



COMBUSTIBLE CARTRIDGE CASES



CCCs for Tank, Mortar and Artillery Systems

- Unique know-how in CCCs technologies including 100 % COMBUSTIBLE CASES of various shapes and large caliber PROPELLANTS
- A proven track-record of technical successes with various customers
- A large production capacity to secure your supply needs



Product Description:

- EURENCO designs, manufactures and sells CCCs for 155mm artillery (modular cases and long tubes for 52, 45 and 39 caliber systems), 60 / 81 / 120mm mortar (increments) and 120mm tank (cartridges) ammunition.
- EURENCO is also able to answer specific requirements for other shapes (e.g. combustible paper and disks) and calibers (NATO or Russian).



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Product characteristics:

- CCCs are made of military nitrocellulose (50 to 80%) and specific binder, kraft and stabilizer. EURENCO also ensures Load, Assembling and Packing for artillery applications.
- EURENCO's CCCs are fully REACH compatible and 100% combustible (no residue).

Product characteristics for 120 mm CCC¹:

	120mm CCC (tank)
Design	Fully combustible
Heat of explosion	500 cal/g
Auto ignition	180°
Friction sensitivity	0% @ 353 Newton
H content (residue)	<1%
Diameter (mm)	650
Length (mm)	500
Weight (g)	650

¹ standard characteristics / to be customized to each system.
Eurenco's modular charges for artillery systems are described in a separate brochure.



Application and user's advantages for 120mm CCCs:

- **Combat proven** technology.
- **High performances for latest generation Main Battle Tanks and ammunition:** enhanced pressure and velocity thanks to EURENCO's 100% combustible design, no extraction issues, compatibility with advanced propellants, weight reduction...
- **No residue:** <1% of residues thanks to EURENCO's 100% combustible design.



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