



**Clip-Lok SimPak<sup>®</sup>**

BAE Bofors - Propellants

# Background

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Bofors is an old, well known manufacturer of defense systems.

Their speciality is basically howitzers and guided missile systems.

One famous product is the 40mm A-A auto gun which has been produced in >100 000 pcs.

- 40mm A-A auto gun.



## Actual project 1

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- M777 155mm light weight field howitzer



## Actual project 1

- Clients vision:
- To supply the gun with boxes containing grenades and propellants on shooting location.
- The boxes is placed on the ground, opened up and firing can take place.



## Actual project 2

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- High mobility artillery system
- Basically, a howitzer placed upon whatever vehicle.



## Actual project 2

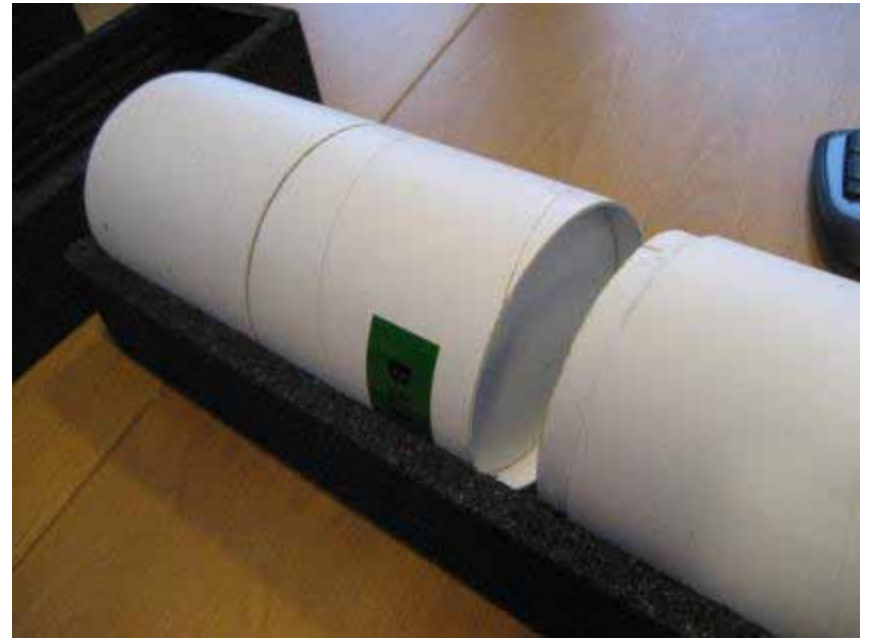
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- Clients vision:
- To feed the vehicle with propellants and grenades from a supporter vehicle.





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- Propellant





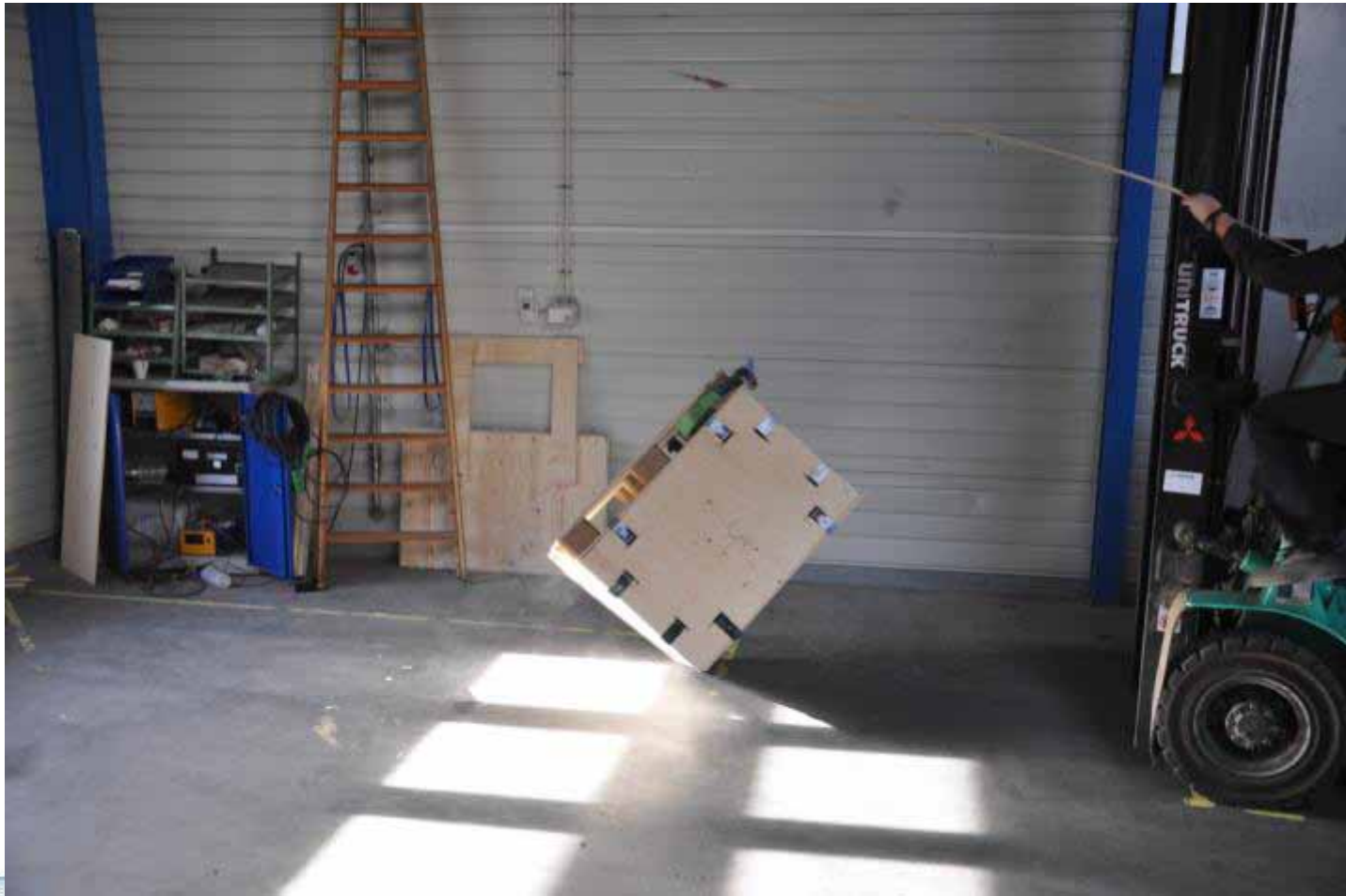
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- Five propellants is placed inside each shell and thereafter covered by vaccum sealed foil to handle long storage time.

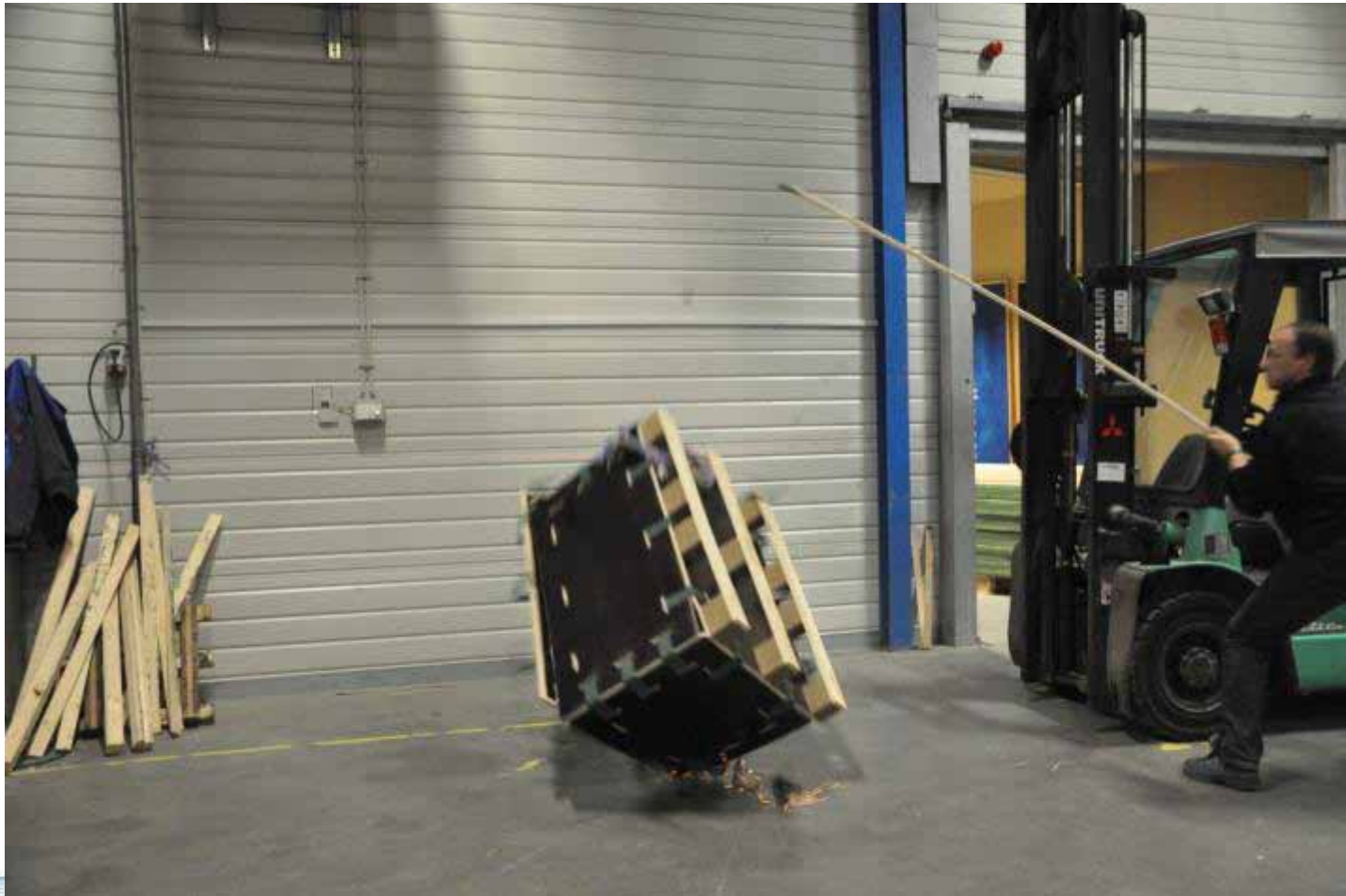


- Therafter placed inside the box.



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- UN-approval
  - Droptests is crucial and every change in the load or design might have an impact.
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- Box closed and loaded on a lorry.



- The intention is to open the box and feed the gun with propellants, 5 and 5.
- The detachable side gives full access to the propellants.



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- In the event of hostile fire or other matter which might require a quick movement...



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one might need to relocate... and one needs to follow the transport regulations, at least in the instructions...





- By placing the panels on its locations and close them with the clips, the box will again be ready to ship explosives in accordance with regulations.



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- Why Clip-Lok?
  - A rigid, to their specifications tailor made, box.
  - Easy access to the propellants.
  - Can be opened and closed interminable.
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