

COUNTER TERRORISM ROBOTIC SYSTEM

TACTICAL ADVANTAGE
THROUGH
PROTECTION AND
MOBILITY

MV-3



HYSTRIX

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

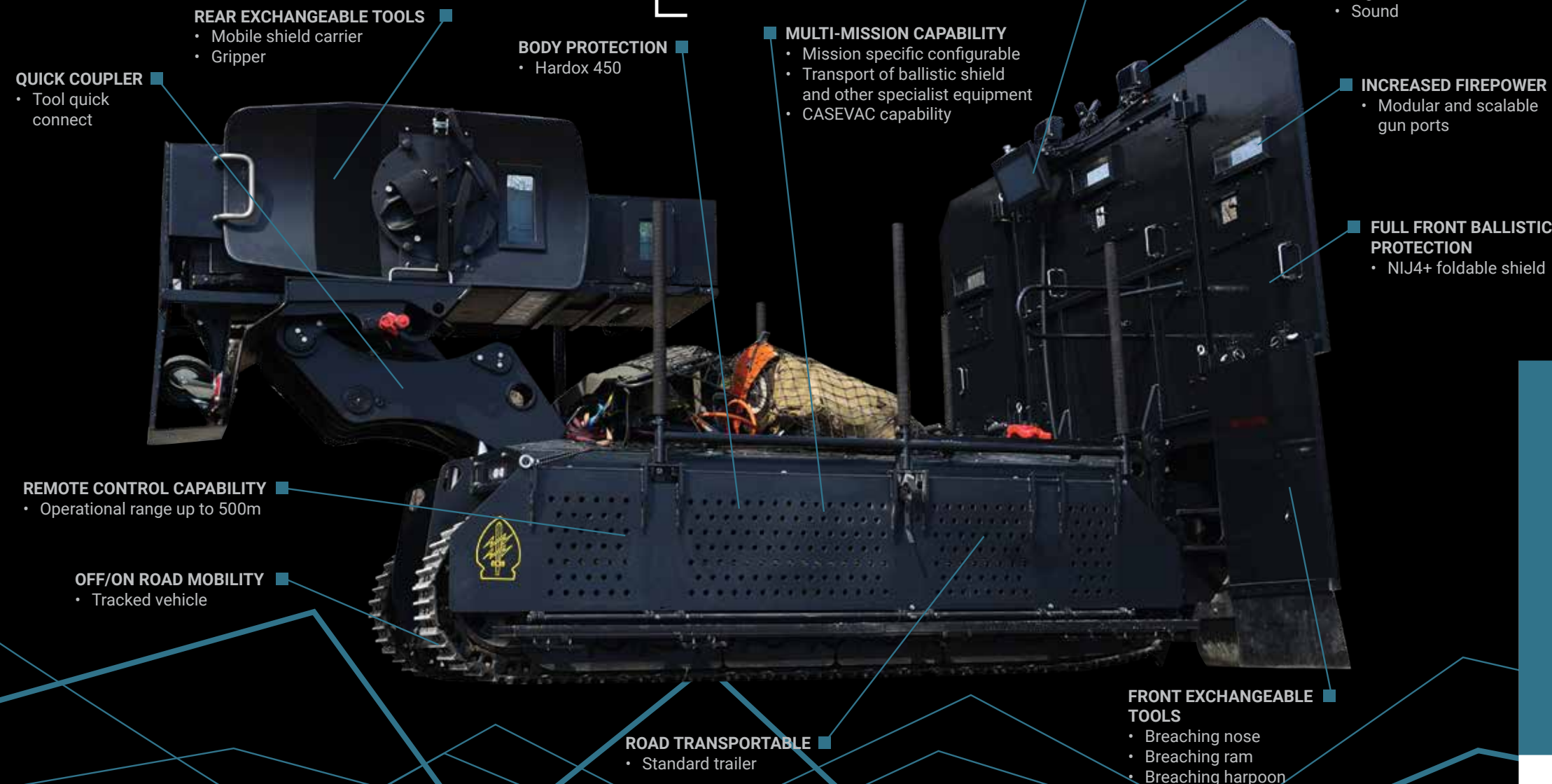
MV-3 at glance

TACTICAL ADVANTAGE THROUGH PROTECTION & MOBILITY

The MV-3 is a multi-mission vehicle intended for support in counter terrorism, hostage and other crisis tasks and missions. Counter terrorism interventions pose significant threats to tactical teams due to limitations of personal ballistic protection. MV-3 gives the tactical team possibility to use the system with or without the tactical team, which allows the flexibility and modular approach without necessity to put tactical members in harm's way.



DOK-ING MV-3 / 03



SUITABLE FOR INDOOR & OUTDOOR OPERATIONS

The MV-3 is intended to be used by police and military special force for indoor and outdoor operations. The vehicle can be quickly adapted to various tasks, e.g. foldable ballistic shields and interchangeable tools enable easier and faster approach to operational area.

Multifunctionality

APPLICATIONS

Possible Tactical Utility without Tactical Team

- Breaching and Dynamic Entry
- Activities in EOD and CBRN Threat Areas
- Full Situational Awareness (video, audio, detection, etc.)
- Transport and Equipment Delivery

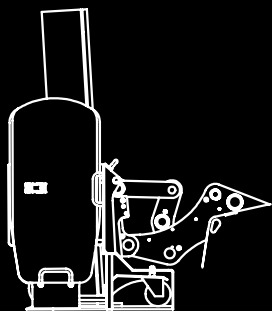


Possible Tactical Utility with Tactical Team

- Ballistic Protection of Tactical Teams
- Increased Fire Power
- CASEVAC (Casualty Evacuation) Capability
- Transport of Ballistic Shields and Other Specialist Equipment
- Obstacle Clearance and Removal of Suspicious and Dangerous Objects
- Dynamic Entry and Clearance
- Situational Awareness (detection, video, audio, etc.)

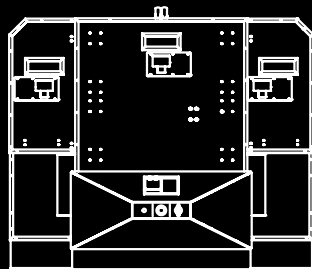
Mission configurable platform

Selection of various mission-oriented tools



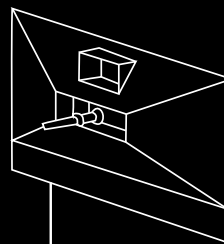
Detachable Mobile Shield

Purpose: Protection and mobility of tactical teams
Attachment: Quick release system



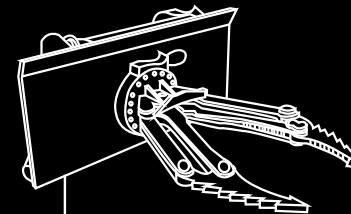
Front Foldable Shield

Purpose: Full front ballistic protection of tactical team
Level of protection: NIJ4+
Available capabilities: 3 modular and scalable gun ports, video cameras, ballistic visors, lights



Front Exchangeable Breaching Tools

Purpose: The tactical teams easier and faster approach to operational areas
Level of protection: NIJ4+
Available quick exchangeable tools: Breaching nose, breaching ram, breaching harpoon
Available capabilities: Lights, video camera



Rotational Gripper

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

After sales

LOGISTICS, TRAINING AND MAINTENANCE

The MV-3 can be easily moved by different means of transportation.

Land The most frequent transportation type is by road and it can be loaded on an ordinary truck, car hauler trailer or tractor-trailer

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



To facilitate end users effective and uninterrupted use of MV-3, 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-3

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

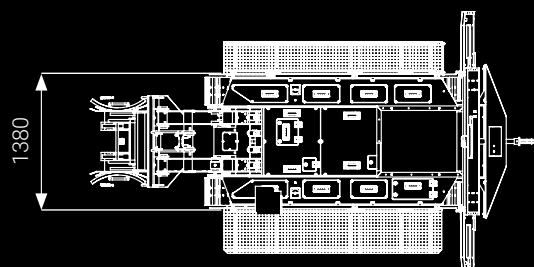
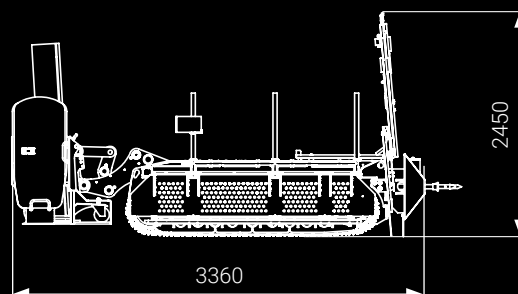
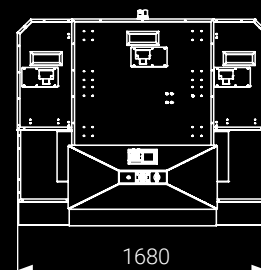
MV-3 TECHNICAL CHARACTERISTICS

Dimensional data*

Length	3360 mm
Width	1680 mm
Height	2450 mm
Weight	3850 kg
Engine type	Deutz
Engine power	66 kW / 88 hp @ 2800 rpm
Engine torque	260 Nm @ 1500 rpm
Fuel consumption	6-12 l/h
Demining capacity	Level IV
Ground pressure	0,3 kg/cm ²
Transport speed	13 cm
Operational speed	5 km/h
Longitudinal gradeability**	30°
Side slope capability**	20°
Fording depth	25 cm

* Standard configuration with detachable mobile shield and front foldable shield

** 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