

155MM MODULAR CHARGE SYSTEM

MISSION

The Modular propelling Charge System (MCS), replaces conventional propellant charges. Developed to comply with the Joint Ballistic Memorandum of Understanding (JBMoU) Annex D requirements, Modular Charge System is suitable for use on all the 155mm L39, L45 and L52 NATO standard guns (including CAESAR® and PzH 2000), to replace bagged charges system currently in use (M4A2, M3A1, M119, L10A1, L8A1 and similar). The modular propellant charge system offers the following advantages:

- Easier and quicker handling,
- Increased rate of fire,
- Simplified logistics (only 2 types of modules).

DESCRIPTION

The system is based on two different modules (Bottom and Top) which can be used in different number to cover all firing range requirements of the 155mm gun systems. The BMCS is fully compliant with IM NATO requirements.

STATUS

In service.



TECHNICAL CHARACTERISTICS

Type	Bottom	Top
Caliber	155mm	155mm
Operational temperature	-33°C/+63°C* -46°C/+33°C**	
Storage temperature	-33°C/+71°C* -52°C/+71°C**	
Bottom:	4 to 6 per container, 12 containers per pallet	
Top:	6 per container, 12 to 16 containers per pallet	
UN Classification	1.3 C UN 0242	

*Design France

**Design Italy