

"AMA" AUGER TYPE ANFO MIXER

(A) DESCRIPTION:-

- "AMA" Auger Type ANFO Mixer developed by us can produce 25 to 75 kg ANFO per minute (smaller/bigger capacity unit can also be made as per customer requirement). The unit is skid mounted self contained and can be easily transported to site.
- The unit consist of AN hopper, Auger mixer with geared motor, diesel tank, diesel pump and control panel.

(B) SPECIFICATION:-

- **AN hopper :-** Will be of SS304 electrowelded and having a capacity of 150 litre. It will be directly mounted on the Auger. It will have SS304 mesh to avoid lumps from going in the Auger mixer. It will be epoxy painted.
- **Auger Mixer :-** Will be of SS304 having geared motor at one end. The geared motor will be flame proof. Spray nozzle will be provided at strategic location for proper mixing of diesel with AN. The Auger will be epoxy painted.
- **Diesel Pump :-** A suitable size gear pump coupled to flame proof motor will be provided which will give correct quantity of diesel to the Auger Mixer for producing homogeneous ANFO.
- **Platform :-** A skid type MS2062 platform will be provided with chequered plate top. Complete platform will be coated with rubber based paint for longer life.
- **Diesel Tank :-** Will be made from MS2062 sheet and will have a level indicator, filter, breather etc. The capacity of tank will be 150 litre. It will be epoxy coated.
- **Pannel :-** Will consist of starter, VFD, Flowmeter, RPM meter, totaliser, reset switch etc. so that all operation and capacity variation can be done from panel itself. It will be epoxy coated.



- **Wash Water System :-** A washing pump of adequate capacity will be provided so that the unit can be spray water cleaned after day work is over. This will give better life to the unit.

(C) SILENT FEATURES:-

- The unit has a system by which the quantity of ANFO to be made can be preset. For example if 15kg ANFO is to be loaded per hole then 15 kg reusable bags can be filled with ANFO by setting 15kg on the totaliser unit. Desired number of bags can be filled. The totaliser will also give the total quantity of ANFO made during the day. It can then be reset to zero.
- In rainy season ANFO cartridge can be made in polythene layflat (bag) of desired diameter and length. These cartridge can be used as normal column change cartridge. The unit will be supplied with nozzle for making 83 mm, 100mm and 125mm diameter ANFO cartridge.

