DELTA DEFENCE
QUALITY AND TRADITION

DELTA DEFENCE

Slovak republic

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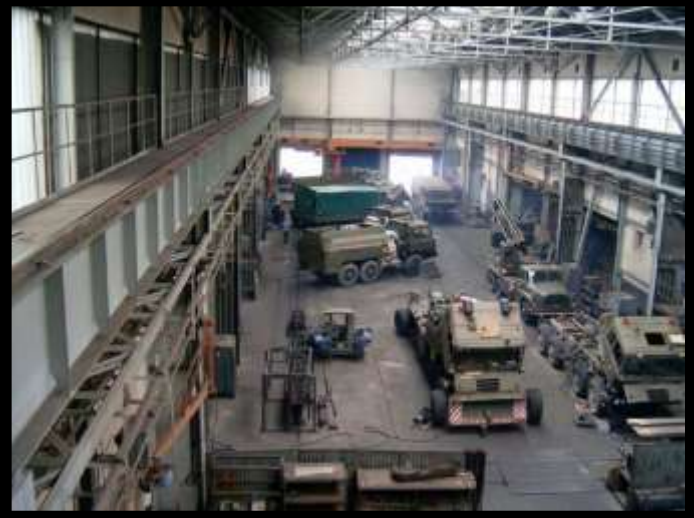
ABOUT US



Privatization of Military Repair Plant – VOP Prešov

Who we are:

DELTA DEFENCE is an Original Equipment Manufacturer company engaged in trade and R&D, with a strong focus on defence industry.

Brief history:

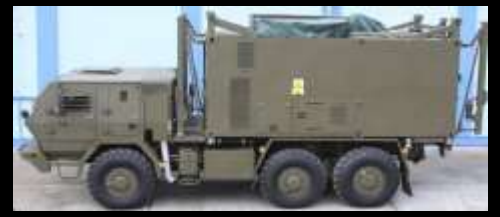
1993 – 155 mm howitzer "NORICUM GHN-45 project„ - incorporation with T&T Technology and Trading (Switzerland)

2004 – Identification Fried Foe for the MiG-29 of the Slovak Airforce - cooperation with BAE Systems

2005 – Multiple Launch Rocket System production "RM-70/85 MODULAR„ for the Slovak Armed Forces – cooperation with DIEHL BGT DEFENCE

- 26 pieces of RM-70/85 Modulars
- 13 pieces of ammunition vehicles

2006 - Mobile Communication System C3 (MOKYS) for the Slovak Armed Forces - cooperation with BAE SYSTEMS



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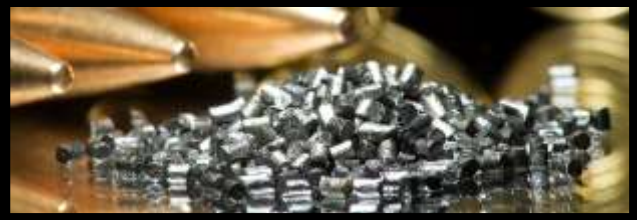
2011 - Acquisition of MANURHIN (Mulhouse), turnkey French ammunition technology producer

2013 - Strategic exclusive cooperation with Explosia, Pardubice Czech Republic "Small and Medium calibre propellants,,



2016 - Acquisition Istrochem Explosives, Bratislava Development and production of explosives in Slovakia

2019 – present - Establishment of Neotechnology Design Bureau

Our mission:

Our mission is operating at the forefront of technological innovation, provide cutting-edge solutions that enhance the safety, security, and operational effectiveness of armed forces. Our core objectives revolve around research, development, production, and integration of advanced defence technologies while maintaining a strong commitment to quality, innovation, and ethical responsibility.

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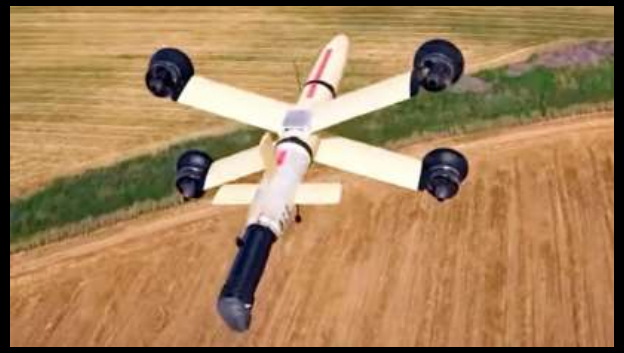
OUR OFFER

DELTA DEFENCE offer cooperation in four key areas/products within the defencece industry. We are able to provide expertise, technological advancements, and strategic capabilities to create innovative solutions that meet the highest industry standards. Through this collaboration, we aim to foster long-term partnerships that bring mutual benefits, enhance operational effectiveness, and contribute to the advancement of defencece technologies.
We look forward to exploring the possibilities of working together to achieve excellence in these critical areas:

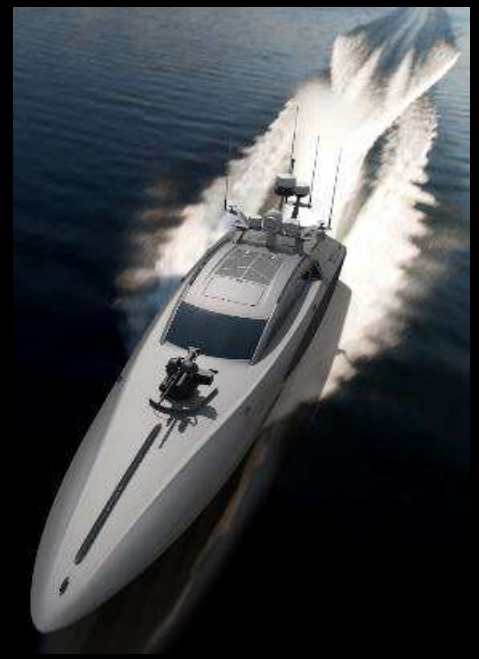
1st area: KS-4 Screw extrusion filling machine

2nd area: Point Blank Hand Launched VTOL Missile



3rd area: Turnkey project for factory producing TNT & Propellants

4th area: ORCA Manned/Unmanned Surface Vessel (USV)



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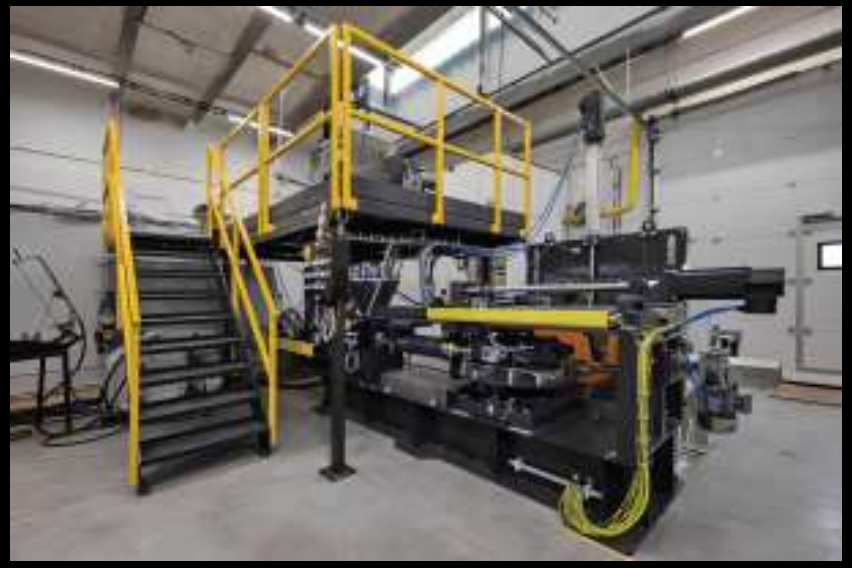
1st AREA: KS-4 SCREW EXTRUSION FILLING MACHINE



Mortar Shells - range of calibres from 60 to 120 mm.
Artillery Shells - range of calibres from 100 to 155 mm.

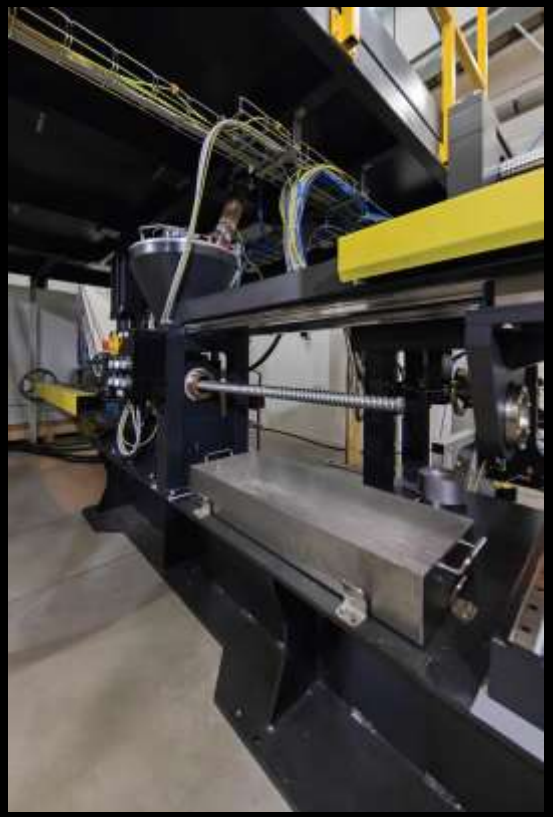
Explosive material:
- TNT flakes (MIL-T-248 C or GOST V.7059-73)
- TNT/RDX – 50/50 granules

Density of TNT charges:
- (60 – 155 MM): 1,48 g/cm

Density of TNT/RDX charges:
- (60 – 155 MM) : 1,52 g/cm3

Properties of screw filling method:

- Safety
- Minimum amount of explosives
- Ergonomics of process, building size, continuous operation
- Minimum time for filling, cavity milling
- Filling without explosive state changing
- Quality of filling, changing of filling parameters
- Minimum energy consumption, no waste production



Energy consumption:
- 3 PEN ~ 50 Hz 400 V/TN-C-S, 90 kW

Technological water:
- 1 m3/hod, 0,3 MPa, filtered

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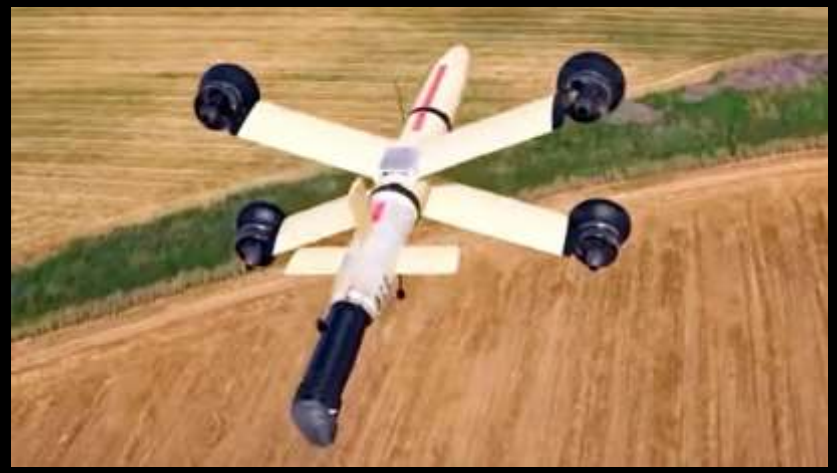
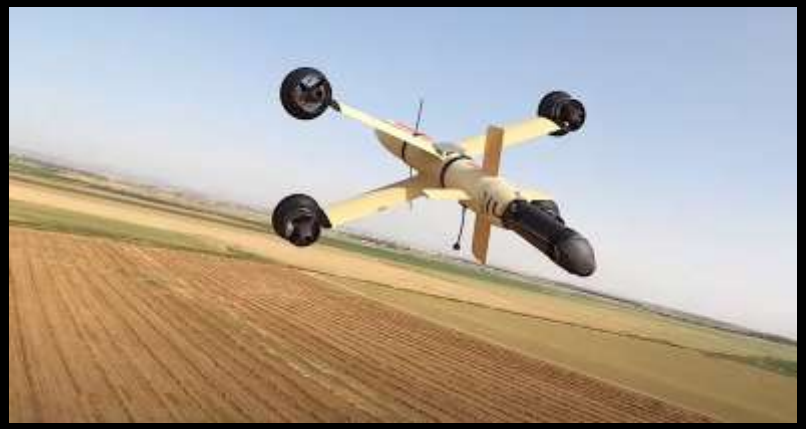
2nd AREDA: POINT BLANK HAND LAUCHED VTOL MISSILE



Weight:
- 6.8 kg and a warhead of 2 kg

Speed:
- Fly at an altitude of 460 m with a maximum speed of 268 km/h and a maximum range of 10 km

Circular Error Probability:
- Less than 1 meter



A hand-launched electro-optical VTOL (Vertical Takeoff & Landing) missile able to engage both stationary and moving targets. This is the loitering munition that can be launched, operated, and recovered by a single soldier.

The design consisting:
- Fuselage length of 1M
- X-shaped wing with a wingspan of 0.8M
- Ducted propeller propulsion and flight control with no moving parts

The Point Blank is also quiet, highly maneuverable, and stealthy.

Point Blank:
- Equipped with an electro-optical system used to validate and collect surveillance information in real-time
- Warhead in order to destroy a target
- Allows a range of targets to be struck in real-time with high lethality

Link: https://www.youtube.com/watch?v=426Fd_noMKA&t=1s

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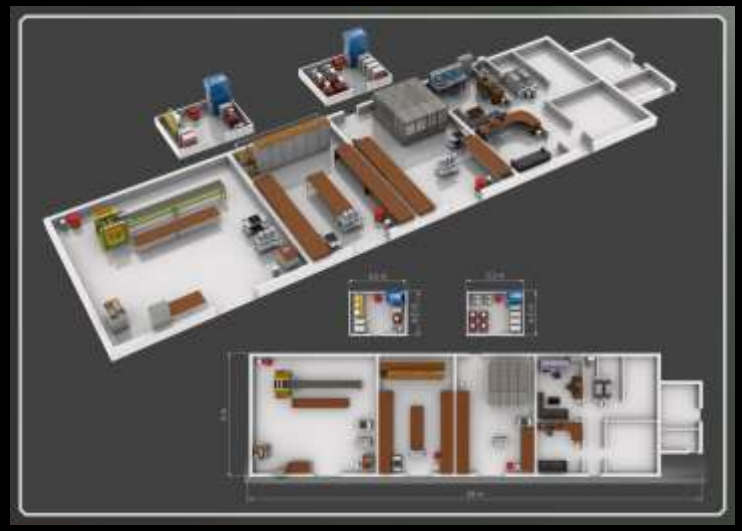
3rd AREA: TURNKEY PROJECTS FOR FACTORY PRODUCING TNT & PROPELLANTS

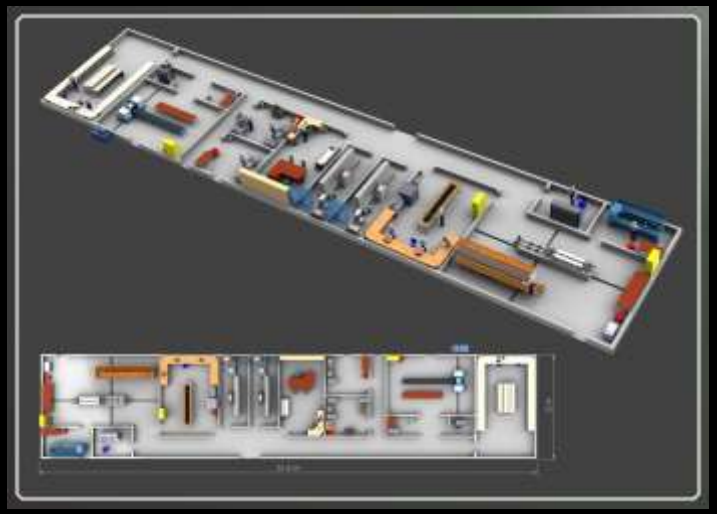
DELTA DEFENCE has developed a production of thermoplastic propellant to the state-of-the-art technology. In this process, a wide variety of thermoplastic elastomers (TPE) could be used as a propellant binder.

We are actively engaged as an integrator in two significant projects focused on building and developing factories for the production of TNT and Propellants.

The factory will include the following facilities:

- Storage areas
- Preparation and milling of raw materials
- Production of semi product
- Production of final propellant grain
- Laboratory for quality control
- Final product assembling
- Administrative facility





The facility has to be constructed in accordance with the standards for this type of work. In addition, highest level of control of the movement of the people within the area has to be ensures, with special control of the area immediately to the factory.

The factory will be designed modularly with production capacity of 50t/year, with anticipated extension to 200t/year.

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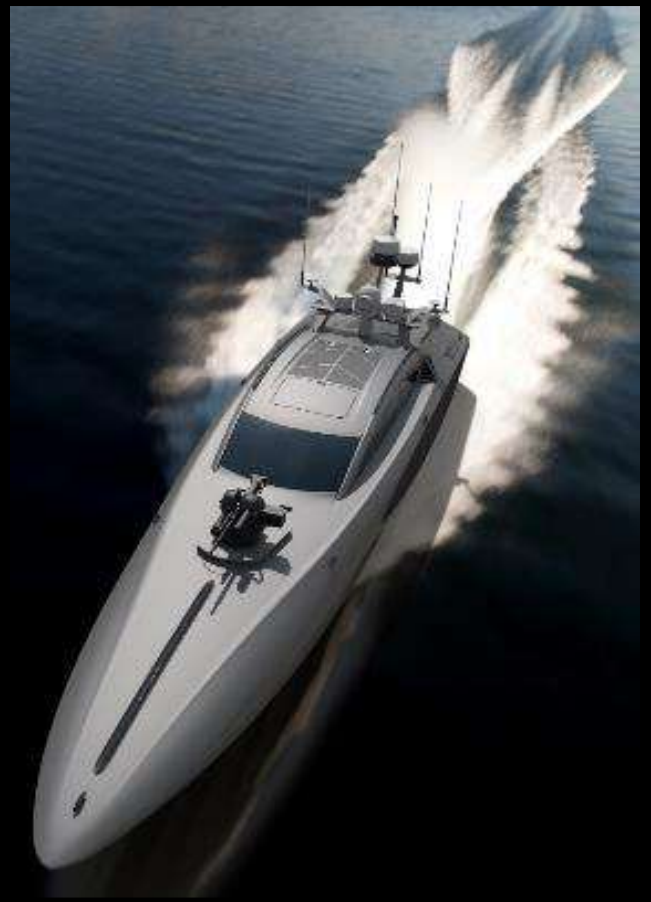
4th AREA: ORCA MANNED/UNMANNED SURFACE VESSEL (USV)



Switching between manned and unmanned modes is immediate.

ORCA Features:

- Length: 13.1 M
- Beam: 3.4 M
- Draft: 0.91M
- Max Displacement: 8,000 Kg
- Speed Max: >60 knots
- Range: 1,400 km

ORCA Advantages:

- Manned/unmanned operational modes
- Onboard generator enables to stay at sea many days, starting engines when needed
- Growth potential: various payloads, weapons and communication options

VESSEL Features:

Weight:
- Hull: 5,700 Kg carbon fibre & Kevlar construction
- Displacement: 8 tons

Fuel: 1,500 litres
Max. Speed: 60 kt
Range: 700 nm
Power: 2x 570Hp Diesel, surface drive

Remote Weapon Station (RW):

- High accuracy, 2-axis stabilized weapon station
- 7.62 or 0.5 machine gun
- Onboard EO site – displays video on operator's console
- The Systems Operator in the control station or the Orca vessel uses controls to point and shoot the weapon.

Ground Control Station (GCS)

- The GCS is located at an elevated site near the shore
- Each GCS includes four consoles to remotely control two Poseidon USVs (Each USV is controlled by a Vessel Operator and a Systems Operator)
- Data Link antennae are mounted on a high (GFE) tower near the GCS.