



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 15 gm Cast - Booster )
Relative Bulk Strength ( As compared to ANFO )	101 % Calculated
Total Energy / Kg	Above 550 Kcal / Kg ( Bubble Energy )
Viscosity	More than 35000 CPS ( Brookfield )
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	35000 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

- These specification can be changed without any notice / intimation.

#### WARNING & DISCLAIMER

Use of these products by any one who lacks adequate training, experience & supervision may kill or injure. Solar Industries India Limited shall not be liable for any damage, whatever its nature may be, and including incidental consequential and indirect damage caused to buyers or third parties, directly or indirectly arising from or relating to the supply, use, processing, storage, sale or distribution of the products, arising after delivery unless caused by Solar Industries India Limited wilful misconduct or gross negligence.



**SOLAR  
INDUSTRIES  
INDIA  
LIMITED**

REGD.OFFICE :  
11, ZADE LAYOUT, BHARAT NAGAR,  
NAGPUR - 440 033, (M.S.) INDIA.  
PHONES : +91-712-2561000, 2560010  
FAX : +91-712-2560202  
E-mail : solar@solargroup.com  
www.solargroup.com