

# ICEMAK



[www.icemak.mk](http://www.icemak.mk)

## LESS LETHAL WEAPONS & EQUIPMENT

# WHO WE ARE

## ICEMAK LTD

ICEMAK Ltd export-import Skopje is family-owned company, owned by the family Anchovski, and continues to be managed by the descendants of the founder and current co-owner, Mr. Doncho Anchovski. The Company is managed on a long-term basis to maintain enduring profitable growth.

The company ICEMAK was established in 2004. The construction of the plant started in 2006 and already in 2008, the factory was built and ICEMAK obtained all necessary production licenses from the Government of the then Republic of Macedonia.

At the very beginning, in 2008, the company started with production of weather modification products, i.e. production of pyrotechnics for anti-hail missiles, and already in 2010 the factory was equipped with a plant for production of the irritating non-lethal ammunition. In 2012, the company receives a license from the Government of the Republic of Macedonia for import, export and brokerage with all kinds of Weapons and Military Equipment.

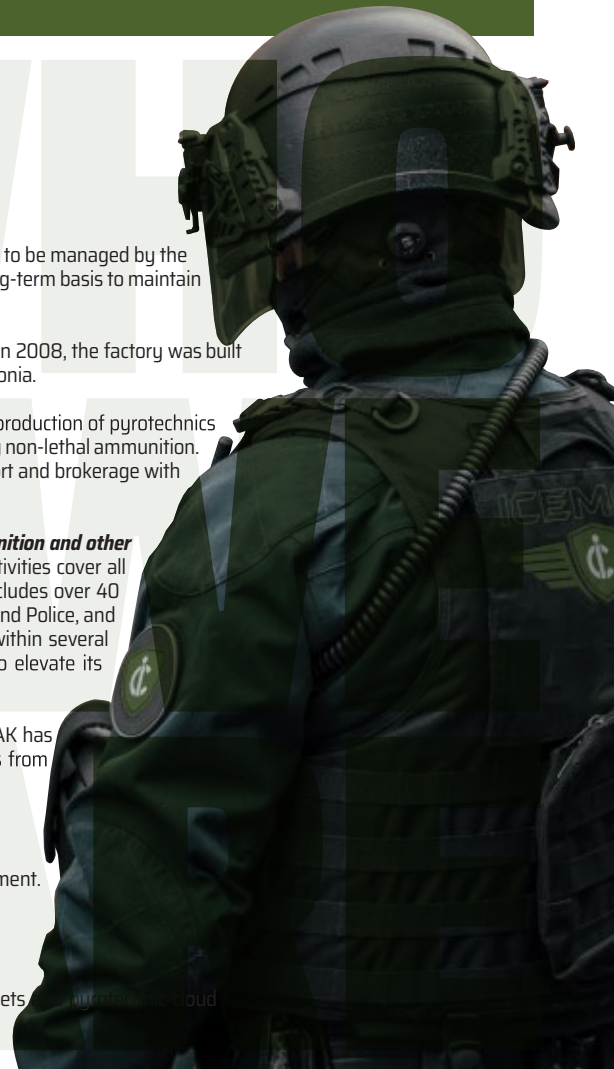
ICEMAK currently operates in three fields. The first and main activity is the production of **non-lethal ammunition and other pyrotechnics**, designed for the needs of the modern Police units and Armies around the world. ICEMAK activities cover all aspects, from product design to production, including supply, transport and support. ICEMAK's portfolio includes over 40 products which have been researched and developed at its own plant, approved by the Macedonian Army and Police, and have applicability to the peace forces of the United Nations, and various other Armed and Police forces within several regions of the world. ICEMAK has partnered with some of the most respected firms around the world to elevate its expertise and bring to its customers every element of success to one place.

The second field is **import, export and brokerage** with all kinds of Weapons and Military Equipment. ICEMAK has good cooperation with producers and suppliers in the field of the production of arms and dual use goods from Bulgaria, Ukraine, Russia, Czech Republic, Republic of Slovakia, Serbia, Hungary, Romania, Poland etc.

ICEMAK Ltd is specialized in the following activities:

- Import/Export and trade of all types of conventional Weapons, Ammunition, military and dual use equipment.
- Supply of Spare parts for military equipment.
- Technical Assistance
- Logistic Assistance

The third field is production of pyrotechnics for **weather modification**. ICEMAK manufactures anti-hail rockets, seeding flares for hail suppression, rain enhancement and snowpack augmentation.



# SINGLE SHOT

## Anti Riot Gun

*Rugged and reliable launcher designed to fire all 37/38mm rounds. The single shot riot gun is equipped with a trigger lock for safety and a barrel release latch that can be operated from both sides of the launcher. Equipped with folding stock made of advanced polymer materials as well as an ergonomic grip.*



|          |                 |
|----------|-----------------|
| Caliber  | 37/38mm OR 40mm |
| Capacity | 1 Round         |
| Lenght   | 75.5-85.5cm     |
| Weight   | 2.4Kg           |

# MULTI SHOT

## Anti Riot Gun

*The multi shot anti riot gun can be loaded with 6 units of 37/38mm rounds . It is compatible to be used with the full range of ICEMAK made 37/38mm rounds. The multi shot anti riot gun is equipped with a trigger lock for safety and a barrel release latch that can be operated from both sides of the launcher. Equipped with a stock made of advanced polymer materials as well as an ergonomic grip.*



|          |             |
|----------|-------------|
| Caliber  | 37/38mm     |
| Capacity | 6 Round     |
| Lenght   | 81.5-91.5cm |
| Weight   | 4.5Kg       |




# PROTECTOR JET<sup>®</sup>

## Model 5



*The only real Anti-Mob tear gas ejector weapon, suitable for Indoor and Outdoor use. The Protectojet Model-5 can be used as an Offensive or Defensive device, capable of affecting a large group of aggressors, within few seconds, from a distance of up to 45 meters. The Protectojet Model-5 contains CS or OC formulation. Since its introduction to the market, Protectojet Model-5 has been in extensive operational use with many police forces, anti terror units, military forces and prison authorities in the USA and in Europe. It is a highly versatile device that can be used in diverse operational environments.*

### The new Model-5 Protectojet includes:

-  Improved Safety mechanism integrated in the operator handle
-  Ergonomic grips and improved carrier sling for comfort and durability
-  Optional Integrated Tactical Flashlight

*Each Protectojet  
is refillable using  
Refilling kits  
(sold separately)*

# Key Benefits of **PROTECTOJET® MODEL 5**



## **TARGETING**

Narrow fog stream enables selective targeting of specific individuals or Mob leaders

## **EFFECTIVE**

Covers large distances and large groups of aggressors

## **EFFICIENT**

Reduces the need to use indiscriminate force against the whole rioting group

## **FAST**

Quick bursts can stop riots in seconds

## **DEFENSIVE USE**

Highly effective as a defensive device for both police force and correctional facility staff

## **OFFENSIVE USE**

Suitable for hostage situations and counter terror scenarios

# RAYGUN

## Ultra High Intensity light beam gun

### RAYGUN Non-Lethal Device:

*The RAY-GUN beam may be used during the day and at night, as a **light-based non-lethal weapon**. In steady spotlight or strobe mode, the unit delivers an intense white light beam. When aimed at the target's eyes; the subject will immediately sense an overload of his optical network. As a result, the targeted subject is safely and painlessly distracted, disoriented, or otherwise incapacitated, and may be apprehended with relative ease.*

*The RAY-GUN is a portable ultra high intensity searchlight, designed for exceptionally long range illumination of over 2 miles (3.5 km).*

*The RAY-GUN unit is made of exceptionally strong glass-filled nylon, to **battlefield standards**. Its pistol shape is easy to hold and is ergonomically designed to feel familiar to most operators, providing an intuitive user experience. An attached shoulder sling makes for comfortable and easy carrying of the unit and its battery pack.*

*The unit is compact, water resistant and weighs only 8.5 lbs (3.9 kg), making it very lightweight for such a high performance searchlight.*

*The Ultra High Intensity searchlight unit is ideal for the following applications*

- **Riot Control**
- **Police and Law Enforcement**
- **Sniper Suppression**
- **Military Searchlight**
- **Border Patrol**
- **Search and Rescue**





# RAYGUN

Ultra High Intensity light beam gun

## TECHNICAL SPECIFICATION

| ITEM            | DATA                      |
|-----------------|---------------------------|
| Light Intensity | 11 million candela (peak) |

### Light Source and Colour

|                    |                           |
|--------------------|---------------------------|
| Source             | 175W short arc xenon bulb |
| Colour Temperature | 5900Kelvin                |

### Beam Divergence

|            |    |
|------------|----|
| Spot Mode  | 2° |
| Flood Mode | 6° |

### Power Supply

|                     |                                    |
|---------------------|------------------------------------|
| Input Voltage Range | 12 - 30 VDC, 230W (input max imum) |
| Current Rating      | 16A (min)                          |

### Battery

|              |                                    |
|--------------|------------------------------------|
| Battery Type | 12 - 30 VDC, 230W (input max imum) |
|--------------|------------------------------------|

### Operating

|                               |                                 |
|-------------------------------|---------------------------------|
| Charging                      | 0° to +45°C / +32°F to +113°F   |
| Discharging                   | -20° to +60°C / -68°F to +140°F |
| Storage (longer than 2 weeks) | -20° to +45°C / -68°F to +113°F |

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### Battery Life (per cycle) at 23°C / 73°F

|                      |                   |
|----------------------|-------------------|
| Continuous High Beam | 100 min           |
| Continuous Low Beam  | 180 min           |
| Strobe Beam          | 210 min           |
| Recharge Time        | 5 hours (approx.) |

### Weight

|                  |                 |
|------------------|-----------------|
| Light Unit       | 8.6 lbs / 3.9kg |
| Battery and West | 7.7 lbs / 3.5kg |

### Dimensions: Light Unit

|                     |                  |
|---------------------|------------------|
| Length (floor mode) | 16.1 in / 410 mm |
| Length (spot mode)  | 19.7 in / 500 mm |
| Height              | 11.8 in / 300 mm |
| Diameter (top body) | 4.1 in / 104 mm  |

### Battery Charger

|                |                    |
|----------------|--------------------|
| Input Voltage  | 100-240VAC 50-60Hz |
| Output Current | 25.5VCD at 4A      |



Please note that the technical specifications and product pictures are generally informative and may not be completely identical to the actual product! Please make sure to specify all parameters with our specialists.



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## Riot Shield

*Polycarbonate material for strength and superior see-through optical quality*



## Batons

*Selection of law enforcement and correctional batons and related accessories.*

- Rubber with fiber core
- Side Hand Polycarbonate Baton
- Expendable Batons



## Handcuffs

*Range of Handcuffs and restraints suitable for law enforcement and correctional use:*

- Chained Handcuffs
- Hinged Handcuffs
- Rigid Handcuffs



# RIOT HELMET

*The TRX anti Riot Helmet is designed to provide protection against impacts, liquids and ignited Substances for use by Police, Prison and Security Services. This helmet offers state-of-the-art head protection and features an extra wide EVA foam pad that protects the wearer on the neck and shoulder area, yet is flexible enough to allow easy head movement.*








# TACTICAL Gas Masks

*These new Tactical Gas Masks were developed specifically for officers during tactical deployment and crowd management situations for protection against NBC and riot control agents including CS, CN and OC.*

*The unique mask design delivers an extra widefield of vision combined with great comfort and flexibility. The Mask has a 180 degree peripheral Viewing area, and is coated to absorb ultra violet rays. The Face Seal is soft and has a Spring Effect designed in the S Shape rubber seal. This allows the mask to be worn for extended time of up to 120 hours.*



-  *Side location of filter allows a more comfortable aiming of a gun in tactical situations.*
-  *Silicone face seal (excellent for long period use)*
-  *Drinking device option*
-  *Microphone connection option*
-  *Optical lenses support*

# Gas Mask **FILTER**

*The Gas Mask filter canister was developed to provide protection against all known NBC agents in the form of vapors and aerosols. The Gas Mask Filter is a robust durable canister intended for military and civil defense use. It is specially designed for comfort and extended use at a minimal physiological load, having low breathing resistance and low weight. The filter is supplied with a standard NATO thread (40 mm x 1/7") and is thus compatible with almost all military and industrial respirators. The filters are supplied sealed with leakproof plastic caps, assuring a shelf life exceeding 15 years.*

## Typical Performance Characteristics

Weight: 228g (w/o caps)

Diameter: 106mm

Height: 75mm

Air flow resistance: 14 mm water gauge at a flow of 30 lpm

Aerosol penetration: <0.01%

CK gas life: 100 minutes (at a flow of 30 lpm and inlet concentration of 2.4 mg/lit)

DMMP gas life: 250 minutes (at a flow of 30 lpm and inlet concentration of 3.0 mg/lit)

Charcoal: ASC 12x30 complying with Mil-C-13724D

Filter medium: Glass fiber HEPA media complying with ASME AG-1 Section FC-1



## 8" WATERPROOF TacX Boot



## 8" WATERPROOF EXO Boot



|                     |   |
|---------------------|---|
| Height              | 8"  |
| Sole Pattern        | Vibram® Ananasi   |
| Upper               | Black Full Grain Aniline Leather and SuperFabric®             |
| Lining              | Dual-Zone Wicking and Breathable Air Mesh                     |
| Outsole             | Slip, Acid and Oil Resistant, Non Marking Rubber              |
| Midsole             | Molded EVA  |
| Removable Innersole | Patent Pending Double Density EVA with multi-port ventilation |

- Tongue Lace Guard
- Molded Resin and Nylon Speed Laces

|                     |  |
|---------------------|--|
| Height              | 8"   |
| Sole Pattern        | Lug  |
| Upper               | Full Grain Leather                               |
| Lining              | Dual-Zone Wicking and Breathable Air Mesh        |
| Outsole             | Slip, Acid and Oil Resistant, Non Marking Rubber |
| Midsole             | Molded EVA with Moisture Wicking Top Liner       |
| Removable Innersole | Anatomically Molded EVA with Shock Pads          |

- Molded Resin and Nylon Laces
- Non-Metallic Boot      Medial Side Ventilation Screen



# MOLLE POUCHES



*M16/M4 Mag pouch  
(Holds 2 Mags)*



*M4/M16 Double Mag  
Pouch (Holds 4 Mags)*



*M16/M4 Mag pouch  
(Holds 2 Mags)*



*AK-47 Mag Pouch -  
(holds 4 Mags)*



*Double Pistol Mag  
pouch*



*Gas Mask pouch*



*Hydration carrier bag*



*Shotgun Ammo pouch*



*Radio pouch)*



*Single flash  
bang pouch*



*Double Flash  
Bang pouch*



*40mm rounds pouch*



*Double Smoke  
grenade pouch*



*Fold-Up Dump  
Bag pouch*



*Fold Out Utility  
pouch*



*Fold Out Medic  
pouch*



*Single Smoke  
Grenade pouch*



*Double Grenade  
pouch*



*Police Radio  
pouch*



*Cuff pouch*



*Commander  
pouch*



*GPS pouch*

# MOUNTED POLICE HORSE PROTECTION

*This line of horse protective equipment is designed for use in riot control assignments. Police Horses have shown to be very effective in riot control operations. However, they are exposed to injuries from stones, bottles, sticks and other hard objects that can hit, distress and injure the horse.*



*The Horse riot protection equipment set:*

- **Protective Blanket**
- **Chest Plate**
- **Front Leg Guard**
- **Back Leg Guard**
- **Nose Guard with Visor**



Please note that the technical specifications and product pictures are generally informative and may not be completely identical to the actual product! Please make sure to specify all parameters with our specialists.



# ICEMAK

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