

**COMPACT
EOD
ROBOTIC
SYSTEM**

POWER IN A
COMPACT
SIZE

MV-2



**HONEY
BADGER**

DON'T SEND A MAN
TO DO A MACHINE'S JOB

MV-2 at glance

POWER IN A COMPACT SIZE

The MV-2 is designed and developed as an answer to continuously developing threats, in both humanitarian and combat environments. Based on extensive experience and study of DOK-ING partners' needs worldwide, its features merge small dimensions, great power and maneuverability which makes MV-2 a perfect system for use in harsh terrains with difficult access.



REMOTE CONTROL CAPABILITY
• Operational range up to 1500m

AIR AND ROAD TRANSPORTABLE
• Sling load capable
• Tie down points

SITUATIONAL AWARENESS
• Advanced video system

DAY/NIGHT OPERATION
• Lights
• Low light cameras
• IR light

EXTENDED EOD CAPABILITIES
• Manipulation
• Interrogation
• Cutting
• Device Defeat

FAST TOOL EXCHANGE
• Quick coupler

SELF-RECOVERY CAPABILITY
• Winch

FULL BODY PROTECTION
• Hardox 450

OFF/ON ROAD MOBILITY
• Rubber tracks
• Optional steel tracks

MULTI-MISSION CAPABILITY
• Front exchangeable tools

LOW RUNNING COST

Service and maintenance are given special attention during the MV-2 design. With its hull openings and various access points, MV-2 is constructed to provide the maintenance as friendly as possible and, thus, support low running cost as an added benefit to end-users.

Multifunctionality

APPLICATIONS

Mechanical Ground Preparation & Demining

Mechanical Tehnical Survey & Clearance

Deep Interrogation Tasks

Mobility / Counter Mobility

Reconnaissance & Surveillance Tasks



Digging Tasks

Route Clearance

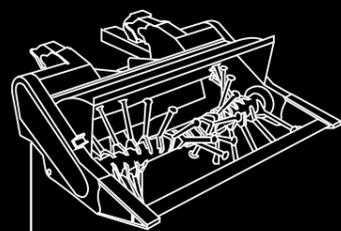
Breaching Tasks

EOD Tasks in C-IED

General C-IED Tasks

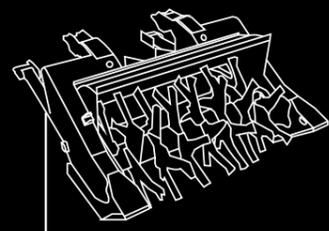
Mission-oriented engineering platform

Prime mover and various exchangeable tools



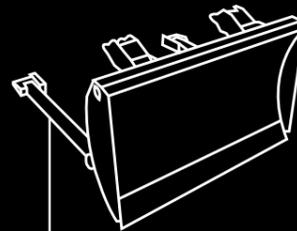
Flail

Purpose: Area/mine clearance, neutralization of AP landmines and UXOs
Clearance width: 1300 mm
Clearance depth: Up to 160 mm



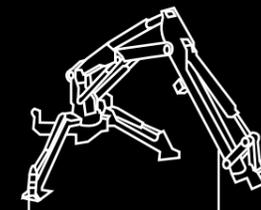
Tiller

Purpose: Area/mine clearance, neutralization of AP landmines and UXOs
Clearance width: 1300 mm
Clearance depth: Up to 160 mm



Dozer Blade

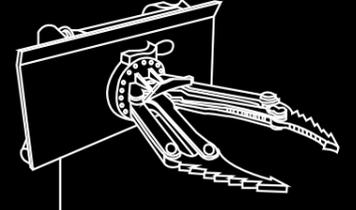
Purpose: Earth moving, breaching, mobile cover
Pushing capacity: 2 t



CLAW BUCKET HYDRAULIC CUTTER

EOD Arm

Purpose: Handling dangerous objects, deep interrogation, digging, cutting
Lifting capacity: 200 kg
Length: Up to 3 m



Rotational Gripper

Purpose: Breaching, removal of obstacles, earth moving, pushing
Lifting capacity: 700 kg
Pushing capacity: 2 t

After sales

LOGISTICS, MAINTENANCE AND SUPPORT

The MV-2 can be easily moved by different means of transportation in a simple and inexpensive way and without need for special permits or escort.

Air Delivery by helicopter inside cargo compartment or by use of lifting points

Water A standard 20' GP container is ideal for delivery by sea

Land Delivery by an ordinary truck, car hauler trailer or tractor-trailer



To facilitate end users effective and uninterrupted use of MV-2, DOK-ING provides the following services.

Training Specialized comprehensive training course for operators, mechanics and electricians delivered by highly experienced trainers in several languages and according to training plan and program

Mentoring / Supervision Ability to provide service/personnel to facilitate day-to-day operation of the MV-2

Maintenance Supply of spare parts adequate stock and availability of rapidly responsive technical team worldwide



DOK-ING Ltd. general info

DOK-ING is an international market leader with its headquarter in Croatia, EU. We design, produce and deliver high quality and combat proven robotic systems for special purposes around the world. Experience gathered through more than 30 years of operational feedback is constantly being built into our products. We are not only the producer, but also the user of our own systems.

DOK-ING also provides training by highly skilled

professionals who are transferring their field knowledge through systematic and well planned training sessions.

Great knowledge, experience, innovative and purpose-made systems and technologies enable us to be customer-oriented company with flexible approach to end user requirements in order to help solving real environmental problems.

DOK-ING BUSINESS

PRODUCTS

- MILITARY ENGINEERING
- EMERGENCY RESPONSE
- UNDERGROUND MINING
- COUNTER TERRORISM

SERVICES

DEVELOPMENT

- NEW PRODUCTS
- EXISTING PRODUCTS UPGRADE AND OPTIMISATION

MINE ACTION SERVICES

- MECHANICAL DEMINING AND GROUND PREPARATION
- BAC
- EOD
- MECHANICAL TECHNICAL SURVEY AND CLEARANCE

AFTER SALES SUPPORT

- SPARE PARTS DISTRIBUTION
- MAINTENANCE
- SUPERVISION
- TRAINING
- LIFE CYCLE EXTENSION

LOCAL START – GLOBAL REACH NO. OF DELIVERED SYSTEMS

- NORTH AMERICA – 145
- SOUTH AMERICA – 10
- EUROPE – 65
- ASIA – 72
- AFRICA – 59
- AUSTRALIA – 9

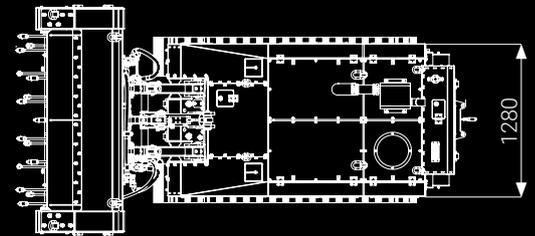
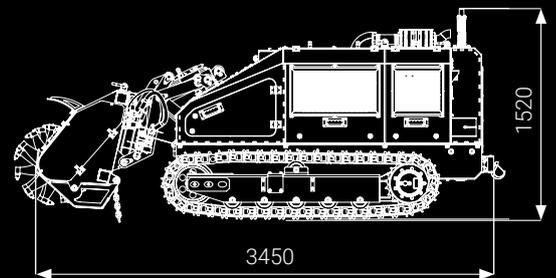
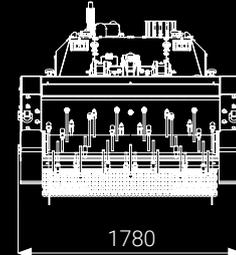
DOK-ING MANUFACTURES, DEVELOPS AND PROVIDES ROBOTIC SOLUTIONS FOR SPECIAL PURPOSES IN THE GLOBAL MARKET.

PRESENT IN MORE THAN **40** COUNTRIES WORLDWIDE



MV-2 TECHNICAL CHARACTERISTICS
Dimensional data*

Length	3450 mm
Width	1780 mm
Height	1520 mm
Weight	2900 kg
Engine type	Hatz
Engine power	55 kW / 75 HP
Engine torque	260 Nm @ 1600 rpm
Fuel consumption	8 - 12 l/h
Demining capacity	Up to 1150 m ² /h
Ground pressure	0,3 kg/cm ²
Transport speed	5 km/h
Operational speed	0,5 - 1.5 km/h
Longitudinal gradeability**	40°
Side slope capability**	30°
Fording depth	16 cm



*Standard configuration with tiller tool

** Depending on the ground



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R&TTE Directive 1999/5/EC, EMC Directive 2004/108/EC,
 Low Voltage Directive 2006/95/EC, Machinery Directive 2006/42/EC
 Other references: IMAS-09.50, CWA 15044:2009, CWA 15832:2008