



**Silo & Cement Feeding System**

**Concrete Pump PipeLine & Accessories**

**Screw Conveyor**

**Strainers & Filters**

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## Concrete Pump Line & Spares

We are instrumental in offering a variety of Concrete Pump Line Spares to the clients. These products are precisely engineered by our experts, who have immense experience and in-depth knowledge in their respective domains. Our products are delivered to the clients within the stipulated time frame at market leading prices.

### Taper Pipe

Taper Pipe : We manufacture and supply optimum grade of concrete pump spares that are made from quality raw material. Known for its quality, durability and high utility these are highly demanded by .....



Material : Brass, Alloy Metal Application : Used in Different Automobile Size : As per the Drawing



### Piston Bolt

### Pipe Bend

Pipe Bend We offer Pipe Bend. We manufacture bending pipes of world class quality to full fill the requirement of construction and pipe line industry.



### Grooved Ring Sealing Sets

Grooved Ring Sealing Sets : We have best quality of Grooved Ring Sealing Sets. These Grooved rings are available in different material finishes and in special lengths.

### Ram Dn

Ram DN : We can easily manufacture concrete pumps spare parts (DN 180 mm ram core). All our spare parts are rugged in construction and robust in performance. Highly durable and also corrosion resistant





# Concrete Pump Line & Spares

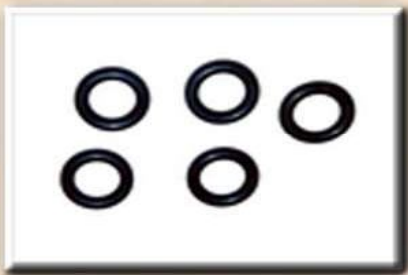


## Pipe Bends

Pipe Bends We also offer a wide assortment of pipe bends that are used to divert the flow of liquid at a particular angle. These pipe bends are manufactured with latest technology by using graded raw

## Guide Sleeves

Guide Sleeves : These Sleeves are resistant to corrosion, rust and abrasion and boast of high tensile strength and ruggedness. And to meet the diverse requirements of industries, these Guide Sleeves



## Form Lace Rings

Form Lace Rings We have good quality of Form Lace Rings, which are durable in quality.

## Female Collar

Female Collar Our products are made of durable quality material and is available at industry leading prices



## Cup Bodies

Cup Bodies Our range of products allows for quick and easy installation. These products ensure perfect alignment and precision installment each and every time, without special training or time

# Concrete Pump Line & Spares

## Bending Pipes

Bending Pipes We offer Bending Pipes . We manufacture bending pipes of world class quality. Our experts are dedicated to supplying you the with the bending pipes carefully manufactured to meet your



## Clamp Dn 125 Forged

Clamp DN 125 forged These clamps are far superior and cost effective than the clamps made of superior quality material. Clamp is forged.

## Delivery Pipes - 3m

Delivery Pipes - 3m We offer to customers an array of delivery pipes / taper pipes, which are specially made to fit into gaves construction machines. These pipes are made of superior quality raw material



## Cleaning Ball Imported

Cleaning Ball Imported The cleaning ball we offer is an effective product for cleaning the machine and is available with hard and soft features. Our range of products is available at the most competitive

## Concrete Pumps Spare

Concrete Pumps Spare Parts We offer a wide range of concrete pumps spare parts that is manufactured using best quality of metal alloys and advanced technology to ensure durability and efficiency





# Concrete Pump Line & Spares

## Gate Valve Cup Body

Gate Valve Cup Body We are one of the prominent Manufacturers and Suppliers of Gate Valve Cup Body . These are made from high wear resistant alloy steel & made to strict controls gives trouble



## Concrete Pumps Spare

Concrete Pumps Spare We are one of the leading Manufacturers and Suppliers of Concrete Pumps Spare . Made for different pumps in sizes of DN 180, DN 200, DN150 and also our put-mister gives long

## Rubber End Hose

We bring forth a wide gamut of Rubber Welding Hoses, which is designed from high quality raw material and modern innovative technology. Our vendors design these hoses in accordance with the international quality rules and guidelines and offer in different dimensions.



## End Hose



In our extensive range of products, we are presenting our clients a comprehensive range of Flange End Hose Nipples. We offer an arresting range of superior quality End Hoses and have carved a niche for ourselves in this product category.



# Silo



The usually strong structure used for storing bulk of materials is known as a Silo. It can be used to store grain for agricultural purposes or even the fermented feed. Silos can be used for storing grain, cement, coal, carbon black, food products, woodchips and saw dust in bulk. Silos can either be permanently made structures which are rigid and in nature, or can be temporarily constructed making it flexible and portable. The most widely used silos comprise of the tower, bunker and bag silos

## Storage Silo

Being a vertical storage tank, Storage Silo is a rigid, easy to transfer as well as erect. It is a very specialized part of long term storage systems. The material to be stored inside the Storage Silo decides its pattern and design. A number of substances like food, petroleum products, chemicals, sewage and even metal ore can be stored inside this system. Sometimes it is even possible to rebuild a silo for storing a different kind of product. However wet silos can be difficult to convert into dry and vice versa.

We manufacturer and undertake turnkey projects for silos and bulk storage vessels. Our bulk storage vessel finds their wide application in industry and we have undertaken turnkey projects various industry of our country. We have manufactured and supplied wide range of large size silos to our clients. We can do fabrication work for our range of silos, thus giving our clients satisfaction up to their needs.

## Cement Silo

On sites of construction and industries, cement silos are used to store large amounts of cement or cement mixtures. Such silos come in a number of shapes and sizes which makes cement silos all the more accessible and suiting to the needs of the construction site or the industry. Cement silos can either be permanent structures, strong and rigid, or even they can be made on temporary basis making it more flexible and portable. Like a host of other silos, even cement silo is equipped with a kind of blower which helps to expel the stored contents into the truck or any other receptacle.

Umiya has a range of low-level and upright Cement Silos, which are used to hold and discharge cement and other powder materials. The range of low-level Silos are fully-mobile with capacities from 10-80 tons. They are simple to transport, easy to set up on site and come equipped with an electronic weighing system with digital display and printer. This allows any quantity of cement or powder discharged to be controlled and also provides an accurate indication of what remains inside the Silo. These are a low-maintenance, value for money option for the storage of cement or other powders. All cement Silos in the range are perfect for use in conjunction.

We have worldwide client like Egypt, Iran, Sudan, Algeria, Morocco, Iraq, Saudi Arabia, Yemen, Syria, Israel, Libya, Jordan, United Arab Emirates, Lebanon, Palestine, Kuwait, Oman, Qatar, Bahrain



# Cement feeding system

Cement feeding system It is the most versatile and speedy method of transferring bulk material from one point to another within a defined area.

## APPLICATIONS

Umiya Screw Pumps are heavy-duty, screw-type pneumatic pumps. These pump systems are most commonly used to convey dry, free-flowing, pulverized materials from grinding mills, transfer materials from silo to silo, transfer dust from collectors, and load and unload railcars, ships and barges. The materials are conveyed literally anywhere a pipeline can be run and to any number of delivery points.

## OPRATION

The materials to be conveyed enter the hopper by gravity or dumped by any means. The material is compacted as it is advanced. Its density is further increased in the space between the terminal flight of the screw and the face of the non-return valve to form a seal against the transport line pressure, thus preventing blowback. The material then enters the discharge body, is fluidized by compressed air, and is conveyed into the transport line.

## FOLLOWING ACCESSORIES INCLUDED

•	Discharge Silencer	•	Non Return Valve
•	Suction Silencer	•	V-Belt Set
•	Spring Loaded safety Valve	•	V- Belt Guard
•	Pressure gauge	•	Drive Pulley
•	Suction Filter	•	Driven Pulley

# Cement feeding system

## TECHNICAL SPECIFICATIONS

SR.	ITEM DESCRIPTION	SPECIFICATION	
01	Umiya-I	Umiya-I	Umiya-II
02	Output Capacity*	12-15 TON/HR	12-15 TON/HR
03	Feed Hopper Capacity	500 Kg	700 Kg
04	Screw	TOUGHEND	TOUGHEND
05	Screw Motor	22.5 kW / 30 HP	22.5 kW / 30 HP
06	Twin Lobe Air Blower	PI-19	PI-22
07	Blower Motor	30 kW / 40 HP	37.5 kW / 50 HP
08	Struture	WITH WHEEL /ANTI VIBRATION PAD	WITH WHEEL /ANTI VIBRATION PAD
09	Power Supply	415 V AC $\pm$ 10%, 3 PHASE,	50 HZ $\pm$ 5%

## GENERAL SPECIFICATIONS

Umiya Screw Pumps are constructed of mild and structural steel, and mounted on a base. Umiya pumps are equipped with pedestal blocks that support a pump screw which helps to provide a smooth, balanced operation. The screw is dynamically balanced and areas of this screw, along with other parts of the pump in direct contact with the material to be conveyed, are made of hardened, wear-resistant material and special hard surfacing where required. The screw is directly coupled to the driving motor but can be v-belt driven.



# Cement feeding system

Standard equipment on Umiya pumps includes a pressurized seal and bearing assembly that extends the service life of the discharge seals by preventing the material being handled from entering the bearing area. Each pump system includes the pump, drive motor and compressed air source

## 1 GENERAL SPECIFICATIONS

### SYSTEM FEATURES

- Capacity 20 To 22 Tons / Hour.
- Mild steel structure will be provided.
- Silencer with grob filter will be provided
- Blower: PI 22
- Motor: 50 H.P. (Comptron & Greaves)
- Anti vibration pad will be provided.
- 7 meter Flexible pipe ID 101mm with two side fitting adaptor will be provided.
- 5 meter Flexible pipe ID 114mm with two side fitting adaptor will be provided
- Pressure Safety Valve, Pressure Gauge, Non-Return Valve will be provided.
- Powder Coated Control Panel will be provided.

### UTILITIES REQUIRED

- 440 Volts, III Phase, 50 Hz, 50 HP Electrical Power for the power source

# Screw Conveyor & Spares

## GENERAL SPECIFICATIONS

We are engaged in offering a wide array of Concrete Batching Plant Spares in the market. These products are dimensionally accurate and available in variety of sizes and dimensions as per the requirements of our valued clients. Our range of products is precisely engineered, meeting the demands of food, chemical and cement industries.

### Inclined Screw Conveyors

We are engaged in offering a wide array of Concrete Batching Plant Spares in the market. These products are dimensionally accurate and available in variety of sizes and dimensions as per the requirements of our valued clients. Our range of products is precisely engineered, meeting the demands of food, chemical and cement industries.

in the past forty years the es screw conveyor has become synonymous with cement feeding and conveying in concrete plants all over the world. During this period wamhave supplied more than two hundred thousand units worldwide. At the beginning of the new millennium it would be difficult to find a concrete plant operator anywhere in the world who does not appreciate the unrivalled technical features and quality of these.



### Vertical Screw Conveyor

VE Vertical Screw Conveyor Systems consist of a horizontal screw feeder, which is either designed for feeding from bag hoppers or from silos, and a vertical screw conveyor. Material is discharged by the Vertical Screw into a weigh hopper, one or more silos or into further conveying systems.

Fabricated parts, screws, end bearing and intermediate bearing assemblies, which offer particular maintenance-friendliness, have been specially designed for this system.



A wide range of diameters facilitates a great variety of throughput rates. Depending on the user's individual requirements, the system can be supplied with various drive options and accessories.



# Screw Conveyor & Spares

## Tu Screw Conveyors

We bring forth for our clients a wide assortment of Screw Conveyors which is extensively demanded in various heavy engineering industries. Our range of products is offered in various specifications. We fabricate these products using high grade raw material in tandem with the set industry norms.

### Salient features

- High capacity
- Sturdy construction
- Efficient performanc

## Gear Box

We offer a wide range of Gear Boxes, which find extensive usage in various industrial applications. These products are precisely engineered using advanced technology and sophisticated machinery and equipment. Our in-line Gear boxes are manufactured using top grade raw material in various technical specifications as per the needs of our customers.

### features

- Longer functional life
- Highly durable
- Robust construction



# Screw Conveyor & Spares

## Motor

Available with us is a range of Motors. These products are offered with dynamic brakes, three phase squirrel case reversing and smooth starting and stopping. Our range products offers trouble free operation and therefore, require low maintenance cost. We offer these products at market leading prices and deliver the orders on time.

These products find extensive usage in the following applications:

### features

- Conveyor systems
- Pumps, compressors
- Industrial dryers
- Mixers
- Palletizers
- Fans
- Automatic doors

## Hanger Bearing

We are engaged in offering a wide assortment of Hanging Bearing Tools to the clients. Our procuring agents ensure that the raw material used by us is sourced from only well known vendors in the market. These products are fabricated using advanced technology and manufactured at par the international quality standards.

### Salient features

- Precisely engineered
- Robust construction
- Rust resistant





# Screw Conveyor & Spares

## Bearing Tools-Spare Parts

We are instrumental in offering a wide array of End Bearing Tools or Spares Parts. These products are fabricated using superior grade products and offered as per the specifications and application requirements of our customers. Our range is fabricated by our experts who strive achieve continuous improvement in terms of quality and efficiency.



## Salient features

- Efficient performance
- Long service life
- Resistant to corrosion

# Silo Spares

We are a renowned organization in the market engaged in offering Silo Accessories. These products are fabricated by our professionals who have immensely contributed towards the success of the organization. Our range of products is offered as per the the client's application requirements in different specifications. This enables us to gain client satisfaction and a competitive edge over other companies.

## Silo Venting Filter

We are engaged in offering a huge array of Silo Venting Filters. These filters are very popular due to unique features and cost effective advantage. We manufacture these Silo Venting Filters using superior quality metals and other raw materials that are procured from our reliable vendors. Our Silo Venting Filters are extremely useful in various industries such as mining industry and construction sectors.



## Salient Features

- Vibrating Cleaning System
- Standard stainless steel body
- Superior quality filter media
- Push-fit filter elements
- Maintenance height=1.280mm (4 ft)
- Corrosion free
- Superior filtration efficiency
- No tools for cartridge maintenance needed
- Easy to maintain

## Benefits

- Low Maintenance Costs due to High Durability
- Minimum Dust Emission
- Enhanced Work Safety-Reduced Maintenance Costs



# Silo Spares

## Dust Collector Filter

Our esteemed clients can avail from us the most sought after range of Dust Collector Filter. These filters are made from superior grade ceramic materials to make it more wear-resisting and durable. Thus, these Dust Collector Filters are known for better adaptability, and are very simple to use and easy to maintain. We offer these filters at industry competitive price range to attain maximum client satisfaction.



## Pressure Relief Valves

The organization is engaged in offering a variety of Pressure Relief Valves to the clients. These products are used for vessels having low pressure design. Our range of products is widely used in various industries due to their superior performance and easy operation. We ensure that these products conform to the international standards and are offered at market leading prices



## Salient features

- Safety measures
- Precise engineering
- Accurate design

## Bin Aerator

The VB and VBE Vibrating Bin Aerator develops combined aeration-vibration which favours in no particularly efficient way material now from silos or hoppers with powders or granules of von ous kinds. No specific working pressure is required, any pressure between 2 and 6 bar 129 and 87 psi) can be used. Intermittent use is recommended.



# Silo Spares

## Level Indicator

The organization is engaged in offering a wide array of Level Indicators. These products are available with controllers and extensively used for continuous measurement. Our range of products can also be used for measuring colorless and corrosive liquids. Moreover, these products are also used for indicating the levels of toxic liquid. Adjustable alarms can also be availed with our products.



## Salient features

- Low maintenance cost
- Easy installation
- Safety features

## Dust Collector

The range of Dust Controllers offered by us is widely accepted in the market due to its construction and highly efficient performance. These are offered at market leading prices and can be availed through easy payment modes. For the clients' convenience, we ensure that our products are delivered within the stipulated time frame by the wide distribution network available to us.



## Our Dust Controllers include

- Cartridge Dust Collector
- Fabric Bag Dust Collector
- Pleated Bag Dust Collector
- Wet Scrubber



# Butterfly Valves & Actuators

We bring forth for our clients a variety of Butterfly Valves & Actuators. These products are fabricated by our experts using superior grade products. Our procuring agents make sure that the raw material used in the production is sourced from well known and reliable vendors in the market. We use the latest technology with the help of which, we offer advanced products.

## Butterfly Valves & Actuators

The range of Butterfly Valves & Actuators offered by us is extensively demanded in the market. These products are fabricated at par with the technological advancements in the market. Our products find immense application in chemical industry for flow control of fluids. We ensure that these conform to the international standards.

### Features

- Flawless products
- Highly reliable
- User friendly

## Butterfly Valve

VFS butterfly valves consist of two high-pressure die-cast semi-bodies manufactured from aluminium alloy, a swivel disc in sint polymer composite or cast iron, and a pre-stressed elastomer seal. for the food industry a version with stainless steel disc and integral fda-approved seal is available.

while v1fs comes with a top flange and a bottom section suitable for the attachment of a flexible sleeve, v2fs has an identical top and bottom flange. VFS valves can be fitted with a manual lever or a pneumatic or gear motor actuator. all the actuator systems are interchangeable (see actuator catalogue).



# Butterfly Valves & Actuators

## Actuator

TYPE	B	C	D	E	G	H	N	P	KG
CM 2	300	104	60	72	14	22 x 19	50	105	1.3
CM 3B	140	107	60	72	17	28 x 25	80	105	2



## Butterfly Valve

Our company is engaged in offering a huge assortment of Butterfly Valve. We offer these butterfly valves in two models such as Single Flange Butterfly Valve and Double Flange Butterfly Valve. These butterfly valves are manufactured using first grade NBR rubber, die-cast aluminum. Our valves are fitted with high quality polymer material with steel core for wearable and durability properties.



We offer the following models of these valves

- BV1FS100
- BV2FS100
- BV1FS150
- BV2FS150
- BV1FS200
- BV2FS200
- BV1FS250
- BV2FS250
- BV1FS300
- BV2FS300
- BV1FS350
- BV2FS350
- BV1FS100
- BV2FS400



# Butterfly Valves & Actuators

## Pressure Relief Valve

We present a wide range of Pressure Relief Valve. The appropriate operation of the application of a pressure balance valve is necessary to discharge possible pressure inside the silo, as well as negative pressure. In fact the pressure builds up once the silo gets filled and the negative pressure occurs once it is emptied. If air input and output are not correct, then the valve opens (one way or the other) and prevents the possible silo damage.



## Level Indicator

Our company is engaged in offering a huge assortment of Butterfly Valve. We offer these butterfly valves in two models such as Single Flange Butterfly Valve and Double Flange Butterfly Valve. These butterfly valves are manufactured using first grade NBR rubber, die-cast aluminum. Our valves are fitted with high quality polymer material with steel core for wearability and durability properties. These level indicators are widely used in diverse industries to indicate the level of the liquid flow. Our level indicators are renowned for distinctive attributes such as anti-vibration, anti-moisture, extreme temperature resistance, adjustable sensitivity and durability. These indicators perform efficiently under unfavorable conditions. Our indicators are mainly used for displaying of materials with different bulk weights and diverse bins with fixed material levels



Single Flange Butterfly Valve and Double Flange Butterfly Valve. These butterfly valves are manufactured using first grade NBR rubber, die-cast aluminum. Our valves are fitted with high quality polymer material with steel core for wearability and durability properties.

## Vibrator

We are engaged in offering huge gamut of Vibrators that is used in various industries. Our engineers make use of fine quality metals and genuine components to fabricate these vibrators. These vibrators undergo strict performance tests in our internal quality control department. Thus, these are very popular in the market segments. We offer these vibrators at competitive market prices to gain optimum client satisfaction





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**DIFFERENCE IS QUALITY !**

# **STRAINERS & FILTERS**



## STRAINERS & FILTERS

### Y, TEE & CONICAL STRAINER

These Types of strainers are named after their shape and normally used for coarse filtration. But with large filtration area, can be used with fine mesh also. Body of Y strainer is normally of cast iron or cast steel in various grades with flanged and socket weld type end connection. Fabricated Y strainers are also available. Tee strainer is fabricated from pipes & plates or standard equal tee & flange. Filter elements are made of stainless steel perforated sheet or wire mesh supported by perforated sheet. In tee type strainer many times a structural skeleton made of flats and round bar is used to support the wire mesh. Conical strainer installed in housing is generally used on suction side & named as suction strainers also. Low-pressure drop, compact size, robust design and ease of maintenance are some special features of these type of strainers.



### SELF CLEANING FILTER (Auto Back Wash Filter)

Glando self-cleaning filters are available in standard models to choose from for different flow rates. They are also designed & fabricated as per requirement. Size manufactured is up to 6" NB and below and filtration achieved is down to 40 micron. Element of this type can be cleaned by one rotation of outside handle or knob. The dirt over the surface of element is brushed down by scraper blade & collected at bottom and can be drained out. Automatic self-cleaning filters are manufactured with assembly of motor & gear to rotate the filters element for continuous cleaning. The element of this type has very high mechanical strength and can with stand a very high differential pressure & ease of cleaning element are some special feature. This type of filter is suitable for most liquids with suitable material of construction.

#### Technical Data

#### STD. Specification Required With Enquiry:

- (1) Inlet Outlet Size & Rating.
- (2) Fluid To Be Handled.
- (3) Viscosity of fluid.
- (4) Fluid temp.
- (5) Degree of Filtration.
- (6) Working Pressure.
- (7) Allowable pressure drop.
- (8) Material of construction.
- (9) Qty of strainer required.





## STRAINERS & FILTERS

### SAND, CARBON BED & MULTI BAG FILTER

Such filters are designed horizontal or vertical type with back wash facility as per system requirement. These filters are manufactured from best quality of carbon steel plates. Large vessels are provided with access manhole. Filter media in sand consisting of a bed of fine quartz sand supported by layers of graded well washed selected gravels. In the carbon filter the filtering bed consist of activated carbon granules of various sizes. Glando multi bag filters are manufactured to handle large flow rate with low cost of maintenance. They are designed and manufactured to meet the process requirement.



### BASKET FILTER

Glando Basket filter is manufactured in simplex and duplex type construction with suitable material. Duplex Basket Filter provide ease of cleaning the element without interruption of the process. Two simplex basket filters connected with a pair of three way ball valve with a common single handle makes a duplex basket filter. By rotating this common handle flow is diverted from filter in operation to the standby idle filter. The clogged filter element can be cleaned and made ready for next change over. Simplex/ Duplex type basket filters are available in fabricated and cast construction. Simplex basket filters in cast construction are called pot strainers or bucket strainer. Filters are manufactured up to diameter of 48" NB size and filtration down up to 5 micron. Low press drop, large dirt holding capacity, ease & low cost of maintenance are some special features of Glando Basket Filters.



### CARTRIDGE FILTER

Glando cartridge filter are manufactured using wound or sintered filter cartridge of cellulose, ceramic, fiberglass, polypropylene nylon, bleached cotton, sinter metal cartridge which give filtration down to 0.45 micron. Pleated type filter elements made of fine wire mesh are also very popular now days Pleated Element are cleaned with suitable means and can be reused. These types of filter have proved cost effective. Cartridge filters are suitable for fine filtration only and are generally used after some kind of coarse filter in the system. These filters are suitable for most liquid or gases and are available in simplex or duplex type construction.





## **STRAINERS & FILTERS**



### **FILTER APPLICATION**

Our Filters are made to remove the hazardous foreign element and provide protection against damages and risk of nation. Our Filters and Strainers are used extensively throughout Major Pipelines, Refineries, Petrochemical Plants, Power Plants, Pulp and Paper Plants, Chemical Plants, Pharmaceuticals, Gas Transmission Companies, Gas Distribution Companies, Utility Companies, and the Process Industries. The most popular applications are Boiler feed water, Condensate service, Cooling water, Lubricating, Fuel, Hydraulic & Transformer oil, Naphtha, Water for fire protection system, Compressed air & gases, Steam and many other process Fluid.

### **FILTER DESIGNING AND MANUFACTURING**

Filters are designed with extra care using best suitable material for the process fluid, including low as well as high temperature services and sour services etc. Housings are designed as per ASME Sec VIII Div.I, IBR, and other national & international codes on request. Visual or Audible warning system is provided to get alert for clogging of filter element on request. Raw material used strictly conforms to the their specification in grades of carbon steel, alloy steel, austenitic steel, high alloy steel etc. in form of plates, pipes, forging & casting etc. Welding is completed in accordance with approved welding procedure and by qualified welders as per ASME sec. IX, IBR, etc. Filters are manufactured under third party inspection by PDIL, LRIS, BVIS, ABS, CEIL, L&T, EIL, ICB, TPL, NTPC, UHDE, JH & G, and others as required.

### **QUALITY ASSURANCE**

Stage and final inspection is carried out as per approved Quality Assurance Plan. Raw material is strictly checked for its conformity to its specification. NDT like RT, UT, PT, MP, & Hydraulic & Pneumatic Test, Pressure Drop Test, Dimensional, Visual, Paint Finish & DFT Check, etc are carried out as per requirement. Filters are supplied under third party inspection by PDIL, LRIS, BVIS, ABS, CEIL, L&T, EIL, ICB, TPL, NTPC, UHDE, JH & G, and others as required.

AN ISO 9001-2008 COMPANY



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## Hydraulic Concrete Mixer - 10/7 CFT

We fabricate a wide range of 10/7 CFT concrete machine that is hydraulic type. These construction concrete mixer have batch of 200 Lts. 10 CFT unmixed/ 7 CFT mixed. Made from steel sections, the chassis of the machine is heavy duty and robust in construction. These machines come with A.C. drive Electric motor with starter and hydraulic operated heavy duty power patch loading hopper.

These machines also have:



Batch Capacity	200 LTS.10 CFT Unmixed / 7 CFT Mixed.
Power Requirement	A : 7.5 H.P 1500 R.P.M Air – Cooled Diesel Engine Mounted B : 7.5 H.P 3 Phase 1440 R.P.M Electrical Motor.
Houses	ISI Mark High Pressure House To Circulate Hydraulic Oil
Loading Hopper	Hydraulic Operated Heavy Duty Power Patch.
Chassis	Heavy Duty, Robust Made Form Steel Sections.
Handling	4 Nos. Pneumatic Tyre With Roller Bearing With Excel Shaft.
Batch Capacity	200 LTS.10 CFT Unmixed / 7 CFT Mixed
Transmission	To Loader Shaft Is Through a Con Clutch & Chain The Machine Can Be Operated By Diesel Engine Or Electric Motor
Power Requirement	A: Diesel 6.5 H.P 1500 R.P.M Air Or Water Cooled Diesel Engine B: Electric 7.5 H.P. 3Phase 1400 R.P.M Drive Electrical Motor
Handling	4 Nos. Pneumatic Tyre With Roller Bearing With Excel Shaft

## Concrete Machine

Batch Capacity	200 Lts.10 Cft Unmixed / 7 Cft Mixed
Transmission	To Loader Shaft Is Through a Con Clutch & Chain The Machine Can Be Operated By Diesel Engine Or Electric Motor
Power Requirement	A: Diesel 6.5 H.P 1500 R.P.M Air Or Water Cooled Diesel Engine B: Electric 7.5 H.P. 3Phase 1400 R.P.M Drive Electrical Motor
Handling	4 Nos. Pneumatic Tyre With Roller Bearing With Excel Shaft



## Concrete Mixer 3/4 Bag



Our concrete mixer 3/ 4 bags come in batch capacity of 140 lts. (7/5 cft. ). These construction concrete mixer, have robust construction and come in the following specifications:

- transactions - drive from the engine is provided with roller chain & machine cut sprockets.
- power requirement:
  - a : diesel : 5 hp 1500 rpm. Air or water cooled.
  - b : electric : 5 hp 3 phase 1500 rpm
  - c : a. C. Drive electric motor with starter.
- handling - pneumatic tyre with roller bearing with excel shaft.



## Concrete Mixer Half Bag

We design and manufacture a wide range of concrete mixer half bags that come in batch capacity of 100 Lts. (5/3.5 cft.) and transmission is done through 'V' groove pulley. Durable and long lasting, our range of concrete mixer half bags comes in following specifications:

- Power Requirement:
  - Diesel : 5 HP 1500 RPM. Air or Water cooled diesel engine
  - Electric : 2 HP 1500 RPM. /3 Ph. Electric motor
  - A.C. drive Electric motor with starter



## Wheelbarrow



We design and manufacture a wide range of wheelbarrow that is hand operated. Made using high quality raw materials, these machines are durable durable in quality. We have made these products in different sizes. Owing to their superior features, our range of wheel barrows are used in the construction industry.

## Vibrating Plate Compactor

We have for our clients a wide range of vibrating plate compactors that is offered in plate size of 610 x 445 mm. (24 x 18 ins.) and compacting surface of 0.26 sq. meters (2.88 sq. ft.). Available in height of 648 mm. (25.5 ins.) with handle extension removed and width of 630 mm (28 inches).

● The other technical specifications include:

- Weight - 150 kg (Approx)
- Centrifugal Force - 1.811 kg.(3.994 lbs.) (Vibrating unit)
- Vibrating Frequency - 5,600 v.p.m. maximum
- Forwarding Motion - 14-20 meters/ minute (45 to 85 per min.)  
(This depends upon back till or surface conditions.)



## Power Trower/ Floater



Engineered to provide higher output to our clients, our power trower/ floaters are durable in quality. Highly resistant to corrosion and wear & tear, these machines are low power consuming. Made using best quality raw materials, these power trower/floaters have a longer & better working life.



# Vibrator Needle

Leading Importer and Supplier of Vibrator Needle such as Needle Vibrator, Slump Cone and Cube Mould from Ahmedabad.

## Needle Vibrator

Power	HP	Volts / Strokes	RPM
Petrol Kerosene / Petrol Diesel Diesel engine Electrical	1.5	2 Strokes	3000
	5	4 Strokes	3000
	2	1/3 Phase	2800

## Needle

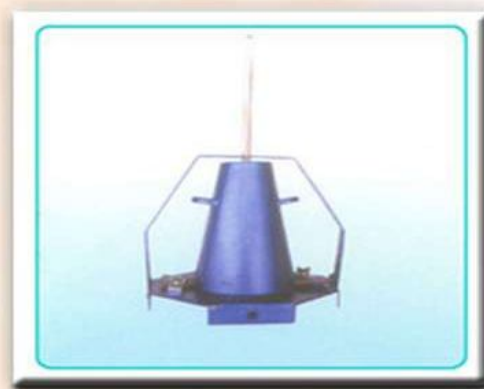
Dimension	Shaft length	Hoselength (mtrs)
25	600mm.	6/4
40	600mm.	
60	600mm.	



## Cube Mould



## Slump Cone



Offering you a complete choice of products which include Tower Hoists such as Tower Hoist (Angle Type) and Tower Hoist.

### Tower Hoist (Angle Type)

Power	10 HP Diesel Engine or 10 HP Elec. Motor
Capacity	750 Kg gross load carrying capacity
Max. Height	110Ft Speed
Speed	25 mtr / min but can also be designed according to the specific requirement.
Column	50 x 50 x 5 mm angle
Wheels	Pneumatic Wheels
Wire Rope	12mm steel core



### Tower Hoist



Power	12.5 HP Diesel Engine or 15 HP Elec. Motor
Capacity	1000 Kg gross load carrying capacity
Max. Height	200Ft
Speed	33 mtr / min but can also be designed according to the specific requirement.
Wheels	Pneumatic Wheels
Wire Rope	12mm steel core
Power	10 HP Diesel Engine or 10 HP Elec. Motor
Capacity	750 Kg gross load carrying capacity
Max. Height	110Ft Speed
Speed	25 mtr / min but can also be designed according to the specific
Column	50 x 50 x 5 mm angle
Wheels	Pneumatic Wheels
Wire Rope	12mm steel core