

# BATTLE OF RESOURCES

PERSISTENT AND RESOURCEFUL DEFENCE

# 3 operators in 30 minutes = 30 anti-tank mines in the road

Traditionally on anti-tank minelaying, time and manpower has a strong correlation. Advantage on the full FMG Sleeper series is efficiently fast minelaying: troops can keep up the speed for longer with a small group.

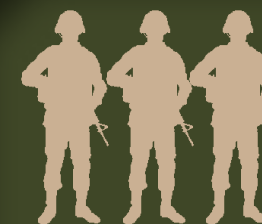
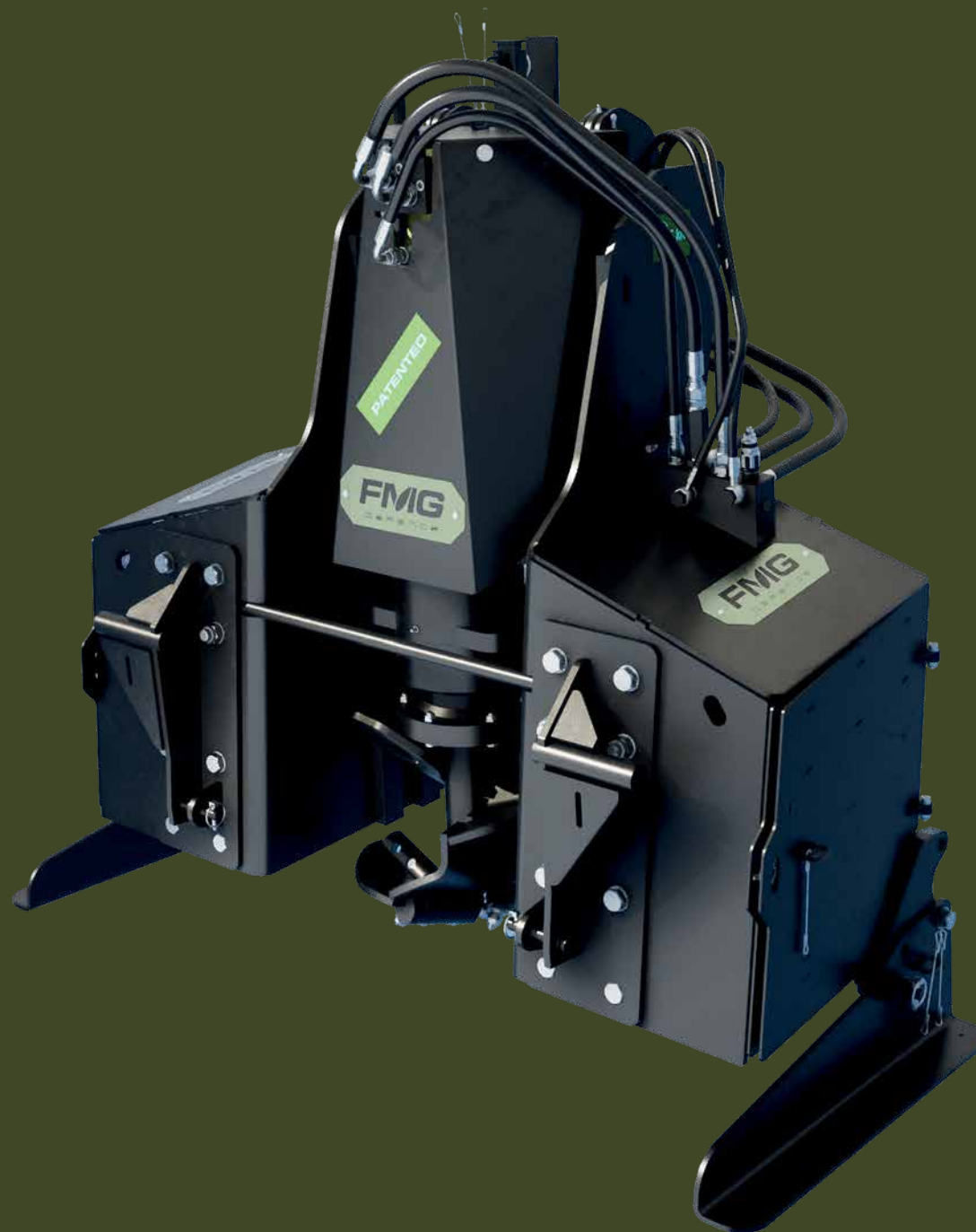
Sleeper series is created to help the troops on machine assisted emplacement drilling (Kaera -unit) for antitank mines on hard surfaces and a compact mine logistic solution (Kiosk- and MIL-Cage -units).

**THE SLEEPER SERIES FORMS FAST AND MOBILE SOLUTIONS, WHICH OPENS  
POSSIBILITIES FOR NEW STRATEGIES AND TACTICS ON COUNTER MOBILITY.**



## RESOURCE ADVANTAGES:

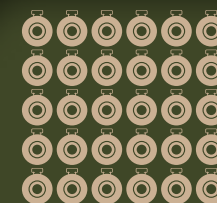
- High efficiency and performance  
with minimal resources



**3**  
operators



**30**  
minutes



**30**  
anti-tank mines

# Flexible Counter Mobility

Sleeper series can be fit on several platforms, so the customer can select the usable vehicle by their own preferences or availability.

Flexibility means also that customer does not necessarily need to invest on new vehicles. Instead, they can reutilize the existing vehicle resources for counter mobility use. Patented Kaera -unit is an add-on implement: it can be easily stored, attached, or removed when needed. When Kaera -unit is attached on a front loader, loader implements (e.g. bucket or pallet fork) are still usable at the same time.

Kiosk- and MIL-Cage -units are based on double FIN pallet dimensions, to fit the logistics chain. Packages are optimized for warehousing and transportation by several details, which makes each step of handling the products easier for the operators.



## RESOURCE ADVANTAGES:

- **Multiplatform system:** tractors, trucks, wheel loaders, back hoes, telehandlers etc.
- **Bolt fitted attachment brackets:** over 15 different bracket types available.
- Fits both MIL and civilian vehicles.
- **Drill part can be used on various surfaces:** asphalt, gravel, ice etc.



**3**  
operators



**30**  
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**30**  
anti-tank mines

# Kaera

Kaera -unit is the **patented** main part of the Sleeper series.

In practice it drills mine emplacements on the ground.

Kaera can make an emplacement on asphalt or other hard surfaces and removes one of the most physical phases of the minelaying. Kaera is simple to use and therefore fast to master. Vehicle operator controls semiautomatic drilling sequence: one motion steers drilling speed and down pressure, related to the hardness of the surface.

By its' multiplatform system Kaera -unit can be attached to any vehicle which can hold the weight and can provide hydraulic pressure. FMG can provide external hydraulic unit or lift if needed.



## RESOURCE ADVANTAGES:

- Implement concept **requires low capital**, number of units can be increased.
- **Fast to learn and use**, multiple units increase total performance.
- **Implement can be used on different platforms**.
- **Requires less manpower** and reduces the physical stress on the task.



**3**  
operators



**30**  
minutes



**30**  
anti-tank mines

# Kaera maintenance

Kaera -unit is easy to maintain. Structure allows operator to do basic services on site, saving time and resources. Kaera includes not only two toolboxes with all the needed tools but also spare wearable drill spikes and an extra drill head with spikes.



## RESOURCE ADVANTAGES:

- **Self-sustained daily service**, oil level indicator outside of the casing, easy to monitor and avoid malfunction.
- **Low down time** when service can be done onsite.
- Standard spikes, **security of supply**



### TOOLBOXES INCLUDE

- spare drill head with spikes
- lubricant for the spikes
- spare drill head spikes
- wedge point crowbar
- punch ferrule
- grease gun
- wrenches
- hammer
- punch

