

Holmatro

Special Tactics equipment





Holmatro Special Tactics line

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

About Holmatro

Holmatro has a long experience in developing hydraulic rescue tools for fire and rescue organisations. Throughout the years this has also attracted other user groups looking for specialised hydraulic equipment, such as police, army and navy. Based on their input and requirements we have designed our new line of Special Tactics equipment.

Holmatro is a Dutch manufacturer of high-pressure hydraulic equipment for specialist user groups all over the world. We operate from 3 different business units: Rescue equipment, Industrial equipment and Marine equipment. Our products are known for their high quality and innovative character. Offices in various countries and an extensive dealer network look after the worldwide sales and service of these products.





Door opener

HDO 100 ST

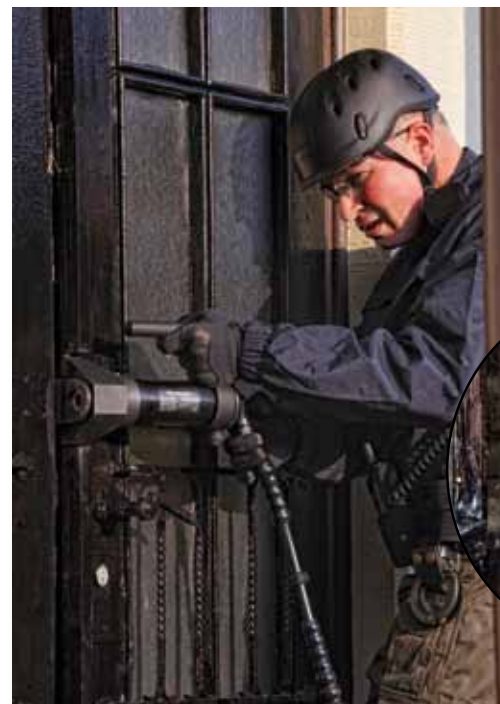


Designed for use on inward opening doors with single locking devices, e.g. inside hotels or apartment buildings.

Features / Benefits (specifications see page 16)



- Low visibility
- Silent operation with hand pump
- High pushing force
- Extremely compact and lightweight
- Quick and easy installation and operation



Also suitable for outward opening doors with single locking devices, when used in combination with a manual breaching tool.



Door opener

HDR 50 ST



Designed for use on inward opening doors with multiple locking devices. Consists of a spreading cylinder to fix the door opener between the doorposts and a pushing cylinder to push the door open.



Various accessories with quick-lock connection system are available for optimal grip on different types of door frames.

Features / Benefits (specifications see pages 17 - 18)



- Low visibility
- Silent operation with hand pump
- High spreading and pushing forces
- Low ready for use weight
- Adaptable to every door width
 - spreading jack 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



To switch between operation of the spreading cylinder and pushing cylinder you simply pull over a handle on the hand pump.





Spreading open a roof hatch and cutting the barred window (see page 8) with a Holmatro battery-operated combi tool.

Battery-operated cutter and combi tool

BCT 4120 ST



BCU 4010 GP ST



Features / Benefits (specifications see page 19) ↓

- Low visibility
- High cutting & spreading forces
- For ultimate mobility and freedom of movement
 - cordless, no external power source needed
 - low weight including battery
 - can be carried in a backpack harness
- Quick and easy operation
 - press start button for immediate use
 - battery can be changed in a matter of seconds: click-on / click-off system
- 24-V DEWALT® battery technology
 - battery rechargeable to 100% in less than 1 hour, to 60% in 30 minutes
- The choice is yours:
 - BCU 4010 GP ST for dedicated cutting
 - BCT 4120 ST combines cutting and spreading





Easy to carry in backpack harness (the same applies to battery-operated tools).

Hand-operated cutter and combi tool

HCT 4120 ST



HCU 4010 GP ST



Features / Benefits (specifications see page 20)

- Low visibility
- Silent operation
- High cutting and spreading forces
- For ultimate mobility and freedom of movement
 - tool and pump in one, no external power source needed
 - extremely low weight
 - can be carried in a backpack harness
- Quick and easy operation
 - immediately ready for use
 - simply fold out pump handle and start pumping
- Pump handle foldable and 180° rotatable
 - easy transportation and carrying
 - can be used in any position
- The choice is yours:
 - HCU 4010 GP ST for dedicated cutting
 - HCT 4120 ST combines cutting and spreading



Special Materials Cutter

SMC 4006 C ST



Mini cutter specially designed to cut solid materials of high hardness, such as padlocks and chains.



Cutting loose an activist with Holmatro's Special Materials Cutter (see also page 12).



Quick and silent access to a fenced-off area.

Features / Benefits (specifications see pages 21 - 22)

- Low visibility
- Silent 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
- Adjustable, rotating 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



Power Wedges

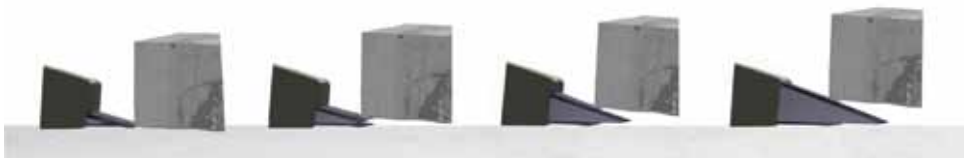


Pump handle foldable and 180° rotatable. For easy transportation / carrying and use in any position.

PW 4624 C ST
Power Wedge operated
by hand pump



These tools are specially designed to create an initial opening in narrow gaps. Thanks to silent operation ideal for tactical (sneak & peek) operations.



Features / Benefits (specifications see page 22 - 23)

- Low visibility
- Silent operation with (integrated) hand pump
- Combination of extremely small insertion height and high spreading force - ideal for space creation in narrow gaps
- Can create an opening of 51 mm - to create a larger opening, you can follow up with door opener HDO 100 ST or combi tool HCT 4120 ST
- Quick and easy to use



Easy to carry in backpack harness (HPW 4624 ST).



Other equipment, such as a combi tool, can follow up to create a larger opening.



Tool and pump in one offering ultimate mobility (HPW 4624 ST).



HDO 100 ST



HTW 320 ST



B 10 ST

Door opener HDO 100 ST

specifications		HDO 100 ST
article number		150.062.128
max. working pressure	bar/MPa	720 / 72
hydraulic system		single hose / single acting
spreading force	kN / t	100 / 10.2
retracted length	mm	300
stroke	mm	130
max. 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	cc	207
temperature range		-20°C - + 55°C
standard with		360° rotating swivel + 40 cm pigtail hose
		360° rotatable carrying handle
		RFID tag

Hand pump HTW 320 ST

specifications		HTW 320 ST
article number		150.142.040
max. working pressure	bar/MPa	720 / 72
hydraulic system		single hose / single acting
pump type		2-stage
output 1st stage (0-14 bar)		3.62 cc/stroke
output 2nd stage (14-720 bar)		0.90 cc/stroke
capacity oil tank	cc	500
weight, ready for use	kg	2.2
dimensions (L x W x H)	mm	392 x 95 x 144
temperature range		-20°C - + 55°C
standard with		RFID tag

Single hoses B 05/10 ST

specifications		B 05 ST	B 10 ST
article number		150.570.188	150.570.189
max. working pressure	bar/MPa	720 / 72	
length	m	5	10
weight, ready for use	kg	2.1	3.6
temperature range		-20°C - + 55°C	
standard with		flat face couplers	
		bend restrictors on both sides	
		RFID tag	
safety factor		4 : 1 (2880 bar)	

Accessories HDO 100 ST
Robust carrying / storage case

	art. nr.	150.003.380
	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 HTW 320 ST - 1 hose B 05 ST (5m) or - 1 hose B 10 ST (10m) - 1 pressure relief tool - user manual	
Dimensions (L x W x H): 651 x 495 x 307 mm Weight: 10.6 kg		
Features/benefits: see page 18		



HDR 50 ST


Door opener HDR 50 ST

specifications		HDR 50 ST	
article number		150.062.016	
		spreading jack	pushing jack
max. working pressure	bar/MPa	720 / 72	720 / 72
capacity	kN / t	47 / 4.8	51 / 5.2
return of plunger		spring return	gravity return
hydraulic system		2 x single hose / single acting	
min. length incl. grip heads	mm	720	--
mechanically extendible in 4 steps of 50 mm	mm	50 / 100 / 150 / 200	--
stroke spreading cylinder	mm	125	--
max. length excl. extension piece	mm	1045	--
length extension piece	mm	275	--
max. length incl. extension piece	mm	1320	--
stroke pushing cylinder	mm	--	300
weight, ready for use	kg	14.7	
weight, incl. case (see picture)	kg	18.2	
required oil content	cc	295	
temperatue range		-20°C - + 55°C	
standard with		round pushing plate	
		2 general grip heads	
		extension piece	
		synthetic carrying / storage case: dimensions (L x W x H) 600 x 400 x 184 mm	
		adjustable carrying strap	
		RFID tag	

Accessories HDR 50 ST

Item	Frame / Door type	Art. nr.
1. grip head with extra long tooth	wood, no secustrip	150.000.259
2. round grip head	synthetic	150.000.262
3. corrugated grip head	steel, hardwood	150.000.261
4. general grip head (standard)	wood, with secustrip	150.000.254
5. rectangular pushing plate 50 x 150 mm	door with single locking device & little space for pushing plate	150.063.032
6. round pushing plate ø 148 mm (standard)	all doors	150.000.266

Robust carrying / storage case

	art. nr.	150.003.382
	For HDR 50 ST with all standard and additionally available accessories.	
Room for:		
- 1 door opener HDR 50 ST - 1 pushing plate round - 1 pushing plate rectangular - 1 extension piece - 2 general grip heads - 2 grip heads with extra long tooth - 2 round grip heads - 2 corrugated grip heads - 1 adjustable carrying strap - user manual		
Dimensions (L x W x H): 801 x 529 x 318 mm Weight: 13.3 kg		
Features/benefits: see page 18		

Pump (HTW 1250 ST) and hoses (H 04/10 Z ST) can be found on page 18.



HTT 1250 ST



H 04 Z ST

Hand pump HTT 1250 ST

specifications		HTT 1250 ST
article number		150.142.010
max. working pressure	bar/MPa	720 / 72
hydraulic system		2 x single hose / single acting
pump type		3-stage
output 1st stage (0-60 bar)		28 cc/stroke
output 2nd stage (60-260 bar)		7.6 cc/stroke
output 3rd stage (260-720 bar)		3.1 cc/stroke
capacity oil tank	cc	1400
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 with	selector handle for alternatively operating of pushing and spreading cylinders on door opener HDR 50 ST	
	pressure gauge	
	oil level gauge	
	adjustable pump handle (angle); see pictures page 22	
	RFID tag	

Bundled hoses H 04/10 Z ST

specifications		H 04 Z ST	H 10 Z ST
article number		150.570.040	150.570.041
max. working pressure	bar/MPa	720 / 72	
length	m	4	10
weight, ready for use	kg	3.6	7.2
temperature range		-20°C - + 55°C	
standard with	flat face couplers		
	bend restrictors on both sides		
	RFID tag		
safety factor		4 : 1 (2880 bar)	

Accessories HTT 1250 ST

Robust carrying / storage case

	art. nr.	150.003.372
	For HTT 1250 ST with 4 or 10 m. hoses. Room for: - 1 pump HTT 1250 ST - 1 hose H 04 Z ST (4m) or H 10 Z ST (10m) - 1 pressure relief tool - user manual	
Dimensions (L x W x H): 800 x 520 x 400 mm Weight: 12.5 kg		

Features / Benefits Robust carrying/storage case ↓

- 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)






BCU 4010 GP ST

BCT 4120 ST


Battery-operated cutter and combi tool

specifications		BCU 4010 GP ST	BCT 4120 ST
article number		150.052.013	150.052.012
max. working pressure	bar/MPa	720 / 72	
blade / cutting opening	mm	142	191
max. cutting force	kN / t	254 / 25.9	247 / 25.2
round bar (material S235)	mm	24	
max. spreading	mm	--	268
max. spreading force	kN / t	--	200 / 20.4
max. squeezing force	kN / t	--	46 / 4.7
max. pulling distance	mm	--	181
max. pulling force	kN / t	--	61 / 6.2
weight, ready for use	kg	14.7	15.3
dimensions (L x W x H)	mm	659 x 305 x 230	712 x 305 x 230
temperature range		-20°C - + 55°C	
standard with	carrying handle with integrated lighting		
	carrying strap		
	battery 24 V 3.0 Ah - NiMH		
	RFID tag		

Accessories BCU 4010 GP ST / BCT 4120 ST
Battery

	article number	150.553.050
	24V 3.0 Ah - NiMH - air-cooled	

Chargers


	article number	150.553.007
	110-220V AC (2-pin USA)	
	article number	150.553.008
	220-230V AC (2-pin EUR)	
	article number	150.553.009
	220-230V AC (3-pin UK)	

all chargers: air-cooled and full recharge in 1 hour


Pulling accessories (BCT only)

	pulling attachments	
	art. nr.	150.582.551
for 10 mm shackle		
	set pulling chains	
	art. nr.	150.582.152
	1.5 and 3 m.	
10 mm shackle		

Carrying strap

	art. nr.	150.553.055
	- to carry the tool safely - equipped with quick release clamps	

Battery pouch

	art. nr.	150.553.113
	- to store 1 battery - can be attached to a belt - made of rugged canvas with Velcro® straps	

Backpack harness

	art. nr.	150.553.115
	- to carry the tool on your back	

Robust carrying / storage case

	art. nr.	150.003.381
	For BCU 4010 GP ST with accessories.	
	Room for: - 1 BCU with battery - 1 charger 220V - 2 pins - 1 battery 24V-3.0Ah - 1 carrying strap - user manual	
	For BCT 4120 ST with accessories.	
Room for: - 1 BCT with battery - 1 set pulling chains - 1 set pulling adapters - 1 charger 220V - 2 pins - 2 batteries 24V-3.0Ah - 1 carrying strap - user manual		
Dimensions (L x W x H): 801 x 529 x 318 mm Weight: 12.8 kg		
Features/benefits: see page 18		



HCU 4010 GP ST



HCT 4120 ST

Hand-operated cutter and combi tool			
specifications		HCU 4010 GP ST	HCT 4120 ST
article number		150.012.227	150.012.202
max. working pressure		bar/MPa 720 / 72	
blade / cutting opening		mm 142	191
max. cutting force		kN / t 254 / 25.9	247 / 25.2
round bar (material S235)		mm 24	
max. spreading		mm --	268
max. spreading force		kN / t --	200 / 20.4
max. squeezing force		kN / t --	46 / 4.7
max. pulling distance		mm --	181
max. pulling force		kN / t --	61 / 6.2
weight, ready for use		kg 10.3	10.8
dimensions (L x W x H)		mm 645 x 205 x 181	698 x 205 x 181
temperature range		-20°C - + 55°C	
standard with		foldable and 180° rotatable pump handle RFID tag	



Easy operation

Accessories hand operated tools

Carrying strap



art. nr.	150.582.506
- to carry the tool safely - equipped with quick release clamps	

Backpack harness



art. nr.	150.553.115
- to carry the tool on your back	

Pulling accessories (HCT only)



pulling attachments	
art. nr.	150.582.551
for 10 mm shackle	



set pulling chains	
art. nr.	150.582.152
1.5 and 3 m.	
10 mm shackle	

Robust carrying / storage case



Dimensions (L x W x H): 801 x 529 x 318 mm
Weight: 13.8 kg

Features/benefits: see page 18

art. nr.	150.003.377
----------	-------------

For HCU 4010 GP ST.

Room for:
- cutter HCU 4010 GP
- user manual

For HCT 4120 ST with accessories.

Room for:
- combi tool HCT 4120 ST
- 1 set pulling chains
- 1 set pulling adapters
- user manual



Pump handle foldable and 180° rotatable



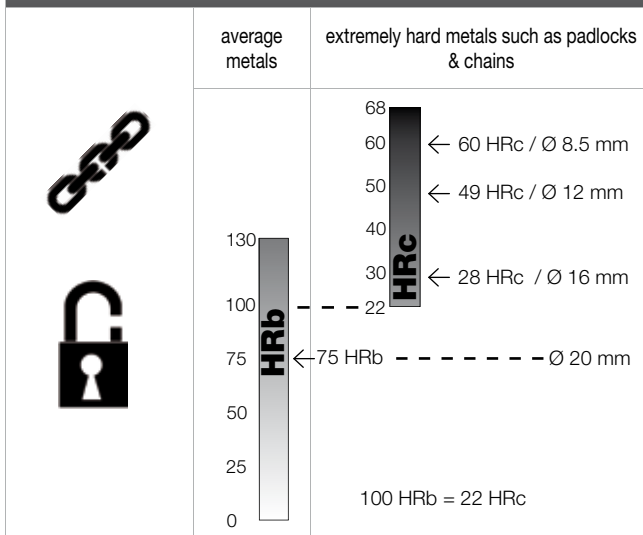
SMC 4006 C ST

Cutter SMC 4006 C ST

specifications		SMC 4006 C ST
article number		150.012.228
max. working pressure	bar/MPa	720 / 72
hydraulic system		CORE™ (single hose / double acting)
blade opening	mm	25
cutting force	kN / t	193 / 19.7
weight, ready for use	kg	6.8
dimensions (L x W x H)	mm	382 x 114 x 234
required oil content	cc	10
temperature range		-20°C - + 55°C
standard with		adjustable rotating carrying handle RFID tag

Pump (HTW 1250 C ST) and hoses (C 05/10 ST) for the SMC 4006 C ST can be found on page 22.

Cutting performance



Accessories SMC 4006 C ST

Robust carrying / storage case



art. nr. 150.003.379

For SMC 4006 C ST with spare blades.

Room for:
- cutter SMC 4006 C ST
- 1 spare blade set
- 1 Allen key 4mm
- user manual

Dimensions (L x W x H): 504 x 387 x 198 mm
Weight: 4.5 kg

Features/benefits: see page 18
(only one exception: case model for SMC 4006 C ST does not have wheels and a pulling handle)



HTT 1250 C ST



C 05 ST

specifications		HTT 1250 C ST
article number		150.142.041
max. working pressure	bar/MPa	720 / 72
hydraulic system		CORE™ (single hose / double acting)
pump type		3-stage
output 1st stage (0-60 bar)		28 cc/stroke
output 2nd stage (60-260 bar)		7.6 cc/stroke
output 3rd stage (260-720 bar)		3.1 cc/stroke
capacity oil tank	cc	1400
weight, ready for use	kg	14.2
dimensions (L x W x H)	mm	720 x 200 x 230
temperature range		-20°C - + 55°C
standard with		oil level gauge
		adjustable pump handle (angle)
		RFID tag

CORE™ hoses C 05/10 ST			
specifications		C 05 ST	C 10 ST
article number		150.570.186	150.570.187
max. working pressure	bar/MPa	720 / 72	
length	m	5	10
weight, ready for use	kg	2.5	4.7
temperature range		-20°C - + 55°C	
standard with		flat face couplers	
		hose binder	
		bend restrictors on both sides	
		RFID tag	
safety factor		4 : 1 (2880 bar for high-pressure inner hose)	

Accessories HTT 1250 C ST	
Robust carrying / storage case	
	art. nr. 150.003.372
For HTT 1250 C ST with 5 or 10 m. hose.	
Room for: - 1 pump HTT 1250 C ST - 1 hose C 05 ST (5m) or C 10 ST (10m) - 1 pressure relief tool - user manual	
Dimensions (L x W x H): 800 x 520 x 400 mm Weight: 12.5 kg	
Features/benefits: see page 18	



Pump handle can be locked in 2 different positions, for use while standing or squatting



high pressure hose (oil supply)

low-pressure hose (oil return)



PW 4624 C ST



HPW 4624 ST

Power Wedge PW 4624 C ST

specifications		PW 4624 C ST
article number		150.062.127
max. working pressure	bar/MPa	720 / 72
hydraulic system		CORE™ (single hose / double acting)
min. insertion height	mm	6
max. lifting height	mm	51
spreading force	kN / t	253 / 25.8
wedge angle		15°
weight, ready for use	kg	9.5
dimensions (L x W x H)		665 x 225 x 186
temperature range		-20°C - + 55°C
required oil content	cc	122
standard with		RFID tag

Hand-operated Power Wedge HPW 4624 ST

specifications		HPW 4624 ST
article number		150.062.136
max. working pressure	bar/MPa	720 / 72
min. insertion height	mm	6
max. lifting height	mm	51
spreading force	kN / t	253 / 25.8
wedge angle		15°
weight, ready for use	kg	11.8
dimensions (L x W x H)		713 x 270 x 197
temperature range		-20°C - + 55°C
standard with		carrying handle with integrated lighting
		foldable and 180° rotatable pump handle
		RFID tag

Pump (HTW 1250 C ST) and hoses (C 05/10 ST) for the PW 4624 C ST can be found on page 22.

Accessories Power Wedges 
Robust carrying / storage case

 Dimensions (L x W x H): 801 x 529 x 318 mm
 Weight: 13.7 kg

Features/benefits: see page 18

art. nr. 150.003.375

For PW 4624 C ST.

 Room for:
 - wedge PW 4624 C ST
 - teflon spray 400 ml
 - user manual

For HPW 4624 ST.

 Room for:
 - wedge HPW 4624 ST
 - teflon spray 400 ml
 - user manual

Carrying strap (only HPW)


art. nr. 150.582.506

 - to carry the tool safely
 - equipped with quick release clamps

Backpack harness (only HPW)


art. nr. 150.553.115

- to carry the tool on your back



**Holmatro Netherlands
Rescue equipment**

Raamsdonksveer, The Netherlands
T +31 (0)162 58 92 00
E rescue@holmatro.com
Manufacturing, sales & service

Holmatro Group

World Headquarters
Raamsdonksveer, The Netherlands

Holmatro USA

Glen Burnie, MD, U.S.A.
Manufacturing, sales & service

Holmatro UK

Nottingham, UK
Sales & service



Holmatro China

Shanghai, China
Joy Tower, 14th floor
Sales & service



Holmatro Poland

Warsaw, Poland
Sales & service

www.holmatro.com

©Holmatro 0611.01 980.000.375

Disclaimer

While the greatest care has been devoted to the content, it is possible that the information in this printed matter is incorrect or incomplete. N.V. Holmatro and its affiliated companies (hereafter: Holmatro) cannot be held liable in any way for the consequences of activities undertaken based on this printed matter. If you have any doubts about the correctness or completeness of the information, you shall contact Holmatro (phone number: +31 (0)162-589200). Nothing from this printed matter can be copied and/or made public in any way without the explicit authorisation of Holmatro.