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Latest CROMAC Test Demonstrates Robust Capabilities of the Mini MineWolf



The Croatian Mine Action Centre (CROMAC) Centre for Testing, Development and Training (HCR-CTRO Ltd.) has released its latest results of rigorous testing of the remote-controlled, tiller-based "Mini MineWolf" from MineWolf Systems AG.

The mandatory test was carried out at the Cerovac test site for demining machines near Karlovac, Croatia, resulting in full accreditation of the machine.

The machine achieved excellent results in clearance depth, survivability and AP mine clearance



AP mines PMA-1A and PROM-1 prepared for testing of the Mini MineWolf

The goals of the test were to determine:

- *General technical characteristics* of the machine and of the working tool
- *Soil processing depth* for different types of soil and the speed of motion of the machine
- *Effectiveness and survivability* against live AP mines PMA-1(A) , PMA-2(A) , PMA-3 , PMR-2A , and PROM-1



Mini MineWolf on top soil lane

- *Machine endurance* during repeated antipersonnel (AP) mine activation
- *Efficiency and effectiveness* of the remote control device
- *Performance* of the machine in mine-suspected areas and in different types of soil, terrain, gradients (horizontal and vertical slope), as well as for vegetation clearing
- *Necessary machine logistics, servicing and maintenance requirements*

The Mini MineWolf achieved all goals, activating all 19 AP / Fragmentation mines in the test with no significant damage to either the machine or the working tool. Furthermore, a minimum 20cm ground clearance was demonstrated, and the machine proved itself able to manoeuvre around buildings, trenches, trees, steep gradients, and in dense vegetation.

[Click here](#) to download the full report (PDF).

MineWolf Arrives in Wau, Sudan



At the request of the Governor of Wau and in coordination with the United Nations Mine Action Office in Sudan (UNMAO), Fondation Suisse de Déminage (FSD: www.fsd.ch) and MineWolf Systems

have deployed a MineWolf large-scale demining machine to the city of Wau, Sudan (popl. 2.7m) on the 24th of January, 2007.

The team is a part of an FSD led integrated operation focused on demining the strategic Wau-Warrup road. The team also includes Mine Detection Dogs (MDD) and manual deminers.

Demining the Wau-Warrup Road is a very high profile task and is being looked at closely by other demining agencies, UNMAO and the Sudanese Government.



Road clearance operation with the MineWolf

Thus far the operation is proving to be effective and by using all demining assets on site the team has managed to clear to date 9 kilometers of road to a width of 9 meters, destroying 7 AT mines and removing numerous UXO in the process.



His Excellency Mr. Mark Nyipuoch, the Governor of Wau, is briefed on the MineWolf's capabilities by a technical advisor on its arrival in Wau

The Wau-Warrup road has been closed for over twenty years due to the mine problem, effectively cutting the city of Warrup off from the South of the country.



Examples of AT mines destroyed by MineWolf during operations

Norwegian People’s Aid’s Mini MineWolf Supports Operations in Bosnia-Herzegovina: Update



A remote-controlled machine covers 427,858 square meters in 4 months

Bosnia-Herzegovina has over 1366 mine impacted communities. The suspect regions cover more than 4% of the country, directly impacting on the livelihoods of over 1.3 million people. Norwegian People’s Aid (NPA) has been hard at work during the end of 2006 to tackle this threat by deploying technical survey and mine clearance teams, resulting in the destruction of 239 AP mines and 25 pieces of unexploded ordnance during a 4 month period of operations in the Omerbegovaca Brčko District.

According to NPA: *A great part of the cultivable areas and forest resources in this community are contaminated by mines and UXO. According to the BHMAC central data base over 30 minefields have been recorded within the area to be technically surveyed. During the war this area was a confrontation line between the BiH and Republika Srpska armed factions, the area is known to contain AT and AP mines including the PROM 1, as well as UXO.*

The **Mini MineWolf** machine conducted ground preparation for this project with MineWolf Systems providing full service and mechanical support.



Mini Minewolf at Omerbegovaca Polje 6

To highlight the effectiveness of mechanical assets, the Mini MineWolf covered 427,858 m² out of a total project area of 481,789 m², the remaining area was covered by manual deminers and verified by Mine Detection Dogs (MDDs).



Technical survey map of the suspected areas

MineWolf Systems Debuts at IDEX 2007 in Abu Dhabi, UAE

18-23 of February 2007 marked the Swiss-German MineWolf System's first appearance at IDEX, the Middle East's premier defense exhibition and conference and one of the largest defence exhibitions in the world catering to Land, Sea and Ground-to-Air Defence Systems and Equipment.



The centerpiece of the MineWolf stand were scale models of the 26 ton MineWolf and 8 ton Mini MineWolf tracked mine clearance machines.



A military procession passes in front of the MineWolf model at IDEX 2007

Numerous military delegations from the Gulf and international countries showed a keen interest in MineWolf System's technology which focuses on operation in extreme conditions and variable terrains. This includes hot and dusty conditions typical of the Middle-East and verified in challenging conditions during desert trials and operation with the MineWolf in Jordan and Sudan.

MineWolf Passes EMC Testing

Compliance with military standards for Electromagnetic Compatibility (EMC) established

On 6 March 2007 the MineWolf tested positive for full compliance with military EMC standards MIL-STD-461E: 1999 and MIL-STD-464A: 2002.

The test was administered by [Mikes Testing Partners GmbH](#) in Strasskirchen, Southern Germany. The test centre has a laboratory area of 1800 m² plus an additional 1000 m² of open area test sites.



Furthermore, there are two anechoic chambers, seven various sized shielded rooms and all the necessary support equipment to cover all EMC-requirement profiles.

Opening of MineWolf Systems East Africa



Of the 48 countries in Africa, 26 are affected by landmines including Angola, Burundi, Chad, Congo, Eritrea, Ethiopia, Liberia, Malawi, Mauritania, Mozambique, Namibia, Niger, Rwanda, Senegal, Sierra Leone, Sudan, Swaziland, Uganda, Zambia, and Zimbabwe¹. Currently 45 African nations are party to the 1997 [Ottawa Mine Ban Treaty](#).

Due to the vast mine-infected regions in Africa, we are convinced that high-output mechanical demining machines must play a significant role to help remove this scourge.



MineWolf in Sudan

As part of a geographic expansion strategy, and our belief in physical commitment to the region, MineWolf Systems has opened its East Africa office based in Nairobi, Kenya. Due to Nairobi's strategic location near mine-affected countries combined with its modern infrastructure and airport, it was chosen as the best location for MineWolf Systems to serve the region.



Martin David Steel (Marty), Regional Manager for MineWolf Systems, East Africa

Heading up the office is Marty Steel, a 48 year old New Zealander who, after 23 years of service in the New Zealand Army, left to pursue a career in humanitarian demining.

Since 2000 Marty has held numerous appointments within demining organizations and with the United Nations in various parts of the world: Cambodia, Northern Iraq, Russia, Eritrea/Ethiopia and Sudan.

Most recently Marty served as Sub Office Operations Officer in both Wau and Yei, Sudan before taking up his current appointment as Regional Manager, East Africa for MineWolf Systems.

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¹ [Landmine Monitor 2006](#)

MineWolf to Demonstrate 3 Machines at Humanitarian Demining Symposium, 24-27 April 2007 in Sibenik, Croatia

MineWolf Systems will be attending the “[Humanitarian Demining 2007](#)” Symposium during 24-27 April in Sibenik, Croatia. The event will be held at the [Solaris Hotel Resort](#) (Ivan Hotel) and test sites nearby.

Main topics:

- Use of demining machines in area reduction
- Cost effectiveness of using demining machines
- Risk management
- Machine methods and use in combination with other demining methods
- Demonstration of machine work and quality control
- Demining equipment exhibition



MineWolf Systems at Sibenik 2005

This will be MineWolf System's third appearance at the Symposium, and the first time that all 3 MineWolf demining machines will be demonstrated.

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