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ISO9001:2000 Certified

US Department of Defense Selects Mini MineWolf



Following an intensive tender process for a field-ready mechanical demining machine, the United States Department of Defense has acquired a Mini MineWolf from MineWolf Systems for evaluation including trials against live mines.

The machine was selected based on its transportability, extensive test record, survivability and successful deployments in the field. Special preference was given to the tiller attachment with its proven effectiveness in ongoing operations, e.g. Afghanistan and Sudan.



Transport capability in a standard 20 foot ISO container was a critical requirement

The machine will be delivered as a containerized solution including a fully equipped mobile workshop, specially designed spare parts container, and technical support to sustain the machine through trials in the USA.



Mini MineWolf remote-controlled demining machine equipped with remote video guidance system

The machine will be equipped with a remote video guidance system based on a 4 camera configuration. Delivery will take place before end of 2008.

The US DoD's Humanitarian Demining R&D program is part of the US Army's countermine division, offering extensive countermine engineering expertise and world-class fabrication and test facilities. The HD program is active in humanitarian demining projects in 11 countries to include Africa, South America, Asia and the Middle-East employing a wide range of mechanical and manual demining techniques.



More information about the US DoD Humanitarian Demining Program can be found online at

www.humanitariandemining.org

MineWolf Receives UN Accreditation in Afghanistan

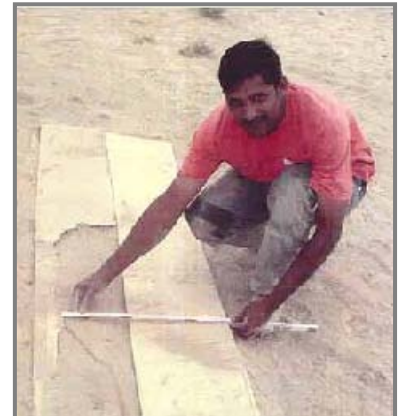
The MineWolf has received official accreditation by the United Nations Mine Action Centre in Afghanistan (UNMACA) for demining operations using both the tiller and flail attachments.



The MineWolf is now UN accredited to perform mechanical demining operations in Afghanistan

The in-country tests were carried out during August-September 2008 at the UNMAC test site outside of Kabul.

The test involved verification of consistent soil depth penetration for both working tools based on fibre-board results. The soil type was considered “typical” of minefield conditions in the region.



The MineWolf demonstrated consistent ground depth penetration with both tiller and flail

The accreditation of the MineWolf in Afghanistan follows the accreditation of the Mini MineWolf operated by DDG in May, resulting in official permission for both machines to be used in demining operations in Afghanistan.

Two Mini MineWolfs Shipped to ArmorGroup in Sudan



ARMORGROUP

UK-based Armor Group acquired 2 Mini MineWolfs for mechanical demining projects in Southern Sudan. The first unit was shipped via sea freight; the second unit was airlifted from France to Sudan during Sept. 2008.



Second ArmorGroup Mini MineWolf preparing for take-off

ArmorGroup Mine Action has been employed to supply the UNOPS with the following humanitarian demining capabilities in South Sudan: 3 Integrated Mine Clearance units each consisting of a Mechanical element, Manual Clearance Team and a Mine Detection Dog Team plus 4 Route and Survey Teams using mine protected vehicles and management capacity.

ArmorGroup's Sudan headquarters is based in Juba, but the teams operate all over Southern Sudan, with a sub-office in Wau. The Teams started operations on the 1st of October 2008 and will be operational until June 30th 2009. ArmorGroup is tasked by the Southern Regional Mine Action Office.

NPA Deploys Second Mini MineWolf in Jordan with Enhanced Remote Camera System



A 2nd complete Mini MineWolf demining system has been shipped to Norwegian People's Aid in Jordan (NPA). The machine will join the 1st Mini MineWolf in the country which was acquired by NPA in August 2007 for demining tasks along the Jordan-Syria border.

The system is equipped with MineWolf System's enhanced Remote Video Guidance System (RVGS) enabling operators to maneuver the Mini MineWolf in difficult terrain with high precision from a safe distance. The re-designed system consists of 4 cameras, 3 forward facing and one reverse. The two forward outside cameras are equipped with zoom capability to ensure high level of quality control with regards to lane overlap.

Overall it is the 4th Mini MineWolf purchased by NPA; 2 others are operated by NPA in Bosnia-Herzegovina.



2nd Mini MineWolf in operations in Jordan with remote video guidance system

After it's arrival in Aqaba the unit was transported to its theater of operations along the Jordanian-Syrian border where an estimated 67,000 anti -personnel (AP) and anti Tank (AT) mines were deployed along a more than 100km mine-belt before 1973 (source: Landmine Monitor).

MineWolf Systems at the German Army Engineering Corps

On special invitation by the German Army Corps of Engineers, MineWolf Systems was present at this year's "Pionierlehrübung" held in Münchsmünster, Germany during 19-24 September.



MineWolf at the German Army Engineering Corps

The event showcased the German Army's Engineering expertise in diverse areas such as bridge building, setting up of field camps, hospitals and infrastructure, as well as manual and mechanical mine-clearance capabilities.

Over a thousand visitors from the German, NATO and international armed forces witnessed the event over a 4-day period.



German Army Mine Clearance Brigade

MineWolf Systems was present with a stand and 26-ton MineWolf demining machine.

MineTech Demining Team Completes Mechanical Training at MineWolf System's Training Centre

Four participants from MineTech International successfully completed mechanical training at MineWolf Systems' global manufacturing, logistics and training centre in Stockach, Germany during July 2008.



*Mechanical training for MineTech completed:
Damir Luic, Anthony Bushell, Edgard Sanchez, Dirk Botha*

MineTech currently operates one Mini MineWolf and one MineWolf in Sudan but will double their fleet for the beginning of the next demining season, which is expected to start in October/November 2008.

The purpose of the course was to train the mechanics to maintain the MineWolf and Mini MineWolf during humanitarian demining operations in the field. Topics included training on hydraulics, electronics, service and repair, troubleshooting and practical repair exercises. The MineWolf Systems instructor, Ingo Streicher, is a Senior Technical Advisor experienced with both MineWolf and Mini MineWolf operations in Sudan, Balkans and Jordan.

Upon successful completion of a practical and theoretical exam, all 4 attendees were presented with official certification. Congratulations to all!

About MineTech International

MineTech International (MTI) are humanitarian and commercial demining specialists with operational centres in the UK and Zimbabwe. MineTech works with a complete toolbox of men, dogs and machinery. The company is part of Exploration Logistics, a company providing high quality safety and medical support services to organisations working in remote and hostile environments across the world.

Two MineWolfs Arrive in Santiago, Chile

Two MineWolf demining machines with full support packages have completed a lengthy sea



2 MineWolfs with support equipment unloaded at the port of Santiago

voyage of over 14,500 kilometers from Europe, across the Atlantic Ocean and through the Panama Canal to Santiago, Chile. The shipment included 2 mobile workshops as well as tiller/flail working tools for both machines.

The machines were received by members of the Chilean Army Engineering Corps and onsite MineWolf technical advisors who promptly began mechanical and



MineWolf Systems providing onsite training

operator training courses. The machines are destined for Chile's high-altitude borders with Peru, Bolivia and Argentina, areas which were heavily mined during Chile's military government during the 1970s and 80s (refer to article in [previous issue](#).)

MineWolf Systems Concludes Mechanical Workshop 2008

MineWolf Systems held its annual Mechanical Mine Clearance Workshop for its partners and customers during 23-25 September. The theme of the workshop was "Project Planning for Mechanical Demining" and



The MineWolf demonstrated convincing fibreboard results

covered a wide range of topics including definition of requirements, tender writing, project management and coordination, resource planning, training, logistics, machine accreditation, and technical support.

Many thanks to our visitors from the humanitarian and commercial sector as well as the Geneva International Centre for Humanitarian



Detonation test of the MineWolf

Demining (GICHD) for making this event a great success and an excellent opportunity to share mechanical demining knowledge from all over the world.



6.2kg AT mine prepared for test

The Workshop included inspection of MineWolf Systems' new production and training facility in Stockach, Germany, followed by a live demonstration of the MineWolf in action: fibre board tests followed by a remote controlled detonation of a live anti-tank mine with 6.2kg TNT in front of the MineWolf Tiller.



Post-detonation results: the MineWolf tiller suffered virtually no damage

Special thanks to our volunteer from SRSA, Emilio König, who agreed to sit inside the armored MineWolf cab during the detonation: no harm done!

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