

UNDER BELLY GRENADE LAUNCHER GP-25PK



Designed to meet the Pakistan Army's General Staff Requirements, this 40MM Under Barrel Grenade Launcher (UBGL) is a lightweight, robust system engineered for integration beneath standard assault rifles, prioritizing soldier mobility and operational flexibility. Operating as a single-shot, breech-loading manual system, it fires 40mm caseless grenades with precision and reliability in high-stress scenarios. Its ergonomic construction minimizes added bulk while maintaining rifle balance, and its ruggedized design ensures durability across conventional and sub-conventional combat environments, delivering mission-critical adaptability and resilience for modern battlefield demands.

Key features

- The design is inherently light, conventional/sub-conventional.
- Suitable for employment in all types of weather conditions and terrain, including glaciated terrain, mountains, desert, and plains.
- It supports operation in Dusty, Wind, Rainy, and Snow conditions.
- UBGL is rugged and strong enough to withstand rough handling in the field.
- Design is easy mounting and dismounting in the field.
- UBGL includes a two-position safety: Safe and Fire
- The faller mechanism is equipped with drop safety (5 feet drop). The Fire Hazard / Risk is rated as Low

Technical data

Caliber	40mm
Compatibility Rifles	G3/SMG variants
Compatibility ammunition	All NATO Std 40mm Low Velocity Ammunition
Overall Length	≤ 330 mm
Weight (unloaded)	≤ 1.7 kg
Operation	Manual through breech loading.
Muzzle Velocity	76 m/s ± 10 m/s
Rate of Fire (ROF)	5-6 Rounds per minute.
Accuracy	Weapon is capable of hitting a 3' x 3' (feet) target at 400 m.
Sight	Includes a Mech sight for engaging target up to 400m
Range	Min of 50m and a Max of 400m.
Barrel Life	Guaranteed to be ≥ 5000 rounds
MRBS (Mean Rounds Before Stoppage)	≥ 500 rounds
MRBF (Mean Rounds Before Failure)	≥ 2000 rounds
Compatibility Aspects	All variants of G3 and SMG3. Old era weapons without Mil Std 1913 Bottom Rails and having different mounting interfaces (Hard points), we offer the UBGL separately with specific mounting interfaces for both weapon types.
Environmental Operating Conditions	-40°C to +55°C
Suitable for operation in.	Dusty, Wind, Rainy, and Snow conditions
Additional equipment	Cleaning and tool kits, and a carrying pouch compatible with CCD

We provide comprehensive repair and maintenance support documentation, including the Operator's Manual, Field-Level Repair Manual, and Illustrated Parts Catalogue for field operations. For base or depot-level repairs, we supply the complete Base/Depot-Level Repair Manual, specialized tools, fixtures, workbenches, and the associated technical data package. This also includes an Illustrated Parts Catalogue specific to base-level maintenance, repair gauges, and testing equipment. Additionally, we offer a complete range of spare parts based on fault trend analysis. Transfer of Technology (ToT) can be offered where local repair capabilities are limited or not fully established.