

# SPREADERS

The spreader is unique by its size and tremendous power, up to 7500 Kg. Its uniqueness is by its small tips which can be used in narrow places where access is limited and bigger equipment cannot perform or is irrelevant. Though physically small, it can be used for lifting concrete blocks and debris, piles, for opening doors, elevators and for other tasks requiring a great force. This equipment, with the variety of needs it serves, may be used by all security and rescue forces. The spreaders can be operated by means of hydraulic, humatic or electric pump, and doesn't need any exterior source of energy.



## HN-534

**Weight:** 9.36 kg.  
**Pump weight:** 3.8 kg  
**Dimensions (l x w x h):** 345X125X110 mm.  
**Width (closed):** 5mm.  
**Max. width open:** 115 mm.  
**Spreading power:** 7,500 kg.



## HN-540

**Weight:** 11.6 kg.  
**Dimensions (l x w x h):** 430x125x195mm.  
**Width (closed):** 5mm.  
**Max. width open:** 115 mm.  
**Spreading power:** 5,000 kg.



## HN-580

**Weight:** 9.8 kg.  
**Dimensions (l x w x h):** 450x140x130mm.  
**Width (closed):** 8mm.  
**Max. width open:** 255 mm.  
**Spreading power:** 4,000 kg.



# SPREADERS

The spreader is unique by its size and tremendous power of up to 2,500 Kg.  
The HN-9518 and the HN-9518-A are designed for special operations, when the combination of lightness and powerful devices is crucial.



## HN-9518

**Weight:** 3.48 kg.  
**Dimensions (l<sub>x</sub>w<sub>x</sub>h):** 298X110X77 mm.  
**Width (closed):** 3.5 mm  
**Max. width open:** 82 mm.  
**Spreading power:** 2,500 kg.



## HN-9518A

**Weight:** 5.9 kg.  
**Dimensions (l<sub>x</sub>w<sub>x</sub>h):** 380X220X110 mm.  
**Width (closed):** 3.5mm.  
**Max. width open:** 82 mm.  
**Spreading power:** 2,500 kg.



# KIT HN-9478 (Sharon Kit)

The Sharon Kit is unique for Security & Rescue Forces, and includes a combination of several tools with tremendous intensity.

The tools are operated by a miniature pump which enables a single person to solve a wide range of problems encountered on the field .

The kit can be operated by an electric, pneumatic or a manual pump, making a single operator totally independent of any external source of energy. Further more, the Sharon Kit is carried on a backpack, its light weight, compact and easy to operate.



## 1.pump

**Weight:** 2.98 kg.  
**Dimensions (l<sub>x</sub>w<sub>x</sub>h):** 130X100X360 Mm.  
**W. pressure:** 400 bar.

## 2.Cutter

**Weight:** 3.5 kg.  
**Dimensions (l<sub>x</sub>w<sub>x</sub>h):** 480X65X110 mm.  
**Width (closed):** 93 mm.  
**Max. width open A:** 350 mm.  
**Max. width open B:** 635 mm.  
**Spreading power:** 1,500 kg.

## 3.Spreader

**Weight:** 3.48 kg.  
**Dimensions: (l<sub>x</sub>w<sub>x</sub>h):** 298X110X77 mm.  
**Width (closed):** 3.5 mm.  
**Max. width open:** 82 mm.  
**Spreading power:** 2,500 kg.

## 4.Bar buster

**Weight:** 2.98 kg.  
**Dimensions (l<sub>x</sub>w<sub>x</sub>h):** 190X50X240 mm.  
**Cutting up to:** 13 mm.  
**Cutting power:** 17,500 kg.



# Door Busters

## Menny A-1

The Menny A-1 door buster is used for inwards opening steel doors. It is designed to allow security forces and special units the best solution for dealing with massive inwards opening steel doors such as: double-wings doors improvised doors and well protected doors. The device performs under tough conditions. The device can be carried on the neck, by means of unique strip, allowing easy operation and quick setting. Relevant for both right and left doors.

This model is able to deal with doors up to 1,675 cm.



**Weight:** 18.48 kg.  
**Length (closed):** 732 mm.  
**Length (open):** 980 mm.  
**W. Pressure:** 400 bar.

## Junior

The Junior model is designed for breaching steel doors. It is another innovative solution in the exclusive line of door busters developed by Hydro-Noa, a world leader in field of cold entry. This model is designed to open inward opening steel doors, in order to allow fire brigades or other security forces the optimal solution for breaching these doors.

The device can be carried on the neck by means of a unique strip which allows easy operation and quick setting. This device is relevant both for right and left opening doors.

Extension of the horizontal cylinder up to 115 mm



**Weight:** 14.38 kg.  
**Length (closed):** 732 mm.  
**Length (open):** 1000 mm.  
**Width:** 117 mm.  
**W. Pressure:** 400 bar.



# Door Busters

## Menny B-2

The Menny B-2 door buster is used for inwards opening steel doors. It is designed to enable security forces and special units the best solution for dealing with massive inwards opening steel doors such as: double-wings doors improvised doors and well protected doors. The device performs under tough conditions.

It can be carried on the neck, by means of unique strip, allowing easy operation and quick setting. Relevant for both right and left doors.

Setting of the device is almost silent due to the 360 ° rotating fixed pump on the horizontal cylinder. This model is able to cope with doors with a frame width up to 1675 cm.



**Weight:** 21.98 kg.  
**Pump weight:** 21.35 kg.  
**Length (closed):** 732 mm.  
**Length (open):** 980 mm.  
**W. Pressure:** 400 bar.

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## The MB-3/A

The MB-3/A door buster is designed to breach outward-opening steel doors.

This model was developed in order to provide the best solution for breaching outward opening doors, used by rescue and security forces. These kinds of doors are common at public buildings as: schools, theatres, malls etc'. The MB-3/A door buster is the perfect answer. Relevant for both right and left opening doors.



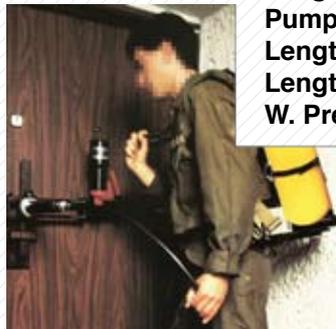
**Weight:** 17.62 kg.  
**Length (closed):** 700 mm.  
**Length (open):** 940 mm.  
**Height:** 390 mm.  
**W. Pressure:** 400 bar.



# Door Busters

## MENNY D4

The MENNY D4 model is a portable lightweight door-forcer, easy to operate under any condition. It requires no energy source, making it suitable for both security and fire forces to breach steel doors. The Menny D4 is designed for Special Forces and anti-terror units. The Menny D4 is yet another solution for forcing in and breaching of massive doors within a few seconds. (breaching within 4 sec' from setting) The device can be carried on the neck, with a unique strip, allowing easy operation and quick setting. The door-forcer includes the power-assisted HPN 4190D. The setting is being done by a silent fixed 360° rotatable manual pump. This model is able to deal with doors up to 1675 cm, Relevant for both right and left doors.



**Weight:** 21.98 kg.  
**Pump weight:** 21.35 kg.  
**Length (closed):** 732 mm.  
**Length (open):** 980 mm.  
**W. Pressure:** 400 bar.

## CLF-675-H

The light weight door forcer CLF-675-H is developed by Hydro-Noa. It is designed to enable a single operator to force in standard steel doors. This device presents the perfect solution for breaching of inward opening steel doors.

Extremely light weight and portable method of entry. Easily folded for storage.

The device can be carried on the neck, by means of unique strip, allowing easy operation and quick setting. Relevant for both right and left opening doors. Requires a single operator.



**Weight:** 8.8 kg.  
**Dimensions:** 732x155x380 mm  
**Length (closed):** 738 mm.  
**Length (open):** 1090 mm.  
**Width (closed):** 380 mm.  
**W. Pressure:** 400 bar.  
**Max force:** 5000 kg.

**Extension (to the breaching cylinder-non standard doors): 100 mm.**



# Door Busters

## HN-775

The HN 775 is designed for special operations when size & weight are a major factor. This tiny device has a capability of 2.5 tons. This model can perform on both inwards/outwards opening doors. Operating method doesn't require standing in front of the door (left or right doors) during the operation. It has fixed 360 ° rotatable pump. The HN-775 requires a single operator. It is the perfect solution for: undercover, intelligence tasks etc'. The door buster is carried on shoulder with special strip or in a pouch.



**Weight:** 4.98kg.  
**dimension (closed):** 227X130X195 mm.  
**Length (open):** 340 mm.  
**W. Pressure:** 400 bar.

## HN-1675

It is another model of the Hydro Noa door buster series. This model is used to open all doors, inward and outward opening. This HN-1675 is a single operator device. The HN-1675 is the perfect method of cold entry when weight and portability is important as much as the door breaching. Relevant for both right and left opening doors.

**Weight:** 6.6 kg.  
**Length (closed):** 385 mm.  
**Length (open):** 535 mm.  
**Width:** 125 mm.  
**W. Pressure:** 400 bar.



## HN-1675-L

It is a new model of the Hydro Noa door buster line. This model is incredibly light, made of special materials designed for inward and outward opening doors. This HN-1675-L is a single operator device. The HN-1675-L is the perfect method of entry when weight and portability is extremely important as much as the actual door breaching. Relevant for both right and left opening doors.

**Weight:** 3.8 kg.  
**Length (closed):** 385 mm.  
**Length (open):** 535 mm.  
**Width:** 125 mm.  
**W. Pressure:** 400 bar.



# CUTTERS

The cutters are designed for special operations when size & weight are a major factor. These cutters can cut up to 13 mm.

\* Available with fixed, 360 ° rotatable pump.



## HN-162

**Weight:** 4.97 kg.  
**Dimensions (lwxh):** 240x50x90mm.  
**Cutting –tempered steel:** 6 mm.  
**Cutting –standard:** 10 mm.  
**Cutting power:** 17,500 kg.



## HN-9218-A

**Weight:** 5 kg.  
**Dimensions (lwxh):** 190X50X240 mm.  
**Cutting up to:** 13 mm.  
**Cutting power:** 13,800 kg.



## HN-162-A

**Weight:** 4.6 kg.  
**Dimensions (lwxh):** 245x102x190mm.  
**Cutting –tempered steel:** 6 mm.  
**Cutting –standard:** 10 mm.  
**Cutting power:** 13,800 kg.



## HN-9218

**Weight:** 2.98 kg.  
**Dimensions (lwxh):** 190 X 50 X 240 mm.  
**Cutting up to:** 13 mm.  
**Spreading power:** 17,500 kg.



# CUTTERS

The heavy duty cutters series is designed for special operations and complicated tasks. These cutters can cut up to 16 mm tempered steel and 20 mm standard steel. The cutters can be operated by means of hydraulic, humatic or electric pump, doesn't need any exterior source of energy. Those cutters are tremendously powerful Vs its size.



## HN-202A

**Weight:** 7.85 kg.  
**Pump weight:** 3.6 kg.  
**Dimensions (lwxh):** 425x125x170 mm.  
**Cutting –tempered steel:** 16 mm.  
**Cutting –standard:** 20 mm.  
**Cutting power:** 35,000 kg



## HN-288

**Weight:** 9.85 kg.  
**Dimensions (lwxh):** 500x125x210 mm.  
**Cutting –tempered steel:** 16 mm.  
**Cutting –standard:** 20 mm.  
**Spreading power:** 21,000 kg.



## HN-9219

**Weight:** 3.62 kg.  
**Dimensions (lwxh):** 190x50x210mm.  
**Cutting –tempered steel:** 16 mm.  
**Cutting –standard:** 18 mm.  
**Cutting power:** 17,000 kg.



# CUTTERS



## HN-9219-A

**Weight:** 6 kg.  
**Dimensions (lxwxh):** 205X50X260 mm.  
**Cutting –tempered steel:** 16 mm.  
**Cutting –standard:** 18 mm.  
**Cutting power:** 17,000 kg.

The Hn-318-c is a new model from Hydro Noa.

It is designed specially for steel cable cutting; this model provides a clean cut of steel cables up to 10 mm.

\* Available with fixed, 360° rotatable pump, carried on shoulder.



## HN-318-C

**Weight:** 2.98 kg.  
**Pump weight:** 2.6 kg.  
**Dimensions (lxwxh):** 220x50x167mm.  
**Cutting –cables:** 10mm.



## HN-318-C-A

**Weight:** 4.78 kg.  
**Dimensions (lxwxh):** 320x50x167mm.  
**Cutting –cables:** 10mm.



# BAR BUSTERS

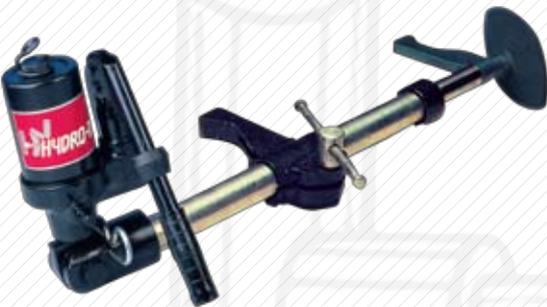
The bar buster is designed to enable security or rescue forces to penetrate protected dwellings, through barred windows. The bar buster is multi functional. The device spreads apart the bars, creating a gap, large enough for people to climb through. Alternatively, it may be used for ripping the bars out of the wall. Furthermore it can be used to lift gates and different objects etc, the bar buster has a 360 ° adjustable sledge allowing it to fit in a wide range of sizes. Although it's small size, the device is very powerful and does not require an external power source. Designed to be carried on shoulder, it is portable and light weight, noiselessly operated by a single person.

**\* All models are available in the K series, without fixed, 360 ° rotatable pump**



## HN-36

**Weight:** 7.5kg.  
**Length (close):** 625 mm.  
**Width (closed):** 130 mm.  
**Range (closed):** 90 mm.  
**First Spread:** 405 mm.  
**Second spread:** 810 mm.  
**M.Power:** 1,500 kg.



## HN-40

**Weight:** 9.59kg.  
**Length (closed):** 595 mm.  
**Width (closed):** 145 mm.  
**Range (closed):** 90 mm.  
**First Spread:** 405 mm.  
**Second spread:** 810 mm.  
**M.Power:** 2,500 kg.



## HN-9118

**Weight:** 3.5 kg.  
**Dimensions (l x w x h):** 480X65X110 mm.  
**Width (closed):** 93 mm.  
**First Spread:** 405 mm.  
**Second spread:** 810 mm.  
**Spreading power:** 1,500 kg.



# COMBO KIT

The HN-4887 is another one of Hydro Noa exclusive cold entry kits. This tiny powerful kit contains: cutter, spreader and door buster. The different devices are easily & simply assembled to the main cylinder by means of a thread. The main cylinder contains a fixed 360 ° rotatable hydraulic pump. This unique tiny kit allows performing where access is limited and when weight & size are most important for the success of the operation. It also allows performing while rappelling and can be carried on a belt with pouches for each unit.



## 1.cylinder

**Weight:** 3.7 kg.  
**Dimensions (lxwxh):** 225X170X100mm.  
**Spreading power:** 2,000 Kg.

## 2.Spreader

**Weight:** 3.48 kg.  
**Dimensions (lxwxh):** 155X110X65mm.  
**Width (closed):** 3.5 mm.  
**Max. width open:** 82 mm.  
**Spreading power:** 1,406 Kg.

## 3.Cutter

**Weight:** 1.98 kg.  
**Dimension (lxwxh):** 200X100X30 mm  
**Cutting up to:** 13 mm.  
**cutting power:** 10,000 Kg.

## 4.Door buster

**Weight:** 0.96 Kg.  
**dimension (closed):** 155X70X50 mm  
**Max opening:** 130 mm.  
**Busting power:** 2,500 Kg.



# PUMPS

The hydraulic pumps developed by Hydro-Noa includes many special & unique features. The pumps are lightweight and can be carried on a belt or shoulder. They are all easily operated by a single person. All pumps are designed to be highly durable and with almost zero maintenance. The following types are available:

- Hydraulic manual pumps. Permanently connected to the tool (creating a closed system) allowing a full 360° rotation.
- Hydraulic manual pumps which are connected to the tool by means of a flexible hose with quick release couplers. These pumps, designed to be carried on the belt, they are lightweight, portable, easy to operate at any angle and suitable for conditions where the operator may require an easily connectable auxiliary power.
- Compressed air operated hydraulic pumps are powered by a compressed air cylinder and can be carried on the back.



## HN-1830

**Weight:** 3.6 kg.  
**length:** 540 mm.  
**Width:** 80 mm.  
**W. pressure:** 500 bar.



## HN-5262

**Weight:** 5.6 kg.  
**length:** 500 mm.  
**Width:** 110 mm.  
**W. pressure:** 400 bar.



## HN-3242

**Weight:** 5.9 kg.  
**length:** 510 mm.  
**Width:** 120 mm.  
**W. pressure:** 400 bar.



# PUMPS



## HN-4232

**Weight:** 3.2 kg.  
**length:** 370 mm.  
**Width:** 100 mm.  
**W. pressure:** 400 bar.



## HN-9180

**Weight:** 2.98 kg.  
**length:** 360 mm.  
**Width:** 100 mm.  
**W. pressure:** 400 bar.



## H.P.N-4190D

**Weight:** 21.35 kg.  
**length:** 520 mm.  
**Width:** 220 mm.  
**height:** 620 mm.  
**W. pressure:** 400 bar.



## H.P.N-3190D

**Weight:** 17.35 kg.  
**length:** 330 mm.  
**Width:** 180 mm.  
**height:** 620 mm.  
**W. pressure:** 400 bar.



# PUMPS

Hydro Noa's electric pump combines maximum portability without compromises on the actual speed. These models are battery operated by a long lasting battery that allows operating of all Hydro Noa's tools with maximum speed. All pumps functions are being control by a tiny hand controller. These pumps are extremely light weight Vs their power.



## H.E.N-3019

**Weight:** 12 kg.  
**length:** 330 mm.  
**Width:** 190 mm.  
**height:** 340 mm.  
**W. pressure:** 400 bar.

## H.E.N-4019

**Weight:** 15.5 kg.  
**length:** 330 mm.  
**Width:** 190 mm.  
**height:** 350 mm.  
**W. pressure:** 400 bar.



# HASP LOCK BREAKER

The HN-3176 is yet another one of Hydro Noa exclusive cold entry line.

It is designed to rip off the hasp from its anchor (welds or bolts).

It allows security forces and the fire brigades quick and easy opening of doors which are well protected by this lock.

This ultimate solution is most important in cases of flammable or hazard scene or when there is a danger of using explosive or other hot methods.

The device can be operated by means of electric, pneumatic or hand hydraulic pumps.



## HN-3176

**Weight:** 9.5 Kg.

**Dimensions (l x w x h):** 235X100X285 mm.

**Length (closed):** 235 mm.

**Length (opened):** 325 mm.

**Spreading power:** 9,500 kg.



2 Beit Alfa St' Tel-Aviv 67219 Israel. Tel: +972 3 5616257 Fax: +972 3 5616743

[www.hydro.noa.com](http://www.hydro.noa.com) [hydro.noa@zahav.net.il](mailto:hydro.noa@zahav.net.il)



# HYDRO-NOA

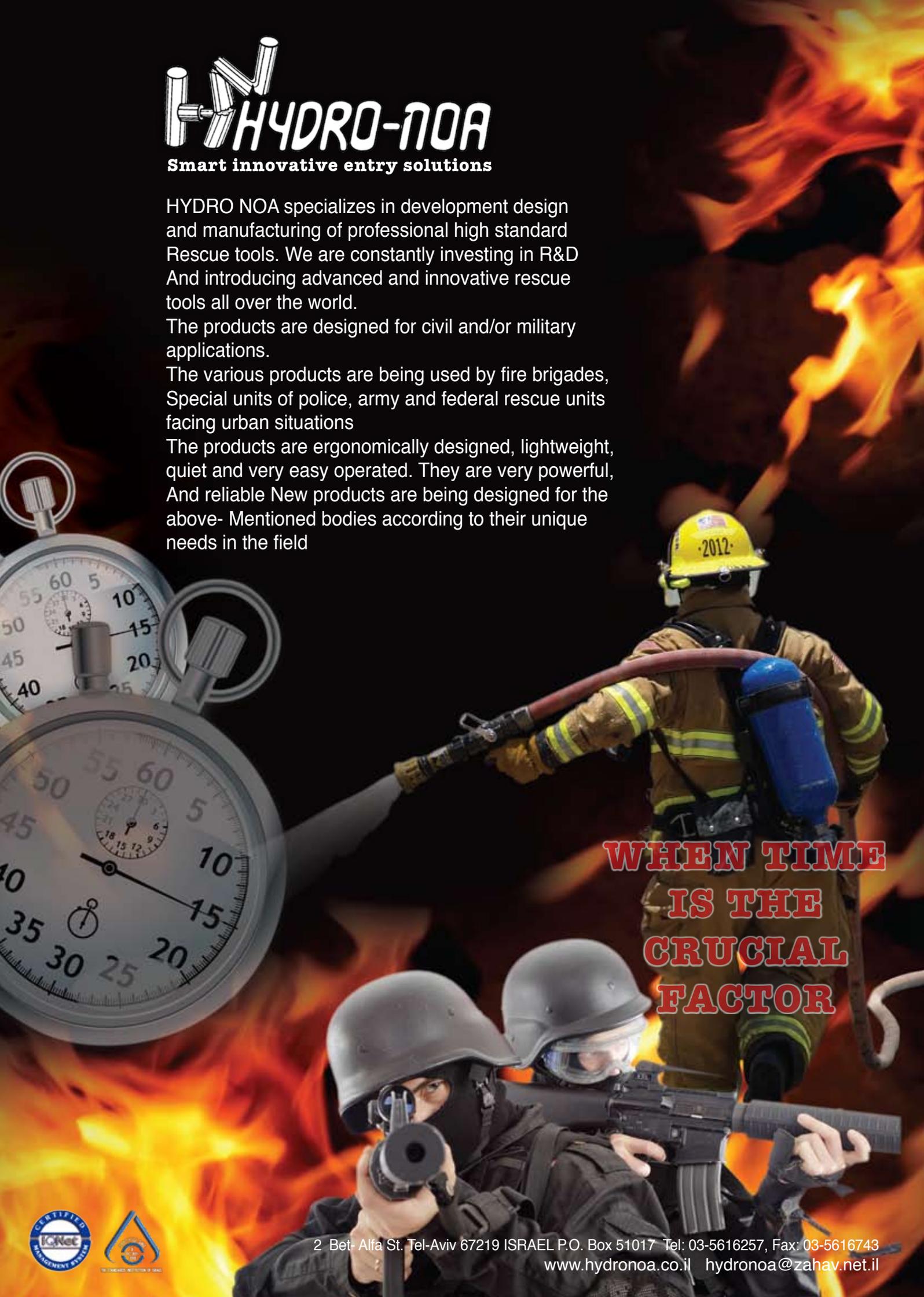
Smart innovative entry solutions

HYDRO NOA specializes in development design and manufacturing of professional high standard Rescue tools. We are constantly investing in R&D And introducing advanced and innovative rescue tools all over the world.

The products are designed for civil and/or military applications.

The various products are being used by fire brigades, Special units of police, army and federal rescue units facing urban situations

The products are ergonomically designed, lightweight, quiet and very easy operated. They are very powerful, And reliable New products are being designed for the above- Mentioned bodies according to their unique needs in the field



**WHEN TIME  
IS THE  
CRUCIAL  
FACTOR**