

# RESCUE MULTI-TOOL KRUG



**ENERPRED**

INDUSTRIAL HYDRAULIC EQUIPMENT



# RESCUE MULTI-TOOL

## UNLIMITED POSSIBILITIES AND COUNTLESS APPLICATIONS

Whether you are rescue services, police officer, Special Forces, or army fighter

No matter where - In the air, at the sea or on the land

If your mission is to save lives and prevent crime



Our hydraulic rescue multifunctional tool is perfect for you

Breaking doors and gates, cutting chains and locks, lifting or moving barriers

**BY USING KRUG NOTHING STANDS IN YOUR WAY**



## **POLICE AND CIVIL PROTECTION**

**BY USING KRUG YOU  
OVERCOME CHALLENGES  
QUICKLY AND EASILY!**

**KRUG** is an ultimate helper for firefighters, police and special task forces.

The multifunctional **TOOL** saves your precious time in emergencies.



If you're firefighter, lifeguard or law enforcement officer, arm yourself properly!

Use **KRUG** in rescue operations in case of fire and car accident.

The Special Forces team's mission is to respond on time to any incidents like barricaded suspects or hostage rescues.

If your duty is saving people's lives and their property in critical situations and high-risk operations, take **KRUG** on your important mission.



**RESCUE  
MULTI-TOOL**

# MILITARY

**There are no rules in crisis areas. Artillery and bombing can destroy buildings. Save your brother in arms or civilians out of broken-down constructions. Make it fast and easy, use **KRUG** on the battlefield.**

**No engine or electric lightning required**

**No battery charger required**

**Just put **KRUG** in APC (armored personnel carrier) and use it when it's necessary**

**KRUG won't let you down!**



## **MULTIFUNCTIONALITY WITH A SINGLE TOOL**

**KRUG** is an extremely reliable and light rescue tool.

The secret of **KRUG's** multifunctionality is its quick-change tips.

**KRUG-1** – RESCUE TOOL WITH 6 CHANGEABLE TIPS  
(SPREADING, PULLING & CUTTING)

**KRUG-2** – RESCUE TOOL WITH 2 CHANGEABLE TIPS  
(SPREADING, PULLING, CUTTING, SQUEEZING)

With changeable nozzles you can cut chains, locks and steel parts. The special door opening nozzles can break doors and windows in case of emergencies, lift loads, while combinational tips turn the rescue tool into a perfect cutter and spreader.



## KRUG-1S. RESCUE MULTI-TOOL WITH 6 CHANGEABLE TIPS



### ADVANTAGES:

- + LIGHT WEIGHT
- + LIGHTNING FAST CHANGEABLE TIPS (Only 3 seconds to change tips)
- + YOU CAN ADD **KRUG-1** TO YOUR EXISTING RESCUE KIT
- + EASY TO CARRY, TRANSPORT AND STORE
- + PERFECT FOR OPERATIONS WITH SCBA (SELF-CONTAINED BREATHING APPARATUS)
- + PERFECT FOR AIRBORNE OPERATIONS
- + PERFECT FOR SPREADING, PULLING & CUTTING
- + PERFECT FOR DIVE OPERATIONS / UNDER WATER USE
- + PERFECT FOR A VARIETY OF APPLICATIONS, RANGING FROM FORCIBLE ENTRY TO
- + EXTRICATION OF PERSONS TRAPPED
- + PERFECT FOR LOW NOISE OPERATIONS
- + PERFECT FOR USE IN THE CONFINED SPACES
- + SELF-CONTAINED - FREEDOM OF MOVEMENT
- + FAST DEPLOYMENT
- + EASY OPERATION: JUST FOLD OUT THE PUMP HANDLE AND START PUMPING

### KRUG-1

TOOL BODY (power module) with  
Integrated 2-stage hand pump



#### Technical data

Working pressure, Bar	700
Oil requirement, cm <sup>3</sup>	230
Temperature range, °C	-45 to +80
Dimensions (BxLxH), mm	94x520x155
Weight, kg	4,7



## LARGE SPREADER RB-310



**ADVANTAGES:**

Lifts and moves barriers. Use it to open car doors, building doors and windows.

In the field conditions you can use it as a hydraulic jack to replace the wheel on a combat vehicle. Non-slip, easy grip on any material.

### Technical data

Spreading force (min. on the end of the tip) (t/kN)	<b>1,3 (12,7)</b>
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Spreading distance, mm	<b>310</b>
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Dimensions (BxLxH), mm	<b>142x354x59</b>
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Weight, kg	<b>4,2</b>
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## SMALL SPREADER R-120



**ADVANTAGES:**

Perfect to use when obstacles have small gap. Perfect for use in the limited space. Very high lifting capacity in compact design.

Use it to lift heavy things, break car doors, building doors and windows in emergency situations . Non-slip, easy grip on any material.

### Technical data

Spreading force (min. on the end of the tip) (t/kN)	<b>3,5 (34,3)</b>
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Spreading distance, mm	<b>120</b>
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Dimensions (BxLxH), mm	<b>83x258x95</b>
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Weight, kg	<b>3,2</b>
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## ANGULAR SPREADER RU-120



**ADVANTAGES:**

This spreader was created to use when obstacles have minimum gap. The impact surface of the spreader allows you to drive it into the minimum gap with a sledgehammer or hammer. Perfect for use in the limited space. Very high lifting capacity in compact design. Use it to lift heavy things, break car doors, building doors and windows in emergency situations. Non-slip, easy grip on any material.

### Technical data

Spreading force (min. on the end of the tip) (t/kN)	<b>3,3 (32,3)</b>
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Spreading distance, mm	<b>120</b>
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Dimensions (BxLxH), mm	<b>68x213x195</b>
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Weight, kg	<b>4</b>
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## CUTTER K-16



### ADVANTAGES:

Cuts bolts, locks, round steel, rebar, chains, pipes, wires, barbed wire, car pedals, head restraints and etc. High cutting capacity in compact design. Perfect for use in the confined spaces. Very light due to compact design.

### Technical data

Cutting force (t/κH)	11,5 (113)
Max. diameter of cutting material, mm	16
Max. cutting opening. mm	25
Max. hardness of cutting material, HB	200
Dimensions (BxLxH), mm	45x194x70
Weight, kg	1,9



### ADVANTAGES:

While the previous CUTTER K-16 offered truly outstanding cutting performance, our SCISSORS TYPE CUTTER N-16 takes one step further. N-16 was designed as a more powerful cutter. More power - more possibilities! Cuts bolts, locks, round steel, rebar, chains, pipes, wires, barbed wire, car pedals, head restraints and etc. With our N-16 you are equipped for all the challenges! Very high cutting capacity in compact design. Perfect for use in the confined spaces.

## SCISSORS TYPE CUTTER N-16

### Technical data

Cutting force (t/κH)	20 (196)
Max. diameter of cutting material, mm	16
Max. hardness of cutting material, HB	200
Dimensions (BxLxH), mm	166x325x100
Weight, kg	4,8



Used as a cutting tool, providing greater cutting capacity. Designed to cut metallic sheets.

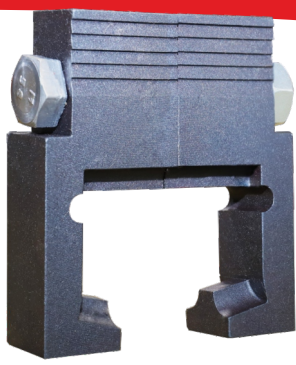
## METAL SHEET CUTTER NL-5

### Technical data

Cutting thickness, mm	5
Hardness of the sheet being cut, max*, HB	156
Material hardness, max, HB	50
Dimensions (BxLxH), mm	53,5x208x144
Weight, kg	3,1







## ATTACHMENT FOR WAGON MOVING NSV

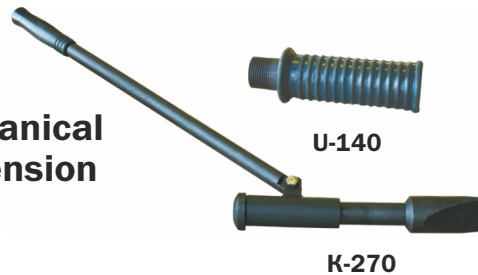
Serves as a lever stop for car breakaway with help of the large spreader (RB-310).

### Technical data

Dimensions (BxLxH), mm	<b>166x325x100</b>
Weight, kg	<b>4,8</b>

## ACCESSORIES KRUG-1S

KRUG-1S set can be equipped with a mechanical wedge K-270 and extension handles U-140 on customer's request.



Model	Name	Weight, kg
U-140	Extension handle	0,3
K-270	Wedge	2,9

## KRUG-2M. RESCUE MULTI-TOOL



### ADVANTAGES:

More power -  
more possibilities!

Lifts and moves obstacles.  
Use it to open vehicle doors,  
building doors and windows.  
In the field conditions you  
can use it as a hydraulic  
jack to replace the wheel  
on a combat vehicle.  
Non-slip, easy grip on any  
material.

Cuts bolts, locks, round steel,  
rebar, chains, pipes, wires  
barbed wire, car pedals,  
head restraints and etc.  
Very high cutting capacity.

### Technical data

Cutting force (t/kN)	<b>29 (284)</b>
Spreading force (min. on the end of the tip) (t/kN)	<b>4,2 (41,2)</b>
Max. squeezing force, ton	<b>5,2</b>
Spreading distance, mm	<b>300</b>
Max. diameter of cutting material, mm	<b>20</b>
Max. hardness of cutting material, HB	<b>200</b>
Dimensions (BxLxH), mm	<b>191x912x243</b>
Weight, kg	<b>15</b>



# **KRUG-2S. RESCUE MULTI-TOOL WITH 2 CHANGEABLE TIPS**



**UNSTOPPABLE FORCE. MORE POSSIBILITIES!  
NOTHING WILL STAND IN YOUR WAY!**

**ADVANTAGES:**

- + Self-contained - freedom of movement without a power unit and hoses
- + Immediately ready for use
- + Easy to carry, transport and store
- + Perfect for spreading, pulling & cutting
- + Perfect for low noise operations
- + Perfect for use in the confined spaces
- + Fast deployment
- + Perfect in rescue work during traffic accidents
- + Perfect in rescue in buildings
- + Perfect for civil protection operations
- + Perfect for equipping rescue helicopters, patrol cars, special forces (SWAT) cars, military high mobility multipurpose wheeled vehicles and APCs

**KRUG-2**

TOOL BODY (power module) with  
Integrated 2-stage hand pump



**Technical data**

Working pressure, Bar	700
Oil requirement, cm <sup>3</sup>	230
Temperature range, °C	-45 to +80
Dimensions (BxLxH), mm	191x549x221
Weight, kg	7,6



## COMBINED ATTACHMENT R-300



### ADVANTAGES:

More power - more possibilities!

Lifts and moves barriers.

Use it to break car doors, building doors and windows in case of emergency. In the field conditions you can use it as a hydraulic jack to replace the wheel on a combat vehicle. Non-slip, easy grip on any material. Cuts bolts, locks, round steel, rebar, chains, pipes, barbed wire, car pedals, head restraints and etc.

Very high cutting capacity.

### Technical data

Cutting force (t/κH)	29 (284)
Spreading force (min. on the end of the tip) (t/κN)	4,2 (41,2)
Max. squeezing force, ton	5,2
Spreading distance, mm	300
Max. diameter of cutting material, mm	20
Max. hardness of cutting material, HB	200
Dimensions (BxLxH), mm	107x413x187
Weight, kg	7,6



### ADVANTAGES:

Cuts bolts, locks, round steel, rebar, chains, pipes, wires, barbed wire, car pedals, head restraints and etc. Very high cutting capacity in compact design.

## CUTTER N-20

### Technical data

Cutting force (t/κH)	29 (284)
Spreading distance, mm	150
Max. diameter of cutting material, mm	30
Dimensions (BxLxH), mm	107x333x187
Weight, kg	6,4



## PISTOL-TYPE HYDRAULIC CUTTER



Handy mini cutter with the high cutting power designed to cut steel, aluminum, copper wires, ropes and bars. Hydraulic shears are indispensable when working in fire-hazardous and hard-to-reach places; The rotating cutting head makes it possible to use it in any position. Independence from external power supplies. Comfortable pistol grip. Ergonomic design.

Model	Capacity, ton	Overcut diameter, mm			Capacity on the handle, kgf	Dimensions (BxLxH), mm	Weight, kg
		Steel	Aluminium/copper	Steel-copper bimetallic wire			
NA 8	2	8	8	-	17	54x267x196	2,0
NA 16	2	8	8/14	16	17	54x287x215	2,25

## STEEL WIRE ROPE CUTTER



Designed for cutting steel ropes, hoses, electric wires and cable with a maximum diameter of 50 mm and can be used during rescue operations, construction works, installation works and other types of work.

Model	Capacity, ton	Stroke, mm	Working oil capacity, cm <sup>3</sup>	Steel rope diameter, mm	Dimensions (BxLxH), mm	Weight, kg	Recommended pump
RT 50	22	55	172	50	148x422x260	12,8	hend pump
RTA 50	22	55	172	50	176x724x260	13,5	built-in



## WHY KRUG?

Ask yourself a question, why **KRUG** is the best?

### 1. KRUG is 6 in 1 MULTI-TOOL

Instead of one standard instrument, you get six different tools at a more attractive price.

### 2. LIGHT WEIGHT AND COMPACT

Every person involved in a rescue or special operation carries a lot of heavy equipment, that's why **ENERPRED** has created lightweight and compact rescue tool. To use **KRUG**, you do not need to have great physical strength. Even civilian, without special training, can easily work with **KRUG**.

### 3. UTILITY, DURABILITY AND SIMPLICITY

With as few parts **KRUG** can be field-stripped and reassembled even by inexperienced militiaman in less than 15 minutes of training. Drag it across the sandy desert, drop it in the muddy swamp, submerge it during a river crossing, and forget to clean it for months — no matter. It can be used even underwater.

### 4. NOTHING ELSE NEEDED

No engine or electric light needed. No battery charger needed. The severe nature dictates special requirements for the tool. The batteries of the emergency rescue tools are quickly discharged, especially in the cold. The users of such tools become dependent on access to electricity to recharge the batteries. Direct sunlight can be dangerous for batteries;. Gasoline for pump stations, maintenance of the internal combustion engine, all this requires additional resources and time. To use **KRUG** you only need **KRUG!**



**JUST USE IT!**

**YOU MAY NOT GET A SECOND CHANCE!**





Enerpred has been awarded with **Diploma of The Ministry of the Russian Federation for Civil Defence, Emergencies and Elimination of Consequences of Natural Disasters** has been awarded for the best hydraulic rescue tool **(KRUG)**.

Our multi-tool **KRUG** also has won a prestigious “Russian's TOP 100 Best Products” competition.





# ENERPRED

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