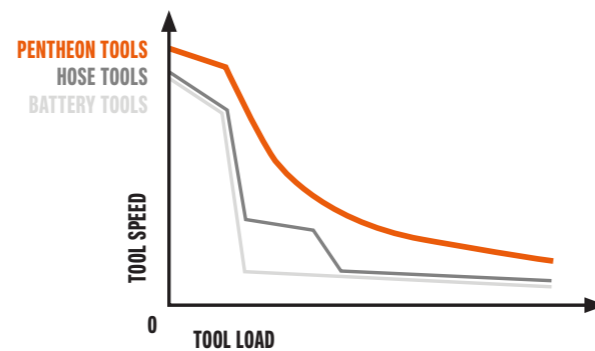
Pentheon - Batteries, chargers and cables (see page 23)

### Compact, lightweight and well-balanced

- Easy to carry, handle, transport and store
- Ideal for use in confined spaces

### Unparalleled speed & ultimate control

- Fastest combi tools on the market, thanks to stepless speed maximization. With two-mode control handle for superior speed control.



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

# PENTHEON COMBI TOOLS



PCT50ST

specifications	PCT50ST
art. no. (excl. battery)	151.001.455
spreading distance	mm 380
max. spreading force	kN/t 1860 / 189.7
min. spreading force (EN 13204)	kN/t 43 / 4.4
max. cutting opening	mm 320
theoretical cutting force	kN/t 670 / 68.3
max. squeezing force	kN/t 87 / 8.9
max. pulling force	kN/t 104 / 10.6
weight, ready for use (incl. battery)	kg 20.3
round bar	mm 36
integrated lighting / i-Bolt	√ / √

Pentheon - Batteries, chargers and cables (see page 23)

### Extended working time thanks to:

- A purpose-built battery with increased capacity
- The energy efficiency of our patented mechatronic drive technology.
- An Auto Start/Stop function.

### Minimum sound level

- If the tool is switched on, the engine will only start running when the control handle is activated/turned. When the control handle is released, the engine and sound stop immediately, but the tool is still stand-by and ready for action.

### Removable tips (model PCT50ST)

- The tips can be easily removed by hand. To cut material without crushing it.



### Grip tooth / teeth at the inside of each combi tool blade (model PCT50ST)

- These prevent the material from being pushed out during cutting.



# COMBI TOOLS - CORE



CT 5111 ST

specifications combi tools		CT 5111 ST	CT 5114 ST	CT 5117 ST
article number		150.012.309	151.000.518	150.012.313
max. working pressure	bar/Mpa	720 / 72	720 / 72	720 / 72
hydraulic system		double acting	double acting	double acting
equipped with (connector type)		CORE	CORE	CORE
spreading distance	mm	281	362	431
max. spreading force	kN/t	1350 / 137.7	1350 / 137.7	1350 / 137.7
max. cutting opening	mm	196	277	352
theoretical cutting force	kN/t	268 / 27.3	268 / 27.3	268 / 27.3
round bar	mm	24	24	24
max. squeezing force	kN/t	44 / 4.5	34 / 3.5	27 / 2.8
pulling distance	mm	--	--	426
max. pulling force	kN/t	--	--	30 / 3.1
weight, ready for use	kg	7.9	8.4	8.6
dimensions (L x W x H)	mm	540 x 217 x 115	596 x 217 x 115	637 x 217 x 115
required oil content (effective)	cc	55	55	55
temperature range		-20° C - +55° C	-20° C - +55° C	-20° C - +55° C

### Standard supplied with:

- i-Bolt technology \*
- 360° rotatable & fold flat carrying handle

\* Flat central bolt construction squeezing the blades together directly to minimize blade separation and maximize cutting performance



# COMBI TOOLS - CORE

### Extremely compact and ultra-lightweight

- Easy to add to your existing kit
- Easy to carry, transport and store
- Carrying handle 90° foldable for extra compactness

### 360° rotatable aluminum carrying handle

- Continuous swivel with 11 locking positions
- For use of the tool in almost any position

### Optimal performance to weight ratio

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

### Low visibility

**Quiet operation with hand pump** (see page 25)

**Quick operation with backpack pump** (see page 15)

### Multifunctional

- Suitable for cutting, spreading, squeezing and pulling (pulling only 5117 model)
- Suitable for dive operations/under water use
- Suitable for a variety of applications, ranging from forcible entry to extrication of persons trapped



**More information in brochure  
Lightweight Breaching Set**

# HAND-OPERATED COMBI TOOLS



HCT 5117 ST

specifications hand combi tools		HCT 5111 ST	HCT 5114 ST	HCT 5117 ST
article number		150.012.316	151.000.580	150.012.319
max. working pressure	bar/Mpa	720 / 72	720 / 72	720 / 72
spreading distance	mm	281	362	431
max. spreading force	kN/t	1350 / 137.7	1350 / 137.7	1350 / 137.7
max. cutting opening	mm	196	277	352
theoretical cutting force	kN/t	268 / 27.3	268 / 27.3	268 / 27.3
round bar	mm	24	24	24
max. squeezing force	kN/t	44 / 4.5	34 / 3.5	27 / 2.8
pulling distance	mm	--	--	426
max. pulling force	kN/t	--	--	30 / 3.1
weight, ready for use	kg	8.7	9.1	9.4
dimensions (L x W x H)	mm	529 x 215 x 145	583 x 218 x 145	628 x 220 x 145
temperature range		-20° C - +55° C	-20° C - +55° C	-20° C - +55° C

## Standard supplied with:

- i-Bolt technology \*
- 360° rotatable pump handle
- 360° rotatable carrying handle
- fold flat pump and carrying handles

\* Flat central bolt construction squeezing the blades together directly to minimize blade separation and maximize cutting performance



# HAND-OPERATED COMBI TOOLS

## Extremely compact and ultra-lightweight

- Easy to add to your existing kit
- Easy to carry, transport and store
- Carrying handle and pump handle 90° foldable for extra compactness

## Optimal performance to weight ratio

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

## Multifunctional

- Suitable for cutting, spreading, squeezing and pulling (pulling only 5117 model)
- Suitable for dive operations/under water use
- Suitable for a variety of applications, ranging from forcible entry to extrication of persons trapped

## Integrated 2-stage hand pump

- Quiet operation
- Self-contained for optimal freedom of movement
- Rapid deployment
- Easy operation: simply fold out the pump handle and start pumping



## 360° rotatable carbon fiber pump handle

- Can be locked in 22 positions
- For use of the tool in almost any position

## 360° rotatable aluminum carrying handle

- Continuous swivel with 11 locking positions
- For use of the tool in almost any position

## Low visibility

## Non-slip selection ring

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



# COMBI TOOLS - ACCESSORIES



accessories	for Pentheon model	for CORE model	for hand-operated model	art. no.
1	Pulling attachment set PAS 07	PCT50ST		150.182.078
	Pulling attachment set PAS 04	PCT17ST	CT 5117 ST	HCT 5117 ST 150.182.241
2	Pulling chain set PCS 03	PCT50ST		150.582.261
	Pulling chain set PCS 05	PCT17ST	CT 5117 ST	HCT 5117 ST 150.582.548
3	Accessory set in case ACS 04	PCT50ST		150.182.365
4	Pulling chain set in case PCS 04	PCT50ST		150.582.020
5	Spreading tip set STS 04	PCT50ST		150.052.098
6	Carrying/storage bag		HCT 5111 ST HCT 5114 ST HCT 5117 ST	150.182.227
7	Carrying / backpack harness		CT 5111 ST CT 5114 ST CT 5117 ST	HCT 5111 ST HCT 5114 ST HCT 5117 ST 150.553.115
8	Carrying strap		HCT 5111 ST HCT 5114 ST HCT 5117 ST	150.582.506
9*	Hand pump PA 09 H 2 C ST		CT 5111 ST CT 5114 ST CT 5117 ST	150.142.074
10*	CORE hose C 03 ST			150.570.207
	CORE hose C 05 ST		CT 5111 ST CT 5114 ST CT 5117 ST	150.570.186
	CORE hose C 10 ST			150.570.187

\* for specifications see page 25.



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# PENTHEON - BATTERIES, CHARGERS AND CABLES



required accessories	art. no.
1 Battery PBPA287 (7.0 Ah)	151.000.583
<b>accessories</b>	
Battery Charger PBCH1 (AC-EU)	151.000.629
Battery Charger PBCH2 (AC-US)	151.000.742
Battery Charger PBCH3 (DC)	151.000.632
Battery Charger PBCH4 (AC-JP)	151.000.630
Battery Charger PBCH5 (AC-UK)	151.000.631
Battery Charger PBCH6 (AC-KR)	151.001.209
Battery Charger PBCH7 (AC-CN)	151.001.518
Battery Charger PBCH8 (AC-IN)	151.001.519
3 Tool Diagnostic Cord PTDC1	151.000.508
4 Battery Diagnostic Tool PBBDT1	151.000.509
5 On-Tool Charging Cord POTC1	151.000.499
6 Daisy Chain Power Cord DCPC1	151.000.503



# SPECIAL MATERIALS CUTTER



SMC 5006 ST

specifications Special Materials Cutter	SMC 5006 ST
article number	150.012.321
max. working pressure	bar/MPa 720 / 72
hydraulic system	double acting
equipped with (connector type)	CORE
blade opening	mm 25
max. cutting force	kN/t 193 / 19.7
weight, ready for use	kg 6.5
dimensions (L x W x H)	mm 361 x 123 x 235
required oil content	cc 10
temperature range	-20°C - + 55°C

**Standard supplied with:**

- Adjustable, rotatable carrying handle

**Special Materials Cutter SMC 5006 ST**

Specially designed to cut solid materials of high hardness, such as padlocks and chains.

**Low visibility**

**Quiet operation with hand pump**

**Designed to cut solid materials of high hardness, such as padlocks and chains**

- Regular cutters cannot cut these materials (or only while suffering severe blade damage)

**Replaceable, easy to change blades**

**Extremely compact and lightweight**

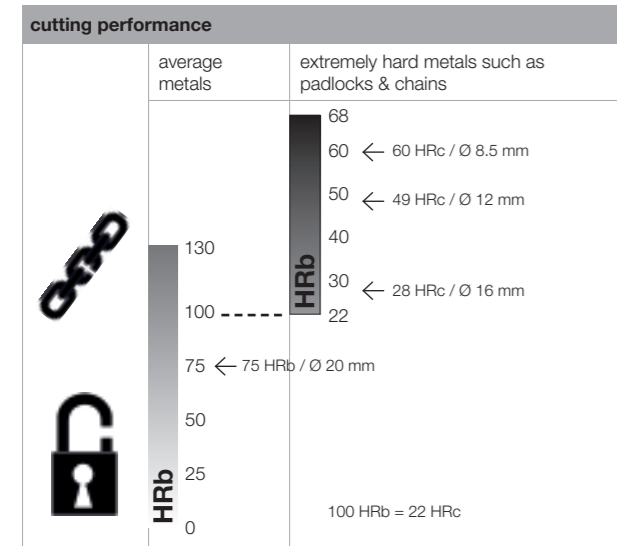
- Easy to carry and handle

**Adjustable, rotatable carrying handle**

- Simplifies cutting at various angles

**Quick and easy to use**

- Connect tool to pump with hose
- One man pumps, another man operates the tool



# SPECIAL MATERIALS CUTTER - ACCESSORIES

specifications hand pump	PA 09 H 2 C ST
article number	150.142.074
max. working pressure	bar/MPa 720 / 72
hydraulic system	double acting
equipped with (connector type)	CORE
number of stages	2
output 1st stage (0-45 bar)	cc/stroke 21.8
output 2nd stage (45-720 bar)	cc/stroke 2.1
capacity oil tank (effective)	cc 900
weight, ready for use	kg 4.8
dimensions (L x W x H)	mm 664 x 135 x 170
temperature range	-20°C - + 55°C



PA 09 H 2 C ST

specifications CORE hoses	C 1.5 ST	C 03 ST	C 05 ST	C 10 ST
article number	151.001.611	150.570.207	150.570.186	150.570.187
max. working pressure	bar/MPa 720 / 72	720 / 72	720 / 72	720 / 72
length	m 1.5	3	5	10
weight, ready for use	kg 1	1.6	2.5	4.7
temperature range	-20°C - + 55°C	-20°C - + 55°C	-20°C - + 55°C	-20°C - + 55°C
hydraulic safety ratio	4 : 1	4 : 1	4 : 1	4 : 1

**Standard supplied with:**

- hose binder
- flat face couplers
- bend restrictors on both sides



C 03 ST

specifications	carrying / storage case
article number	150.003.379
dimensions (L x W x H)	mm 500 x 386 x 196
weight	kg 4.2

**For SMC 5006 ST with spare blades. Room for:**

- cutter SMC 5006 ST
- 1 spare blade set (art.no. 150.014.019)
- 1 Allen key 4mm
- user manual



**High quality brand: SKB**

**Made of ultra high-strength, lightweight polypropylene**

**IP67 dust and water resistant**

**Protective foam on the inside**

**Equipped with 2 wheels and extendible "soft touch" pulling handle for easy moving**

**Stackable**

**Effortless opening and closing**

**Automatic ambient pressure equalization valve (for transportation by plane)**

# POWER WEDGE



PW 5624 ST

specifications Power Wedge		PW 5624 ST	HPW 4624 ST
article number		150.062.229	150.062.136
max. working pressure	bar/MPa	720 / 72	720 / 72
hydraulic system		double acting	--
equipped with (connector type)		CORE	--
min. insertion height	mm	6	6
max. lifting height	mm	51	51
spreading force	kN/t	235 / 24	235 / 24
wedge angle		15°	15°
weight, ready for use	kg	9,1	11.8
dimensions (L x W x H)	mm	643 x 225 x 188	713 x 270 x 197
temperature range		-20°C - + 55°C	-20°C - + 55°C
required oil content	cc	122	--



HPW 4624 ST

## (Hand-operated) Power Wedge

For creation of an initial opening in narrow gaps.

## Low visibility

## Combination of extremely small insertion height and high spreading force

- Ideal for space creation in narrow gaps, e.g. to enable sneak & peek operations

## Can also create an opening for use of other tools

- If you need more space, you can follow up with door opener HDO 100 ST, door ram (G)DR200ST(EVO3) or any combi tool

## Quick and easy to use

- PW model: Connect tool to pump with hose. One person operates the pump, another man operates the tool.  
- HPW model: Simply unfold the handle and start pumping.

## Quiet operation with separate or integrated hand pump

**Quick operation with backpack pump (only PW model)**  
See page 15

## Compact and lightweight (HPW model)

- Easy to add to your existing kit  
- Easy to carry, transport and store  
- Pump handle 90° foldable for extra compactness

## Integrated 2-stage hand pump (HPW model)

- Quiet operation  
- Self-contained for optimal freedom of movement  
- Rapid deployment  
- Easy operation: simply unfold the pump handle and start pumping

## 180° rotatable pump handle (HPW model)

- For operation of the tool in the most convenient position

# POWER WEDGE - ACCESSORIES



accessories Power Wedge		PW 5624 ST	HPW 4624 ST
1	Carrying harness	--	150.553.115
2	Carrying strap	--	150.582.506
3	Robust carrying / storage case *	150.003.375	150.003.375
4	CORE hose C 03 ST **	150.570.207	--
	CORE hose C 05 ST **	150.570.186	--
	CORE hose C 10 ST **	150.570.187	--
5	CORE hand pump PA 09 H 2 C ST **	150.142.074	--

\* specifications see below, features/benefits on page 25

\*\* specifications see page 25

specifications		carrying / storage case
article number		150.003.375
dimensions (L x W x H)	mm	801 x 522 x 318
weight	kg	13.7

## For PW 5624 ST. Room for:

- wedge PW 5624 ST  
- teflon spray 400 ml  
- user manual

## For HPW 4624 ST. Room for:

- wedge HPW 4624 ST  
- teflon spray 400 ml  
- user manual

**More information in brochure  
Lightweight Breaching Set**



# SHARP EDGE PROTECTION BLANKET - SEP 2.5 ST



SEP 2.5 ST

specifications blanket	SEP 2.5 ST	
article number	350.182.075	
weight	kg	3.5
dimensions	mm	2500 x 1000
material	100% woven polyester outside, acryl felt inside	
color	dark grey	
standard	supplied in black polyester bag (weight: 1 kg)	

## Sharp Edge Protection Blanket SEP 2.5 ST

To cover sharp edges like glass fragments or razor wire during tactical operations.

### Lightweight

- Easy to carry and use

### Quick

- Rapidly deployable: simply unfold the blanket and cover the sharp edges
- Saves time: no need to remove sharp edges first

### Foldable

- Easy to take with you, easy to add to your existing kit
- Blanket can be used two-folded for extra protection

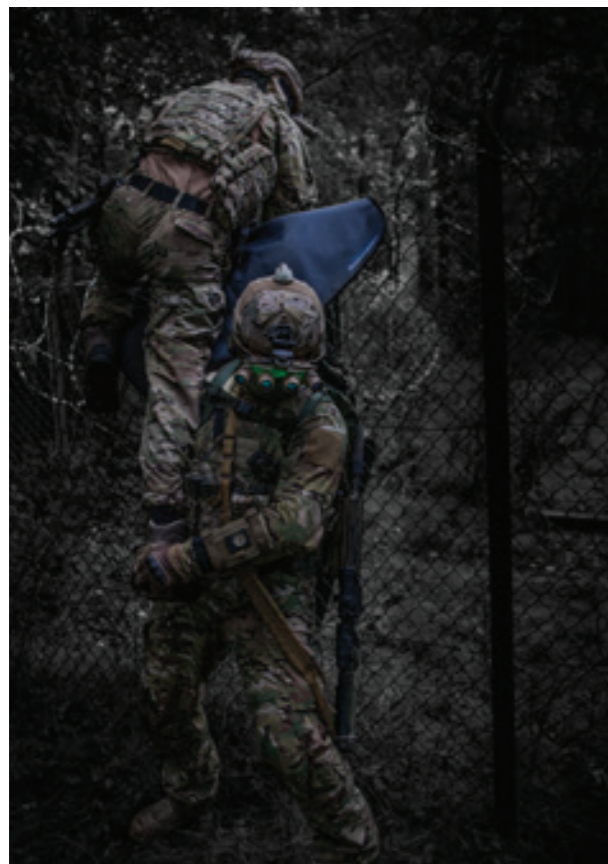
### Low visibility

- Suitable for use during tactical operations

### Water repellent and fire retardant

### Easy to take with you in accompanying carrying bag

- With adjustable strap for easy carrying on your shoulder or back
- For easy storage
- Can be opened quietly by means of the clips or very quick using its Velcro fastening
- Upside-down design ensures easy release of the blanket when opening the bag



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# LIGHTWEIGHT BREACHING SET

Check the separate brochure for more information





# BREAKING BARRIERS

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