

Bulk Mixing & Delivery Systems



Price

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Product Specifications for Bulk Mixing & Delivery Systems

- Bulk Loading Systems
- Bulk Loading ANFO
- Heavy ANFO Combination Systems
- ANFO Loading Systems

FEATURES :-	
Material of Constructions	Wetted Parts S.S. 304/ S.S. 316.
Process Pumps	Helical Rotor
Additive Pumps	Helical Rotor / Gear Pumps.

Hydraulic Equipments	Danfoss / Parker / Vickers/ Commercial Hydraulics.
Control Panel	GE Fanuc PLC / Siemens.
RPM Counting	GE Fanuc PLC for AN Augur, Emulsion Pump & Final Product Pump.
Totalizer	Display of total delivery of material.
Calibration	Calibration for Prill Ammonium Nitrate & Emulsion.
Hose Reel	Withdrawal of hose during charging at 2 -10 meter/min.
Delivery Hose	Antistatic Hose
Fuel Consumption	Lower diesel consumption during bore hole charging
Hydraulic Systems	Lower operational speed.
Ammonium Nitrate Prill Bin	Designed for non clogging free flow of AN Prill.
Safety Devices	Thermocouple, Rupture disc, Temperature Dependent solenoid valve to switch off all motors in the system.
Custom Built Systems	Variants of Bulk Loading Systems are possible.

All these units are mounted on trucks, having capacities ranging from 5 - 15 tons. The Units are fabricated on skid & the skids are mounted on truck chassis.

The system consists of truck mounted storage and processing equipment for carrying ingredients from base plant and mixing the ingredients at the site in required proportion. They are pumped out as final product at the point of use. The system design permits addition of various additives such as sensetisers, gassing agents etc.as per

process requirements.

The system is powered by Hydraulics. The hydraulic drive is powered by the truck internal combustion engine through a power take-off shaft. The system design ensures safety of operation and flexibility of process control parameters such as products, proportions & discharge rate. The final product after processing ingredients is pumped directly into the drilled holes in the mines through an anti static hose which is wound on a Hose Reel fitted on the pump truck.

The Hose can be immersed right upto the entire depth of mine hole and subsequent withdrawal rate and charging rate can be pre programmed. This facility ensures even charging of explosive and avoids agglomeration at the bottom of pit. Thus ensuring optimum usage of explosive.

The entire module is designed in such a fashion to ensure easy mobility and safe maneuverability of fully loaded truck absolutely keeping in mind norms of road safety and regulations.

Detailed specification of the equipment shall be provided on request.

MORE INFORMATION

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SUPPLIER

Hindustan Equipment Craft





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Hindustan Equipment Craft was established in the Year 1980 . Over the years HEC developed into a multi functional process equipment manufacturing organization. Today HEC caters need of quality process equipment of customer from a diverse industrial Segment. The experience of every passing year and customer demand ushered development of products for industries such as Water Treatment, Food, Beverages, Chemicals, and Explosives.

This monumental work for such a diverse industrial clientele was possible only due to a strong emphasis on research and development and strong focus on customer support. The ultra modern tools of design and quality manufacturing practices at shop floor forms the backbone of quality products at HEC.

Today HEC is geared up to take up challenging assignments in varied industrial segment confirming to the utmost stringent quality standards. Total quality products and practices backed by dedicated professional team makes Hindustan Equipment Craft a best choice for matchless process equipments

EXPLOSIVE INDUSTRY :

- BULK LOADING TRUCKS

- Bulk mixing & Delivery unit for doped emulsion.
- Heavy ANFO
- Heavy ANFO charging unit.
- HANFO Blends
- Combination of ANFO, Heavy ANFO & Doped emulsion unit.
- Heavy ANFO Blend Trucks
- Heavy ANFO Combination Systems
- Heavy ANFO Explosive Mixing Truck
- ANFO charging unit.
- ANFO Loading Systems
- ANFO BMD Truck
- ANFO Pumper Trucks
- ANFO Auger
- ANFO Mixers
- ANFO Loader
- ANFO Storage Bins
- Bulk Mixing & Delivery Systems
- Bulk Loading systems
- Bulk Loading ANFO
- Heavy ANFO combination systems
- Bulk Loading Pump Truck
- Bulk Loading System with Operators Cabin
- Bulk Mixing ANFO
- Bulk Emulsion Plant & Equipments
- Blend trucks
- Cartridge Emulsion Plant & Equipments
- Continuous Slurry plant
- Emulsion Trucks
- Doped Emulsion Pump Truck
- Emulsion Explosives Plants
- Emulsion Storage Bins
- Explosives Handling Equipment
- Repump Trucks
- Straight Emulsion Trucks Pump Truck
- Slurry Explosives Plants

We manufacture complete plants for manufacture of Slurry Explosives. The plant comprises of :Volumetric Tank,Ribbon

Blender,Product Hopper,OB Preparation Tank,OB Storage Vessel and Ammonium Nitrate Melt Storage Tank.Product filling sealing & conveying systems.

- PETN Plant

We manufacture complete plants for manufacture of PETN. The plant comprises of :C.N.A. Storage Tank,Spent Acid Storage Tank,Measuring Vessel,Nitrator,Granulator,Dissolver,Acetone Condenser,PETN Dryer,Acid & Alkali Labyrinth,Acetone Holding Tank,Nutch Filter,Fume off Tank Scrubber,Drowning Tank,Vacuum traps.

- PETN Dryers
- Ammonium Nitrate Emulsion Process Plants
- Bucket Elevators
- Homogenizer
- Water Gel Explosives Trucks
- Mobile Mixing Delivery Unit(MMU)Explosives Truck

FOOD INDUSTRY:

- Fully Automatic Continuous Fryers
- Rice,Dal,Potato Cooker
- Sigma Mixer
- Mango Pulper
- Steam Kettles
- Auto Clave

CHEMICAL INDUSTRY :

- Vacuum Evaporators
- Shell & Tube heat Exchanger

- Filter press
- Microfine Sr Emulsifiers
- Basket Centrifuges
- Ribbon Blender
- Triple Effect Evaporators
- Jacketed Reaction Vessels
- Double Cone Blender
- Rotary Drum Dryers
- Tray dryer

WATER INDUSTRY:

- Containerized Ro Seawater Desalination Plant
- Ozone Generator
- Ozonized Water Dispenser

LOCATION OF HINDUSTAN EQUIPMENT CRAFT :

HEC Factory & Office is located at Industrial area of MIDC Hingna which is located at 12 KM from city of Nagpur on National Highway 6 Amravati Road Mumbai Nagpur Highway. Nagpur being central to India is almost equal distance from all metro cities of India & having good access to Chhatisgarh & Oddisha on eastern side , Andhra & Telangana on South , Madhya Pradesh on North & entire Maharashtra , Goa , Gujarat on western side . Further the Nagpur city is well connected by Road, Air & railway for passengers as well as goods transport .The upcoming MIHAN project & muliti modal CARGO terminal with SEZ etc had added advantage for our location. It is projected that after implementation of GST Nagpur will get boost as logistics & ware housing hub . At present there are CONCOR, DLI and so many other container depots giving services to import & export trade.

For more details, please visit

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