

# LIGHTWEIGHT BREACHING SET



MADE IN THE USA

 **holmatro**  
mastering power

# HOLMATRO'S LIGHTWEIGHT BREACHING SET

The Lightweight Breaching Set is a compact and portable hydraulic breaching solution, developed and composed in coordination with the United States Military. The set consists of a battery-powered backpack pump, a powerful door ram, a combi tool for cutting and spreading and a special materials cutter to cut hardened steel. The tools are connected to the backpack pump by means of a short hose.



DR200ST



CT 5111 ST



GBP10EVO3



SMC 5006 ST



Hose CORE 6' Black

**ALSO AVAILABLE: STAND-ALONE DOOR RAM**  
**Battery-powered Door Ram GDR200STEVO3**

- Self-contained
- Proven battery technology
- Battery easy to change

**Learn more here:**  
[www.holmatro.com](http://www.holmatro.com)



**Compact & lightweight**

-Easy transportation, 1-person operation

**All hose-connected tools suitable for under water use**

-Leave the backpack above water and operate tools beneath the surface

**Pick your own set composition**

**More combinations**



**MORE COMBINATIONS**

The backpack pump can also drive other Holmatro Special Tactics CORE Tools, such as the compact and lightweight combi tools CT 5111 ST (highest spreading force) and CT 5117 ST (largest spreading distance). Another useful combination is with Power Wedge 5624 ST. This product can be used to create a larger opening out of small gaps and make room for the insertion of another tool.



PW 5624 ST



CT 5114 ST



CT 5117 ST

# LIGHTWEIGHT BREACHING SET - APPLICATIONS

Application examples of the set include, but are not limited to:

WATCH THE VIDEO:



<http://bit.ly/holmatro-lbs>



## FORCIBLE ENTRY (DOOR BREACHING)

- Positive (inward) doors
- Negative (outward) doors with overlap
- Negative (outward) doors without overlap



### Tools:

- DR200ST
- One of the available Combi Tools\*

Depending on the type of door, additional tools may be required, such as a hammer, battering ram or Halligan tool.

**Watch the application video!**

## SPREADING

- Window/Fence bars
- Fences with integrated lock
- Hatches



### Tools:

- One of the available Combi Tools\*
- DR200ST\*

\* options: CT 5111 ST / CT 5114 ST / CT 5117 ST

see [www.holmatro.com](http://www.holmatro.com)

# LIGHTWEIGHT BREACHING SET - APPLICATIONS

Application examples of the set include, but are not limited to:

## LIFTING

- Roller doors



### Tools:

- PW 5624 ST (initial space creation)
- DR200ST

WATCH THE VIDEO:



<http://bit.ly/holmatro-lbs>



## CUTTING

- Window/Fence bars
- Padlocks
- Chains



### Tools:

- One of the available Combi Tools\*
- SMC 5006 ST (use on hardened steels)

\* options: CT 5111 ST / CT 5114 ST / CT 5117 ST

see [www.holmatro.com](http://www.holmatro.com)



# TECHNICAL SPECIFICATIONS, FEATURES & BENEFITS

## DR200ST



Door Ram DR200ST

specifications door ram	DR200ST	
art. no.	159.000.143	
max. working pressure	psi.	10,443
equipped with (connector type)	CORE	
spreading force over full stroke	lbf.	15,961
retracted length	in.	23.2
extended length	in.	35
spreading stroke	in.	11.8
weight, ready for use	lb.	16.8
dimensions (L x W x H)	in.	4.4 x 23.2 x 6.3
required oil content	oz.	9
temperature range	-4 + 131 °F	

### Flat toe

- Small toe height for easy insertion of the door ram into the door frame

### Toe mounted at 90° angle

- Enhanced operator safety: Allows you to work from a position next to the door, out of harm's way

### Forked teeth

- To spread the force of the tool more widely over the surface

### Long spreading stroke and high spreading force over full stroke

- To open the most flexible doors

### Double-acting hydraulic system

- Quick return of the plunger for a second insertion
- Tool can be disconnected from the pump and left in position, while it remains under pressure. A useful option with very strong doors! Extend the door ram to 30 cm/11.8 in., disconnect it from the hose and follow up with a combi tool to break the top lock.



## CT 5111 ST



Combi Tool CT 5111 ST\*

specifications combi tools	CT 5111 ST	
article number	158.012.148	
max. working pressure	psi.	10,443
hydraulic system	double acting	
equipped with (connector type)	CORE	
spreading distance	in.	11.1
max. spreading force	lbf.	102,738
max. cutting opening	in.	7.7
theoretical cutting force	lbf.	60,249
round bar	in.	0.9
max. squeezing force	lbf.	9,892
weight, ready for use	lb.	17.4
dimensions (L x W x H)	in.	21.3 x 8.5 x 4.5
required oil content (effective)	oz.	1.9
temperature range	-4 + 131 °F	

### Extremely compact & ultra-lightweight

- Easy carrying and handling
- Easy transport and storage
- Carrying handle folds flat for even more compact dimensions

### Optimal performance to weight ratio

- Very high spreading force and large spreading distance compared to size and weight
- High cutting force and large cutting opening compared to size and weight

### Multi-functional

- One tool for both cutting and spreading applications

### 360° rotatable aluminum carrying handle

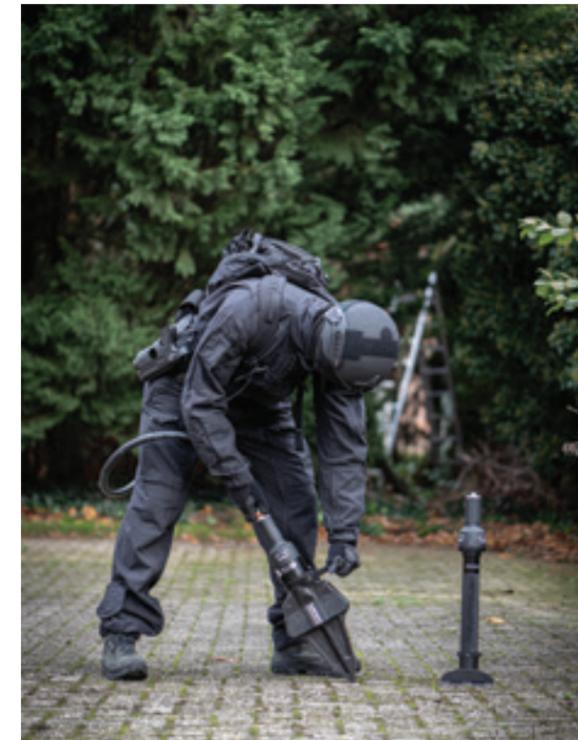
- Continuous swivel with 11 locking positions
- For use of the tool in almost any position

### Equipped with i-Bolt

- Flat central bolt for better access to narrow spaces
- The i-Bolt squeezes the blades together directly and more tightly. This results in less blade separation and a better cutting performance.

### \* Alternative tools:

CT 5117 ST for largest spreading distance and CT 5114 ST for the ideal balance between spreading force and spreading distance (model CT 5111 offers the highest spreading force). More info: [See www.holmatro.com](http://www.holmatro.com).

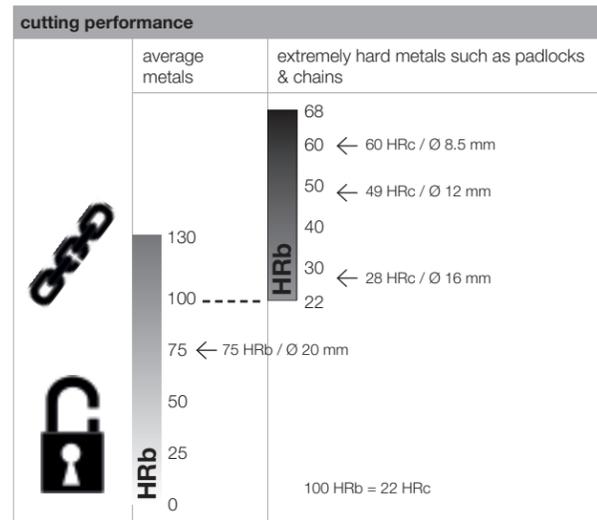


# SMC 5006 ST & PW 5624 ST



Special Materials Cutter SMC 5006 ST

specifications Special Materials Cutter		SMC 5006 ST
article number		158.012.170
max. working pressure	psi.	10,443
hydraulic system		double acting
equipped with (connector type)		CORE
blade opening	in.	25
max. cutting force	lbf.	43,388
weight, ready for use	lb.	14.3
dimensions (L x W x H)	in.	14.2 x 4.8 x 9.3
required oil content	oz.	0.3
temperature range		-4 + 131 °F



### Designed to cut materials of high hardness

- Ideal for padlocks and chains

### Adjustable, rotating carrying handle

- Simplifies cutting at various angles

### Replaceable and easy to change blades

### Extremely compact & lightweight



specifications Power Wedge		PW 5624 ST
article number		150.062.229
max. working pressure	psi.	10,443
hydraulic system		double acting
equipped with (connector type)		CORE
min. insertion height	in.	0.2
max. lifting height	in.	2
spreading force	lbf.	52,830
wedge angle		15°
weight, ready for use	lb.	20.1
dimensions (L x W x H)	in.	25.3 x 8.9 x 7.4
temperature range		-4 + 131 °F
required oil content	oz.	4.1



Power Wedge PW 5624 ST

### Combines extremely small insertion height with high spreading force

- Ideal to create an initial opening in very small gaps, for placement of another tool

# GBP10EV03



Backpack Pump GBP10EV03

specifications backpack pump		GBP10EV03
art. no. (excl. battery)		159.000.168
max. working pressure	psi.	10,443
equipped with (connector type)		CORE
number of tool connections		1
number of stages		2
first stage output / min.	oz.	74.4
second stage output / min.	oz.	8.5
capacity oil tank	oz.	21.5
capacity oil tank (effective)	oz.	14.4
weight excl. battery	lb.	14.3
weight, ready for use <sup>1)</sup>	lb.	16.5
dimensions (LxWxH)	in.	15 x 9.4 x 4.7
temperature range		-4 + 131 °F

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

required accessories		art. no.
1	Battery BPA 286 (6.0 Ah)	151.000.307
accessories		art. no.
2	Battery charger BCH1 (220 - 240 VAC)	150.182.208
2	Battery charger BCH2 (100 - 120 VAC)	150.182.209
3	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
4	Mains power connector BMC2 (100 - 120 VAC)	150.182.207

### Small pump contained in a backpack

- Very portable and lightweight

### Battery-powered

- High operation speed thanks to efficient electric motor  
- Low noise level  
- Quick and easy to change battery

### Can be used with longer hose lengths

- Possibility to connect longer hoses to the pump or to an already connected hose  
- Allows for a silent approach: you can place the pump farther away from the action



specifications CORE hoses		Hose CORE 6' Black
article number		158.572.160
max. working pressure	psi	10,443
length	ft.	6
weight, ready for use	lb	3
temperature range		-4 + 131 °F
hydraulic safety ratio		4 : 1

### Standard supplied with:

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



Hose Core 6' Black



# BREAKING BARRIERS

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[holmatro.com](http://holmatro.com)