

# SPECIAL TACTICS EQUIPMENT





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### 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).

# FORCIBLE ENTRY TOOL T1



T1

specifications forcible entry tool		T1
article number		151.001.787
spreading distance	mm	128
max. spreading force	kN/t	33 / 3,4
min. spreading force 25 mm tip	kN/t	26 / 2,7
max. cutting opening	mm	29
theoretical cutting force	kN/t	139 / 14,2
round bar (S235)	mm	18
weight, ready for use	kg	7,7



## Multifunctional tool

- The T1 can hammer, cut, spread, lift, wedge and ram  
This means you always have the right tool for the job
- The wedge is detachable, meaning no second person or tool is needed for creating the first gap
- Having all these functions in one tool also saves weight and space in your vehicle
- The T1 is a stand-alone tool, so you won't need batteries or an external pump



## 2-stage pump

- High power transmission means 30 kg of manual force on the pump rod gives you up to 14,2 ton hydraulic cutting force and up to 3,4 ton hydraulic spreading force
- You will need less energy or breathing air, compared to traditional tools



## Compact and powerful

- The patented hydraulic cutting/spreading mechanism of the T1 allows for high cutting & spreading forces in a compact tool design
- Easy to use in confined spaces
- Easy to carry and store



## Optimized cutting blades and jaw design

- The T1 can easily cut rebar, chain and padlock
- It can cut up to  $\varnothing 18$  mm of round bar (S235)
- You can easily replace the cutting blades when they are damaged



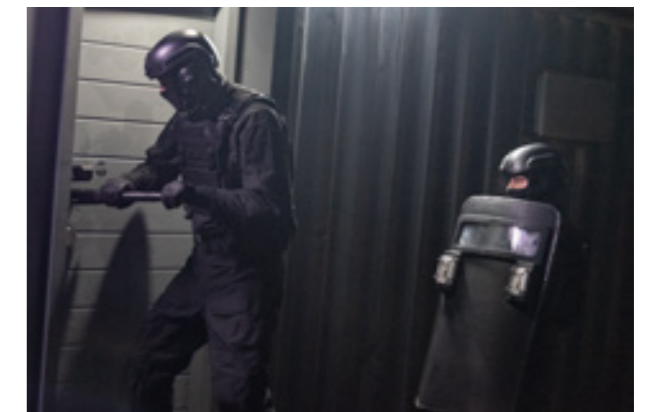
## Detachable wedge

- You don't need a second person or tool for creating the first gap, which makes forcing heavy inward opening doors a one-person job
- The wedge can also be used for pulling hinges or manually forcing outward opening doors



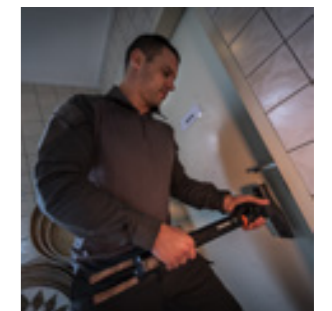
## Spreading tips

- For opening heavy doors in a controlled way
- The load-holding function makes the tool suitable for lifting and progressive lifting
- You can also use the spreading tips to create space in vehicles.



## Hammer head

- You can use the tool as a battering ram or hammer
- For opening light inward opening doors quickly
- The optimized weight of 7,7kg makes the tool light enough to carry and heavy enough to do the job



# 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	1,230
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.

specifications door blaster pack		HDB P 240 ST WO
article number		151.000.748
weight ready for use	kg	13.4
dimensions (L x W x H)	mm	490 x 320 x 150
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.

-With mounted hose set incl. remote control and compatible with Wireless Control Set WCS01



HDB P 240 ST WO

specifications air bottle		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

# 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



## Push button on door opener for clamping

- Quick and easy installation



## Remote operation

- To activate door opener from a distance  
 - To quickly release door opener from a distance  
 - Enhances operator safety  
 - Choice between mounted control on 2 m. hose or the new Wireless Control Set (radio range: 100 m. clear line of sight)



## 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



# 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

## Wireless Control Set

- To operate the Door Blaster from a distance up to 100 m.
- Battery charging and connection to backpack with one single cable
- Stand-by mode of 48 hours
- Various feedback functions on remote control: connection status, action complete status of pushing cylinder, action complete status of quick release function, battery status of both receiver and control unit



specifications charger	BCH13	
article number		151.002.454
mains voltage		220 -240 VAC

## Charger BCH13

- Required accessory for Door Blaster Pack HDB P 240 ST WO
- To charge the battery of the receiver in the Wireless Control Set



BCH13

# 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 OPENERS



Door Ram PDR200

specifications door ram	PDR200
article number (excl. battery)	151.004.496
spreading force over full stroke	kN/t 71 / 7.2
retracted length	mm 802
extended length	mm 1,102
stroke	mm 300
weight, ready for use (incl. battery)	kg 14.2
integrated lighting / connectivity	√ / √

Pentheon - Batteries, chargers and cables (see page 18)

### Highly capable

- Thanks to a long spreading stroke even the most flexible doors can be opened
- Unlike combi tool style door openers the door ram has a constant high spreading force over its full stroke, to provide full power where you need it

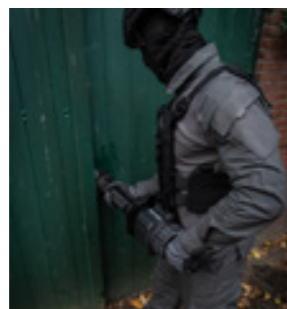
### Ease of placement

- With its small toe height the door ram can be easily inserted into the door frame



### Enhanced safety for the operator

- The toe is attached at a 90-degree angle to the tool body, so you need not be in front of the door to operate the tool. You can work from a position next to the door, out of harm's way



### Unparalleled speed for faster operations

- Fastest door ram on the market thanks to Stepless Speed Maximization (patented)
- The tool continuously optimizes its motor and pump settings, giving you maximum speed at any tool load

### Battery management made easy

- Charge batteries directly on the tools with the On-Tool Charging System



# DOOR OPENERS

specifications door ram	DR200
article number	151.004.720
spreading force over full stroke	kN/t 71 / 7.2
retracted length	mm 597
extended length	mm 897
stroke	mm 300
weight, ready for use (hose connected)	kg 8.5
weight (without hose)	kg 7.6

### Compact and lightweight

- Easy to carry and handle

### Highly capable

- Thanks to a long spreading stroke even the most flexible doors can be opened
- Unlike combi tool style door openers the door ram has a constant high spreading force over its full stroke, to provide full power where you need it

### Ease of placement

- With its small toe height the door ram can be easily inserted into the door frame

### Enhanced safety for the operator

- The toe is attached at a 90-degree angle to the tool body, so you need not be in front of the door to operate the tool. You can work from a position next to the door, out of harm's way



specifications door opener set	HDO 100 *)
art. no.	150.062.213
max. spreading force	kN/t 100 / 10.2
stroke	mm 130
weight door opener, ready for use	kg 6.7

\*) with rotating hose connection and handle, hand pump and hose, delivered in synthetic carrying / storage box

HDO 100 also available as a single tool in synthetic carrying / storage box, art. no. 150.062.007



DR200

### One person operation when used with our backpack pump

- No need to carry and operate a separate hand pump



HDO 100

# PENTHEON COMBI TOOLS



PCT14ST

specifications combi tools	PCT14ST	PCT17ST
article number (excl. battery)	151.002.418	151.002.419
NFPA 1960, cutting capacity	A5 B5 C5 D6 E4 F3	A5 B5 C4 D6 E4 F3
spreading distance	mm 362	431
max. spreading force	kN/t 1,350 / 137.7	1,350 / 137.7
min. spreading force (EN 13204)	kN/t 33 / 3.4	28 / 2.9
max. cutting opening	mm 277	352
theoretical cutting force	kN/t 268 / 27.3	268 / 27.3
max. squeezing force	kN/t 34 / 3.5	27 / 2.8
max. pulling force	kN/t --	30 / 3.1
weight, ready for use (incl. battery)	kg 14.2	14.4
round bar	mm 24	24
integrated lighting / i-Bolt	√ / √	√ / √

Pentheon - Batteries, chargers and cables (see page 18)

## Compact, lightweight and well-balanced

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

## 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

## Unparalleled speed & ultimate control

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



# CORE COMBI TOOL



CT 5114 ST

specifications combi tool	CT 5114 ST
article number	151.000.518
NFPA 1960, cutting capacity	A5 B5 C5 D6 E4 F3
max. working pressure	bar/Mpa 720 / 72
hydraulic system	double acting
equipped with (connector type)	CORE
spreading distance	mm 362
max. spreading force	kN/t 1,350 / 137.7
max. cutting opening	mm 277
theoretical cutting force	kN/t 268 / 27.3
round bar	mm 24
max. squeezing force	kN/t 34 / 3.5
weight (without hose)	kg 8.4
weight, ready for use (hose connected)	kg 9.6
dimensions (L x W x H)	mm 598 x 217 x 115
required oil content (effective)	cc 55
temperature range	-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

## 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

## Optimal performance to weight ratio

- High cutting force compared to size and weight

## Multifunctional

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

## 360° rotatable aluminum carrying handle

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

## Low visibility

**Quick operation with backpack pump** (see page 17)

# HAND-OPERATED COMBI TOOL



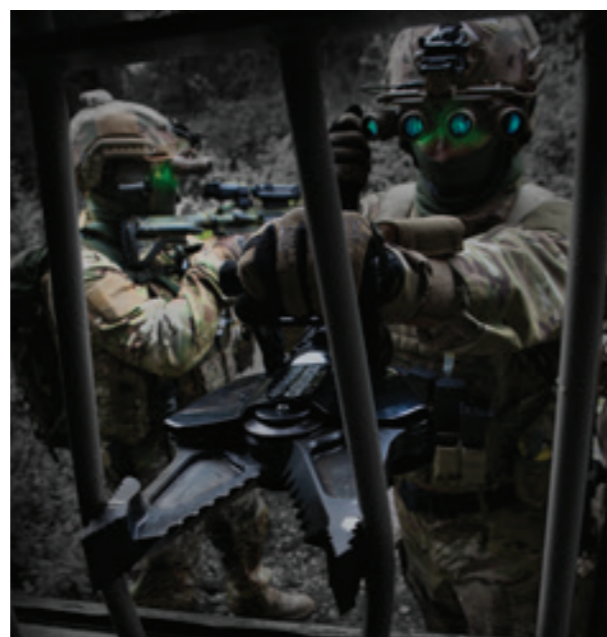
HCT 5114 ST

specifications hand combi tool	HCT 5114 ST
article number	151.000.580
NFPA 1960, cutting capacity	A5 B5 C4 D6 E4 F3
max. working pressure	bar/Mpa 720 / 72
spreading distance	mm 362
max. spreading force	kN/t 1,350 / 137.7
max. cutting opening	mm 277
theoretical cutting force	kN/t 268 / 27.3
round bar	mm 24
max. squeezing force	kN/t 34 / 3.5
pulling distance	mm --
max. pulling force	kN/t --
weight, ready for use	kg 9.1
dimensions (L x W x H)	mm 583 x 218 x 145
temperature range	-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 TOOL

## 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

- High cutting force compared to size and weight

## Multifunctional

- Suitable for cutting, spreading and squeezing
- 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 combi tools		for Pentheon model	for CORE model	for hand-operated model	art. no.
1	Carrying/storage bag	--	--	HCT 5114 ST	150.182.227
2	Carrying / backpack harness	--	CT 5114 ST	HCT 5114 ST	150.553.115

# CORE HOSES

specifications CORE hoses		C 1.5 ZU	C 05 ZU
article number		151.001.611	150.570.060
max. working pressure	bar/MPa	720 / 72	720 / 72
length	m	1.5	5
weight, ready for use	kg	1	2.5
temperature range		-20°C - + 55°C	-20°C - + 55°C
hydraulic safety ratio		4 : 1	4 : 1

### Standard supplied with

- Hose binder
- Flat face couplers
- Bend restrictors on both sides



C 05 ZU



# BACKPACK PUMP



Backpack Pump GBP10EVO3

C 1.5 ZU (for specifications see page 16)

specifications backpack pump		GBP10EVO3
article number (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	2,200
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

### 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



# PENTHEON - BATTERIES, CHARGERS AND CABLES



required accessories pentheon tools		art. no.
1	Battery PBPA288 (8.0 Ah)	151.004.490
accessories		art. no.
2	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 PBDT1	151.000.509
5	On-Tool Charging Cord POTC1	151.000.499
6	Daisy Chain Power Cord DCPC1	151.000.503
7	Battery Pouch BP01	151.002.119
8	Carrying Strap CST01	151.004.757



# CORDLESS MINI CUTTER



CCU10

specifications mini cutter	CCU10
article number (incl. 2 x 2Ah battery)	151.001.500
cutter jaw	inclined
NFPA 1960, cutting capacity	A4 B3 C2 D4 E4
theoretical cutting force	kN/t 220 / 22.4
blade opening	mm 59
weight, ready for use (incl. battery)	kg 4.9
round bar	mm 22
integrated lighting / i-Bolt	√ / √

### Cordless design

- Immediately ready for use
- Maximum operational freedom
- Requires minimal space in the rescue vehicle



required accessories	art. no.
Battery charger CBCH1 (AC-EU)	151.002.112
Battery charger CBCH5 (AC-UK)	151.002.113
Battery charger CBCH7 (AC-AU/NZ)	151.002.114
Battery charger CBCH2 (AC-US)	159.000.212



### Superior cutting performance

- Unique inclined cutter jaw for more freedom in positioning the tool
- Grip teeth on both blades for extra bite when cutting
- Suitable for cutting rebar, fences, steel bars and chains (grade 43)

### Smart battery technology

- Up to 70 cuts with one 2Ah battery
- LED light powered by the main battery
- Part of the Cordless Alliance System (CAS):  
Battery compatible with other professional power tools

### Optimum tool control

- Variable speed control: push the button further down to increase the tool's speed
- Start-stop mode to save valuable battery time
- Control slide to switch between opening and closing the tool

# POWER WEDGE



PW 5624

specifications power wedge	PW 5624
article number	150.062.228
max. working pressure	bar/MPa 720 / 72
hydraulic system	double acting
equipped with (connector type)	CORE
min. insertion height	mm 6
max. lifting height	mm 51
spreading force	kN/t 235 / 24
wedge angle	15°
weight (without hose)	kg 9.2
weight, ready for use (hose connected)	kg 10.4
dimensions (L x W x H)	mm 643 x 225 x 188
temperature range	-20°C - + 55°C
required oil content	cc 122

### Power Wedge

For creation of an initial opening in narrow gaps.

### 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, door ram (P)DR200 or any combi tool

### Quick and easy to use

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

### Quick operation with backpack pump

See page 17

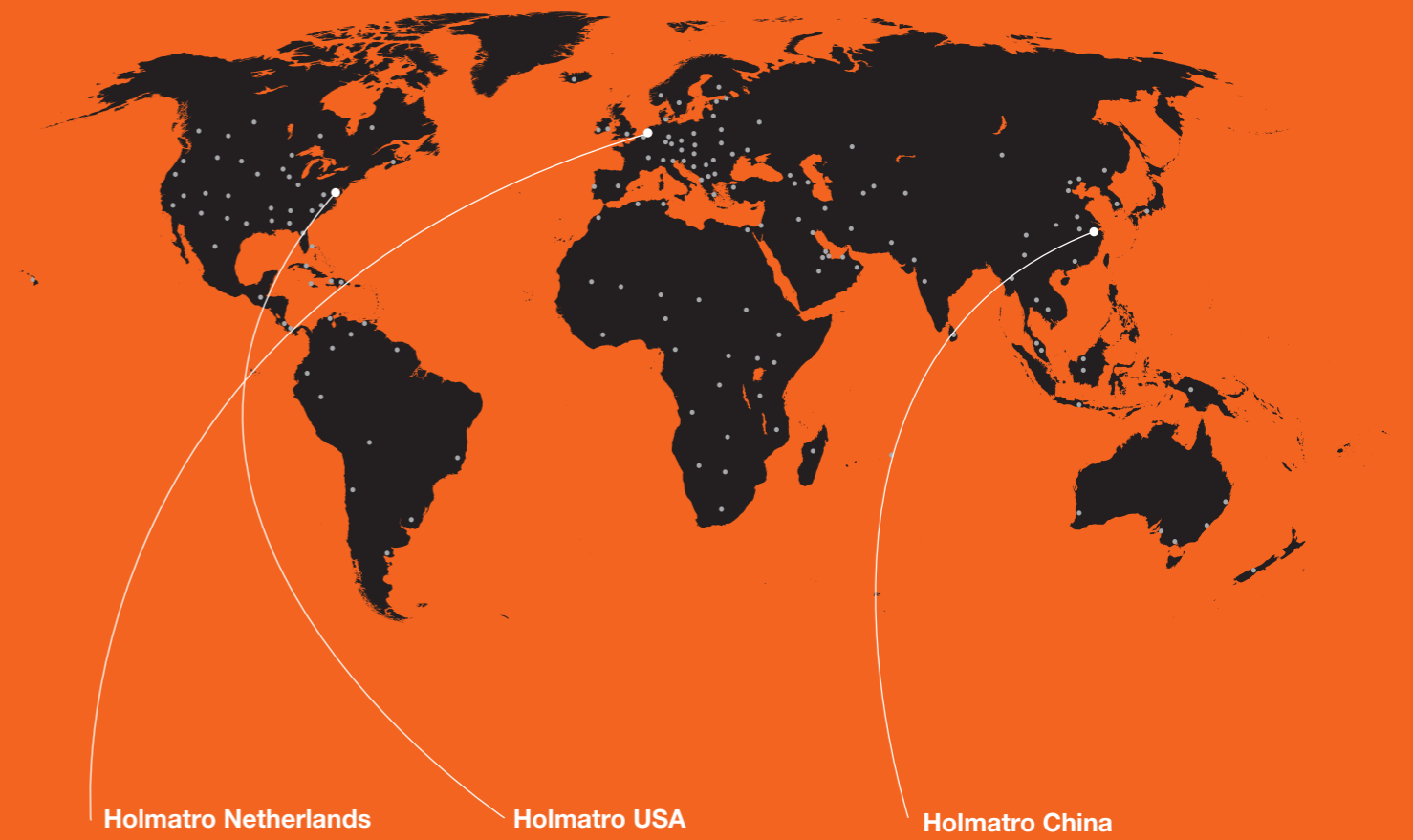


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Thanks to our worldwide sales and service network there's always a Holmatro representative nearby, ready to assist you!

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# BREAKING BARRIERS

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