



High Power
New
Generation
BULK
EXPLOSIVES



UNDERGROUND BULK SYSTEM

QUALITY • SAFETY • RELIABILITY



BENEFITS OF U/G BULK SYSTEM :

- Low post Detonation fumes
- Excellent water resistance
- Easy handling and loading of holes
- Saves valuable time and manpower
- High VOD for better fragmentation
- Enhanced safety against impact and friction
- Product made to suit strata

SPECIFICATIONS

PRODUCTS	SOLAR BE - UG - 909
VOD (m/s)	3800 ± 500 unconfined in 40 mm dia
Density (g / cc)	1.15 ± 0.05
Sensitivity	Booster Sensitivity (Sample will fire with 25 gm Cast - Booster)
Relative Bulk Strength (As compared to ANFO)	101 % Calculated
Total Energy / Kg	Above 550 Kcal / Kg (Bubble Energy)
Viscosity (Brookfield)	More than 25000 CPS
Compatibility / Water proofness	Excellent Water Resistance
Application	Suitable for Shaft sinking, tunneling, drift and raise development, room and pillar, mechanical cut and fill, VCR, upper retreat, bench and block caving
Sleeping Time	Minimum 03 Days

SPECIFICATIONS OF BULK LOADING UNIT

Loading Speed	30 Kg to 80 Kg per minute
Viscosity	25000 to 90000 CPS
Hose Length :	40 m
Hose Diameter	25 mm (I.D) and 31 mm O.D
Weight of Equipment	Approx 1500 Kg (for 1200 Kg carrying capacity)
Load Capacity	1200 Kg 3 CHAMBER COMPARTMENT
Working Pressure	3 BAR
Dimensions of machine	As per requirement
Safety Features	Low & High pressure trip, Temperature Trip, Rupture disc set at 6 BAR, Antistatic Hose and light weight
Hose Reel	Manual
Control System	PLC with control extension of console

Disclaimer

Use of these products by anyone who lacks adequate training, experience & supervision may kill or injure. It is expressly understood that any technical advice furnished by SILL with reference to the use of its Products is given gratis & SILL assumes no obligation or liability for the advice given or results obtained, & all such advice being given is accepted at Customer's risk.

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