



UNITED STATES DEPARTMENT OF DEFENSE

HUMANITARIAN DEMINING R&D PROGRAM

Mini MineWolf

Remote-controlled demining machine able to withstand AT and AP mine blasts

The Mini MineWolf (MMW) is a remote controlled earth tilling system designed to clear landmines. The tiller's teeth engage the ground to a depth of 25 centimeters, physically destroying anti-personnel (AP) and anti-tank (AT) landmines, and mulching vegetation up to 15 centimeters in diameter. The MMW can survive AP & AT mine blasts. Clearance rates of 5,000–12,000 square meters per day can be achieved depending on soil and vegetation type. Operation is by remote control with video monitoring.

STATUS

Thailand: The MMW began an operational field evaluation with the Thailand Mine Action Center in 2013. To date it has cleared over 263,000 square meters of land while finding 627 mines and 97 items of unexploded ordnance.

Cambodia: An OFE with the Mines Advisory Group began in September 2016, with 187 mines cleared from over 839,700 m² cleared to date.

Tajikistan: The Mini MineWolf completed an operational field evaluation in Tajikistan in 2011, having cleared more than 500,000 square meters along the Tajik-Afghan border, finding or destroying 793 mines and pieces of unexploded ordnance.



The Mini MineWolf in Thailand

Cutting-Edge Solutions
DEMINING TECH
MINE CLEARANCE & AREA PREP

FEATURES

- Remote-controlled operation with video monitoring.
- Whole system, including workshop, fits into a 20 foot container which serves for transportation and storage (without detachment of the tiller working tool)
- Blast tested against 7.5 kg TNT equivalent AT mine.



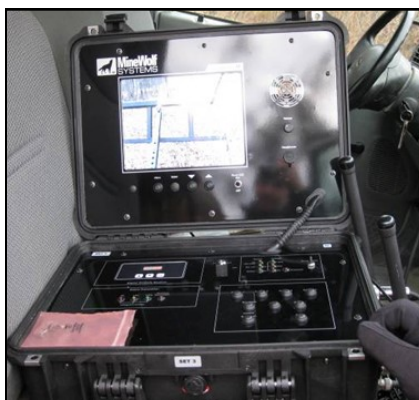
MMW IN SHIPPING CONTAINER



BLAST TESTING

APPLICATIONS

- Area reduction
- AP mine clearance
- Quality control/assurance
- Technical Survey



REMOTE VIDEO STATION



REMOTE OPERATION TRAINING

SPECIFICATIONS

Operating Weight	8,100 kg
Length, Width, Height	4.69x2.29x1.92 m
Clearance/Working Width	1.86 m
Max. Clearance Depth	25 cm
Diesel Engine Power	176 kW / 240 HP
Fuel Capacity	210 l
Max Clearance Rate	2000 m ² /h
Vegetation Cutting Capacity	15 cm
Winch Power	70.6 kN
Max. Remote Control Distance	1000 m
Transit/Operational Speed	0-5 km/h 0-2 km/h

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