



RUMITAL
Security is no matter of coincidence



COMPANY HISTORY

- Rumital d.o.o. is based in Zagreb, at 31a Črnomerec Street. It was registered in May 2002 as a trade and services company and is currently involved in humanitarian mine clearance. The company owners and founders are the Crnjac family – the retired general of the Croatian Army Miljenko Crnjac and his wife Ružica.
- With the intention of providing mine clearance services outside the Republic of Croatia, on April 14, 2007 the owners set up the Rumital Ltd branch in the autonomous District of Kurdistan, Iraq.
- Since August 1, 2002 Rumital d.o.o. had been involved in humanitarian demining on different configuration terrains and in different climates by applying the manual detection method (metal detectors, prodders). As of July 2003 we have been employing the combined detection method (machine clearance, deminers or dogs working the area already cleared by the machine and deminers in the second method).
- The company has provided services in all conditions and areas of Croatia, in the flatlands, on the rocky terrain and in the mountains. We have had experience with all types of landmines: antitank, antipersonnel, unexploded ordnance (grenades, artillery shells, rifle grenades).





RUMITAL

VISION

By educating all of the personnel, especially those employees involved in planning, managing and monitoring, we aim at increasing the quality of our services thus responding to the future challenges which will determine the market development policies.

We combine the know-how of our most experienced employees and the eagerness of the new, young employees. By educating all of them we would like them to develop professionally and thus contribute to the overall company success.

In June 2006 the company successfully completed the quality management ISO 9001:2000 certification process.

We raised the level of our service quality and established ourselves as a well-recognized brand. These are the preconditions for us to plan our business activities strategically, which will result in lasting presence on the market and continuous development of the company.

We put effort into making our employees on the field and our end users as well, to feel secure and satisfied after job delivery.

Rumital d.o.o. wants to put its vision into life by undertaking the following:

- Continuously investing into the management and the training and education of the employees
- Increasing the service quality and mine clearance security
- Transferring its know-how to other markets, outside the Republic of Croatia.



OUR EXPERT TEAM

- The company employs 38 people who are mainly demobilized veterans of the Croatian Homeland War. Currently, the company provides of 27 deminers who are divided into three teams, led by the most experienced employees. All activities on the field are organized by a field manager who is also a project manager.
- Apart from the deminers, the company also employs two machine drivers, dog trainers, a sanitation team (a doctor, a nurse and a driver), a general manager, a logistician and an office manager.
- The majority of the company's deminers gained their experience during the Homeland War and in landmine clearance operations after the war so that the team leaders have more than 10 years of experience in the field.
- All deminers and other employees have been educated and certified for their part of the mine clearance activities.





RUMITAL D.O.O.

- Until the present day the company has cleared over 12,000,000 m² under landmines. So far, there has never been an accident (either with lethal outcome or someone lightly or severely injured).
- With the current capacity, the company is able to clear an area of one to two million m² annually, depending on the terrain configuration and the level of its contamination.
- Rumital d.o.o. has grown to be one of the top-quality companies in the Republic of Croatia involved in humanitarian mine clearance, which could have been achieved only by investing continuously into our employees, by raising the level of their professional competence and ability and by improving their working conditions.
- The company has been certified according to international demining standards and is attested for demining activities by the Croatian Mine Action Center. The company is ISO 9001:2000 certified as well.





VEHICLES & EQUIPMENT

- The company provides all necessary personal protective equipment for deminers (each deminer owns his own metal detector, a protective vest, a helmet and other pieces of equipment required for his work).
- A deminer in the first method (manual detection) may work an average of approximately 150 -180 m² and a deminer following a machine may work an average of approximately 300 and 500 m² daily (depending on the contamination and configuration of the terrain).
- The company also owns a pair of mine detection dogs, which sweep the site in the second method (following a machine or a deminer). A pair of dogs is allowed to review an area of 2000 m²/day.
- To access the most demanding terrains and sites, the company uses its own off-road vehicles (pick-up trucks, a four-wheel drive defender and vans, as well as two ambulance vehicles).





DEMINIG MACHINES

- The company owns two RM-KA 02 mine clearance machines, which proved to be highly successful in the area and were tested for all types of antitank and antipersonnel mines.
- "RM-KA 02" falls into the mid-range category, 15 Tons in weight. It has proven itself as the most effective and efficient machine for demining, because of its easy transportation and capabilities for small, mid-sized and large areas with hindering objects. Its maneuverability possibilities are enormous, as well as the ability to treat and prepare the terrain.
- The RM-KA 02 mine clearance machine's standard is approximately 5000 m²/5 hours of operation by working the soil categories II and III of more than 20 cm deep, by which the quality and speed of detection is increased.
- The company also owns the Božena 3 machine, which is classified as a small machine, and it is mainly used for prospection and detonation and removal of antipersonnel mines in the soil categories II and III.
- To increase the driver security, the company also employs the Caterpillar 931 B vehicle, which is armored with metal and bullet-proof glass and enables the driver to operate the RM-KA 02 machine with increased security and in a better way.





MINE TYPES

Our company has experience in neutralizing the following mines:

Types of Anti-personnel mines:

- PMA-1, step on mine
- PMA-2, step on mine
- PMA-3, step on mine
- PROM-1, spurting-leaping mine
- PROM-2, spurting-leaping mine
- PMR-2A, spurting mine
- MRUD, spurting mine

Types of Anti-tanks mines:

- TMM-1, destructive mine
- TMA-1A, destructive mine
- TMA-2A, destructive mine
- TMA-3, destructive mine
- TMA-4, destructive mine
- TMA-5A, destructive mine
- TMR TMP-6, destructive-piercing mine





WORK METHODS

- The company mainly uses the combined detection method – prospection of the terrain performed by people and with the purpose of detecting antitank mines. After that a mine clearance machine is used as the first method and its purpose is to destroy or activate any mines found in the same area.
- In the second method, inspecting the terrain after the machine, the detection is performed by the deminers with metal detectors or mine detection dogs. Since the dogs work in pairs, the area is being swept by both our dogs as a rule.
- Depending on the configuration of the terrain and the type of soil, the detection is performed by deminers when a machine cannot access the area. The dogs are used as quality assurance. The company provides of employees who are trained to detect any unexploded deep-laid ordinance (with a deep-soil metal detector).
- Also, the company is equipped to destroy both mine and explosive ordinance and certain types of unexploded ordinance since we are authorized to provide such service as well.





TRANSPORTATION

- Rumital company may also offer transport service for construction machinery, mine clearance machinery and construction materials. For such purposes we own an Iveco Stralis rig, a 50t Schwartzmüller platform and a Lagendorf trailer dumper.





CONSTRUCTION WORKS

- Since 2005 the company has been involved in mine removal and clearance in areas suspected of mines, as well as in clearing terrains in the vicinity of such areas or such areas, which potentially may be contaminated by mine and explosive ordnance or unexploded ordnance.
- For that specific purpose and with the intention of increasing the security of operation, the company obtained an armored Caterpillar 931 crawler loader and a small bulldozer. These two pieces of equipment are used for digging, clearing house lots and loading and removing rubble.
- So far we have dug and cleared terrains in the areas of the towns of Vukovar, Zadar, Karlovac, Petrinja and Sibenik and in the surroundings of the City of Zagreb. For investors which were involved in the construction of Croatian roads and motorways and for Hrvatske vode (water management) we have cleared approximately 30 km of mine-suspicious canals where only an armored machine was allowed to operate.





CONSTRUCTION MACHINERY

- To meet our investors' needs and provide turn-key solutions to them, the company has expanded its machinery fleet. We now own a Caterpillar 320CLN excavator with a pneumatic hammer, a EWK PL820R telescopic excavator, a lateral mulcher used for clearing vegetation and a truck with a 50t rig and a trailer dumper.
- This technical machinery enabled us to be outsourced at the construction sites of Town of Virovitica beltway and the 5C corridor motorway. We were also involved in clearing roads and paths on the peninsula of Pelješac and the island of Mljet, clearing terrains for vineyards on Pelješac, digging gas stations in Draganić and Karlovac for Tifon and digging on the site of the Zagreb-Macelj motorway.
- In 2007 and 2008 we were contracted for the following projects and construction sites:
 - by Pluto d.o.o. company for digging works in Hrvatski Leskovac,
 - by Hrvatske vode for clearing canals in Karlovac and Petrinja,
 - by Gavrilović company for cleaning and fixing the plant's wastewater tank and wastewater treatment system in Petrinja
 - by STSI – Integrirani tehnički servisi d.o.o. for machine digging and works involving the tracked excavator at the construction site of the Josipdol-Podrebar gas pipeline





RUMITAL

REFERENT LIST

- Hrvatski centar za razminiranje, Sisak
- Hrvatska elektroprivreda d.d., Zagreb
- HEP – Distribucija d.o.o., Zagreb
- HEP – Prijenos d.o.o., Zagreb
- Dalekovod d.d., Zagreb
- Hrvatske vode, Zagreb
- Hrvatske šume d.o.o., Zagreb
- Hrvatske željeznice d.o.o., Zagreb
- Hrvatske autoceste d.o.o., Zagreb
- Plinacro d.o.o., Zagreb
- Vupik d.d., Vukovar
- Viadukt d.d., Zagreb
- VIPnet d.o.o., Zagreb
- VIP sistemi d.o.o., Zagreb
- Montmontaža – hidroiženjering d.o.o., Split
- Vodovod Dubrovnik d.o.o., Dubrovnik
- Vodoprivreda Karlovac d.d., Karlovac
- Vodoprivreda Sisak d.d., Sisak
- Đuro Đaković specijalna vozila d.d., Slavonski Brod
- Zaklada „Hrvatska bez mina“, Sisak
- International Trust Fund for demining and mine victims assistance, Ig, Slovenia
- V.V. transporti d.o.o., Dubrovnik
- IGM Tounj d.d., Tounj
- Tvornica „Pluto“ d.d., Zagreb
- Geoservis A.S. d.o.o., Sesvetski Kraljevec
- Cestorad d.d., Vinkovci



RUMITAL

CONTACTS

RUMITAL d.o.o. **Demining company**

Address: Črnomerec 31a,
10 000 Zagreb
Croatia

Phone: +385-1-3757-865
Fax: +385-1-3757-866
E-mail: rumital@rumital.hr
Web: www.rumital.hr
Tax No.: 1618342
Account No.: 2340009-1110085143

