

# Specifications

## General

Maximum target speed	50 km/h
Operating temperature range	-30 °C to +40 °C (extended range available)
Maximum track length (two bidirectional tracks)	up to 2 x 1 500 m
Maximum track length (four unidirectional tracks)	up to 4 x 1 500 m
Diesel motor power	45 kW

## Operational modes

Mode A: 2 bidirectional tracks, each capable of single or double targets
Mode B: 1 bidirectional, 2 unidirectional tracks, each capable of single or double targets (total of 4 targets)
Mode C: 4 unidirectional tracks, each capable of running single/double targets (total of 4 targets)

## Trailer

Length	6 520 mm
Width	2 540 mm
Height	972 mm
Weight	1 240 kg

## Container

Very robust, designed for snowy, humid, and dusty environments, ncluding storage for all accessories	
Size	Standard 20 ft

## Operating unit

The operating unit provides the possibility to use mains power, instead of running the motor/generator

Length	4 800 mm
Width	1 800 mm
Height (without antenna mounted)	1 000 mm
Height (with antenna mounted)	3 400 mm
Weight	3 920 kg
Maximum rope length per winch	1 500 m
Power outputs	230 VAC 60 Hz, 3x400 VAC 60 Hz

## Accessories

All accessories to build the track are included in the delivery, including different types of ground anchors and installation tools, the pulley units and earthing anchors. Spare parts kit is supplied on request.



Box 42, SE-343 21 Almhult, Sweden. Tel +46 476 559 50.  
mail@mseab.se - www.mseab.com

# LIMO Mobile Ground Moving Target System



## Realistic Gunnery and Tactical Training

LIMO is a Mobile Ground Moving Target System, used for ground-to-ground and air-to-ground live fire training. Thanks to the flexibility of the system, the most realistic scenarios can be built virtually anywhere. To change the shape of the target tracks is made within minutes, giving the opportunity to always provide new and challenging scenarios. The total life cycle cost of LIMO is kept to a minimum, as well as the environmental impact, as no fixed installations are required.





# Training with value

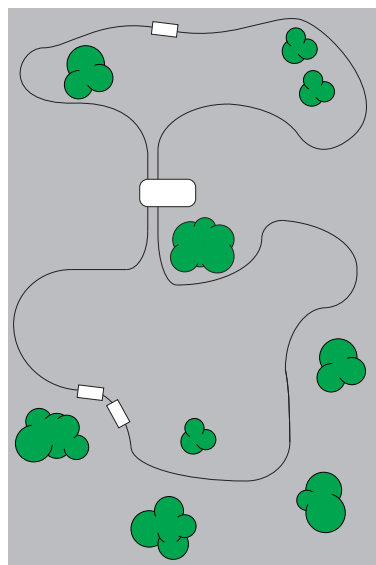
All kinds of direct fire weapons can be used with the LIMO system – from small arms to MBT main gun as well as air-to-ground missiles. The target track provided by LIMO needs no ballistic protection. Targets can also be equipped with detectors for training with laser simulators.



LIMO provides a varied scale of training levels, starting with basic gunnery training on individual level up to advanced scenarios for squad and platoon training. LIMO is also ideal for training against terrorist threats such as checkpoint training. The use of multiple targets in differential speed and directions gives a high degree of motivation and value in training. The ability to increase training step by step with small changes in the scenario drives officers and soldiers to act as in real battle.

## Terrain independent

The terrain is a resource when designing realistic scenarios. From the field through the urban environment, over hills and in to the forest – you can train with LIMO wherever you can see a path for the moving targets. LIMO provides possibilities to create very realistic situations in urban environments where soldiers have to take in to account the 3-dimensional aspect of live firing. Thanks to the flexibility there are no limits using the terrain to build up threats and create a training environment that fulfills today's evolving needs for realism.



## LIMO capabilities

- Individual and team training
- Ground-to-ground and air-to-ground training
- Live fire or laser training
- Motivating, unique scenarios
- Mobile/Deployable
- Ease of use
- Target realism, up to 4 targets/ operating unit
- Realistic target behavior, 3-dimensional movement
- Flexible track length
- For all types of terrain



Operating unit, remote control and target.

## Fully deployable – easy to set-up

LIMO is completely self-supplying and is available in both a container and a trailer version. The operating unit and other equipment complies with military standards and are manufactured, tested and used in different countries and climates. Those are ranging from the arctics on the northern hemisphere to

desert environment close to the equator. Preparing an exercise with basic tracks takes less than one hour. All accessories and tools needed for setup and use of the LIMO are included in the delivery.



Trailer version with operating unit loaded. The boxes on the trailer houses all necessary accessories and tools.



Container version with built in operating unit. In the standard 20 ft container there is also room for targets, remote control, tools and a small workshop.



## Set-up in one hour

- Unload the operating unit
- Pull out the ropes
- Hook on the targets
- Program the track
- Ready to use

## Remote Control

Control of targets, such as speed, acceleration and direction is conducted online in real time or using preplanned recorded exercises that are stored in the LIMO Remote Control. LIMO is also interoperable with several other control systems on the market, such as Saab, Lockheed Martin and others.

## Customized or standard targets

A wide range of targets in different scales can be used with LIMO. The target consists of a sledge and a 2D target board and/or a 3D model. Thanks to the straightforward design it is easy and cost effective to replace or repair targets when damaged by live firing.



The targets can be manufactured in custom design depending on customer requirements.

LIMO can also be used with different equipment that increases training possibilities, such as:

- Laser Interface for simulators
- Thermal targets
- IR signature boards
- Hit indicators
- Pyrotechnics