

FACTSHEET



**A Company with a vision
that knows no boundaries.**

AIR FORCE

NAVAL

INFANTRY

ARMOUR



**120 mm
IHE
LONG RANGE
AND
PRAC INERT**

ORDNANCE
TRAINING

PLANT AND
EQUIPMENT

ARTILLERY

120 mm IHE LONG RANGE AND PRAC INERT

UNIQUE FEATURES

- Superior range.
- Exceptional lethality.
- All mortar bombs are ballistically matched (illuminating bomb excluded).
- Improved obturation.
- Compatible with most 120 mm Smooth Bore.
- The charge system and range tables can be adapted to suit customer needs.

TECHNICAL CHARACTERISTICS

Barrel length (mm):	1700 (Wiesel II)
Pressure generated by bomb @ 21°C (maximum charge) (MPa):	113,9
Maximum range (km):	8
50% Zone (@maximum range) (m):	60 (l) x 25 (w)
Rate of fire (bombs/minute):	10 (sustained)
Bomb flight mass (kg):	14
Bomb filling:	IHE/HES
Fuze:	PD MG03A1/DM111/A4/5
Maximum design pressure (MPa):	180

EXPECTED BALLISTICS – WIESEL II (21°C)

CHARGE	Pmax (MPa)	Vo (m/s)	RANGE – SEA LEVEL (m)
P	7,9	52,7	
1	17,7	143,8	1.955
2	29,7	191,6	3.210
3	44,8	234,7	4.524
4	65,7	275,6	5.917
5	89,4	311,9	7.240
6	113,9	344,3	8.000
6 (-51°C)	104,8	339,8	7.953
6 (-46°C)	105,5	340,2	7.962
6 (+63°C)	119,2	346,4	8.000

PACKING AND MARKING

Marking:	Standard NATO marking or as per customer requirements.
Packing:	2 per box, 12 boxes per unit load or as per customer requirement.

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