

ANFO - transportation of dangerous materials (preparation of means for blasting)

Mobile facility (**ANFO vehicle - Ammonium Nitrate Fuel Oil vehicle**) is a special type of upgrade for the transportation of dangerous materials (explosives).

This combined upgrade is of Ammonium Nitrate tank capacity of 8.6t for the production of commercial explosives based on Ammonium Nitrate, with a conveyor auger for pouring ANFO explosives.

Auxiliary – intermediate chassis made by welding of steel longitudinal box profiles, designed for 6x6 truck chassis.

Superstructure with tanks made of prochrome.

ANFO upgrade flow capacity: 100-300 kg/min

5 tank vehicle:

1. Tank for ammonium nitrate
2. 800l capacity diesel tank
3. Tank for hydro oil of 400l capacity
4. Water tank of 400l capacity
5. Air tank



The purpose of this vehicle is to transport non-explosive components (ANFO) for the production of explosives from these components; fill holes with ready-made explosives in surface mines.



**AMMONIUM NITRATE GRANULES
THEY ARE OXIDIZING AGENTS
IN EXPLOSIVES, AS
MAIN COMPONENT
ANFO EXPLOSIVES**

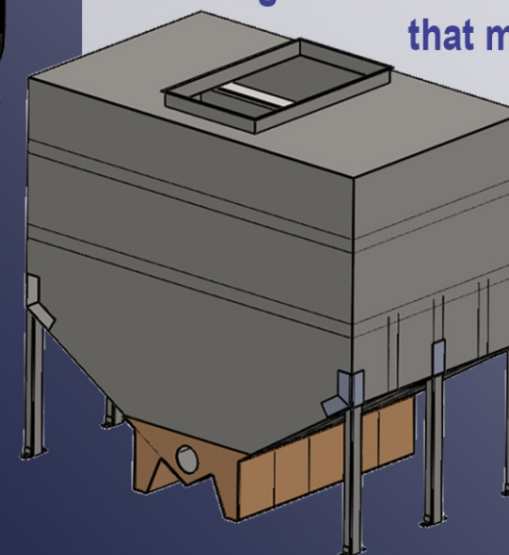
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This ANFO mobile facility for the preparation of explosives in the central part has thermo-insulated steel welded container with a single wall, volume $V=6,61\text{m}^3$. The container is intended for the transport of Ammonium Nitrate Granulate (UN 1942), at the maximum pressure of 0.1 bar, at the highest permitted operating temperature from -20°C to $+50^\circ\text{C}$, and according to Regulation on the international transport of dangerous goods ADR 2019 and the standards to which the same calls.

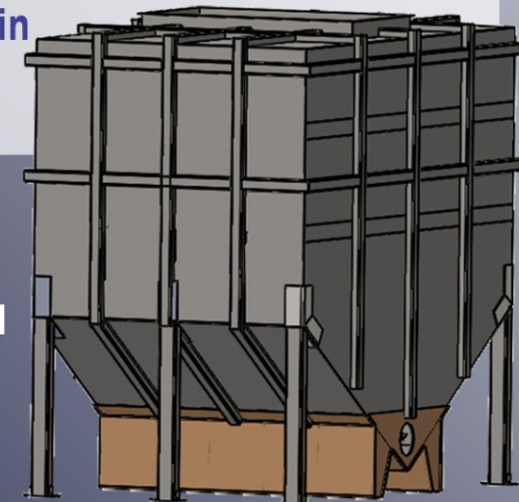


Our ANFO upgrade is designed to fit a 6x6 truck chassis and consists of ammonium nitrate storage tanks, diesel and water tanks, as well as hydro oil and air tanks.

The product is transported using a screw conveyor and via a flexible one hoses into the well. The well filling system can be rotated for 360° . It enables a quick change in the percentage of participation of the components, according to conditions required for the composition of the components that make up the ANFO mixture. Monitoring and history of used components and settings percentage of components can be easily controlled and manage via laptop in the cabin of the vehicle.



AMMONIUM NITRATE
GRANULATE



MOBILE
CONTAINER
FOR AMMONIUM
NITRATE
GRANULATE
(ANG) UN 1942

