



# **MV-2**

## **COMPACT EOD ROBOTIC SYSTEM**



DOK-ING is a 100% privately owned Croatian company, manufacturer of remotely controlled systems for special purposes.

Founded in 1991, DOK-ING gathered vast experience in demining in Croatia and abroad. Today, DOK-ING has more than **350 systems** delivered, for different tasks, applications and customers, to over **40 countries** around the world.

Since our mission says that “through **innovation in robotics** we strive to save human lives”, DOK-ING’s goal is to lead the way in the design and application of robotic solutions for hazardous, dangerous and harmful environments.

Working closely with our partners worldwide, we develop new robotic solutions as an answer to continuously developing threats, in both humanitarian and combat environment.

MV-2 Honey Badger is a new addition to DOK-ING’s remotely controlled robotic system product line.

It was developed by DOK-ING’s team of engineers, using both, DOK-ING’s 20 years’ experience in mine action operations and requirements of various military engineering units.

The Honey Badger’s small dimensions, great power and manoeuvrability makes it perfect for use in harsh terrains with difficult access. Its light weight makes it a logistic friendly system. MV-2 can easily be transported by land, sea and air, using various means of transportation, from a simple pick-up truck to military rotary wings.

As with all DOK-ING systems, the MV-2 Honey Badger gives the user various tool attachment options. From landmine clearance tools, EOD and C-IED tools, to commercially available skid steer tools.

Service and maintenance access is given special attention during the MV-2 Honey Badger design. DOK-ING has designed the hull openings and various access points to make it as maintenance friendly as possible.

## MV-2 Mission

- Humanitarian demining
- Military mine / area clearance
- C-IED tasks
- EOD tasks
- Route clearance
- Mobility Assurance
- Digging tasks
- Deep interrogation tasks
- Reconnaissance tasks
- Breaching tasks
- Counter mobility
- Combat survey



### Flail/Tiller

- Rotational demining tool
- Resistant knives on tiller
- Explosion resistant design
- Used for mine neutralization, removal of metal contamination, debris, boulders, rubble



### Gripper

- Heavy duty object handling tool
- Removing obstacles
- Breaching & cutting capability



### Robotic arm

- Deep interrogation tasks
- Disrupting IED's
- Manipulation with ERW's, IED's, UXO's
- Detector mounting capable
- 360° rotation



### Commercial skid steer tools:

- Backhoes with various attachments
- Blades for road cleaning, material handling, mobility assurance
- Augers for counter-mobility operations
- Brooms for cleaning operations
- Loaders for material handling or earth moving operations
- Hammers for breaching and area clearance tasks
- Material handling arms for logistic purposes and HAZMAT handling
- Mulchers for terrain preparation
- Saws for area vegetation clearance
- Trenchers for cable laying operations
- Cutters for rescue and C-IED operations
- Buckets for construction and trenching operations
- Forklifts for logistic purposes and HAZMAT handling

# AFTER SALES support

## Easy transport

- Simple and inexpensive
- Can be loaded onto an ordinary truck, car hauler trailer or tractor-trailer
- No need for special permits or police escort
- Can be loaded into 20ft container
- Can be transported via helicopter inside cargo compartment or by use of lifting points

## Training

- DOK-ING provides Customer focused comprehensive training course in many languages
- Training is conducted in both theory and practice
- Provided for operators, mechanics and electricians
- The course runs 2 to 3 weeks after which you are certified to work with MV-2

## Maintenance

- Easily accessible parts and systems for maintenance and inspection
- Can be carried out in a field or in a workshop
- DOK-ING always maintains adequate stock of spare parts
- Rapid response technical team available, acts on short notice worldwide



## MV-2 Features

- Original design
- Based on extensive experience and study of user needs
- Same toughness as all DOK-ING products
- Designed for harsh terrain
- Exchangeable tools
- Multifunctionality
- Remotely operated
- Safe and simple to use
- Only one operator required
- Easy transport



**MV-2 TECHNICAL CHARACTERISTICS**

<b>Driving speed</b>	8 km/h
<b>Demining capacity</b>	750-1500 m <sup>2</sup> /h
<b>Operating speed</b>	0.5 to 1.5 km/h
<b>Maximum climb slope while operating</b>	30°
<b>Maximum descending slope while operating</b>	30°
<b>Maximum traversing slope while operating</b>	30°
<b>Weight (prime mover with steel tracks)</b>	2000 kg
<b>Transportability</b>	20 ft container, trailer, pick-up truck & military rotary wings
<b>Lenght (prime mover)</b>	2715 mm
<b>Width (prime mover with steel tracks)</b>	1280 mm
<b>Height</b>	1315 mm
<b>Ground bearing pressure</b>	0,25 kg/cm <sup>2</sup>
<b>Engine power at the flywheel</b>	62 kW
<b>Fuel consumption</b>	7-10 l/h
<b>Fuel tank capacity</b>	70 l
<b>Clearance width</b>	1350 mm

