



# Ovesh Industries



**Mfg. of Air Pollution Control Equipments**  
**Material Handling Equipments**  
**Welding Automization Machines**  
**All types of Electrical Control Panel**

Manufactured By :

 **Ovesh Industries**

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## MATERIAL HANDLING EQUIPMENTS

### BELT CONVEYOR

We are supplying Belt conveyor with conveyor roller, Carrying idler, impact idler, self-align carrying idler, V-carrying idler, Return Idler, Self-align return idler, Conveyor structure, Drum pulley, Bearing housing and labyrinth seal.



More information about Belt conveyor

Our roller design is mainly prevent to dust and water to enter in bearings by using dust cover and rain cap. Also manufacturing pulleys, carrying rollers with rubber disk, guide rollers etc. Also Length of roller and frame to suit the belt width and customer requirement.

Details :

Size of Roller OD : 76.1, 88.9, 114.3, 139.7, 152.4, 159 mm

Relevant standard : IS 11592, IS 8597, IS 4776, IS 8531

### SCREW CONVEYOR

We are one of the leading in mfg & Supply of screw conveyor to give the solution for inclined screw conveyor, Through conveyor, Twin conveyor to deliver powder, granular particles and stores in ware housing, hoppers, etc. This screw conveyor is used to continue flow or as batch type transfer material from output point to storage points. It is very simply compact and free flowly design of deliver material.

More information about Screw conveyor

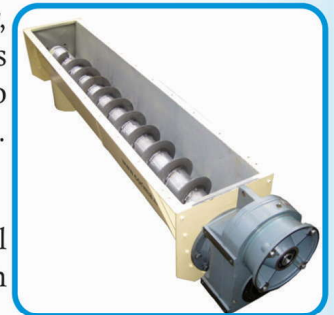
The feature of this construction is helix flight design to easily move the material with low power consumption. The flight is made in one half, full and double pitch of the screw, which is used as per application.

Details

Size of Screw : 4", 6", 9", 12", 14", 16" and as per customer specification.

Material : M.S, S.S

Relevant standard : IS 5563, IS 13324, IS 12960, IS 7155.



### EOT CRANE



We are offering the crane solution with impact for easy material handling and low price of operating as well as capital cost. We have developed the specially bearing housing to reduce the power consumption. We supply all type of overhead cranes, Gantry crane, Hoist, Jib crane, as per customer requirement.

Relevant Standard : IS 3177, IS 807, IS 4137.

Capacity in Ton : 1, 2, 3, 5, 10, 15, 20, 25, 30, 40, 50 etc.



## APRON CONVEYOR

Our Apron conveyor is made from various flight link with roller chain arrangement, which give the long life solution to transfer the solid material with short span.

More information about Apron conveyor

The Apron conveyor is mainly design for low power consumption with special construction of roller chain with K1, K2, A1, A2 attachment and individual apron top palates (join on chain) to transfer the material inclination or in horizontal position, We can design width of the conveyor as per load capacity and components shape and size.

Relevant standard : IS 8599, IS 7155, IS 7423



## BUCKET ELEVATOR



Bucket Elevator to move material in vertical direction and we have taken care of tensioning arrangement and also special design crowned pulley for gripping the bucket belt. We are using casted/fabricated bucket for lift the material. The bucket elevator specially design with rigid construction for its long life.

The size and capacity is design as per customer requirement.

Relevant standard : IS 7167, IS 12941, IS 6833, IS 7054, IS 12961, IS 6930, IS 10131.

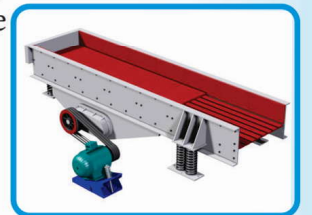
## VIBRATING FEEDER

We are offering complete solution to transfer material from one place to another place .It transfer the bulk material with high productivity and low feed rate . This is working on the principle of amplitude of screen by Electro magnetic shaking motor in one direction.

This Design is rigid with proper structural support for long life.

Details : Material of construction : M.S / S.S

Relevant standard : IS 12401, IS 12213, IS 8723, IS 7155.



## TRANSFER CAR

The Transfer car specially design with rigid construction, Specially design Bearing housing arrangement and top bad is as per custom requirement. It is operated by geared motor with cable reeling drum arrangement. Also, we can supply as per customer requirement.

Details :

Size of trolley, Rail size and gauge : As per customer requirement or components specification.

Capacity in Ton : 1, 2, 3, 5, 10, 15, 20, 25, 30, 40, 50, 75 etc.

Relevant standard : IS 3177.

# AIR POLLUTION CONTROL EQUIPMENTS

## BLOWER

Blower is known for its high efficiency with lower power consumption due to specially design of fan blade, rigid construction and dynamically balanced impeller. We provides blower as per customer orientation and require specification.

Details :

Capacity : Up to 50,000 CFM

Pressure : Up to 30 inch

Material of : M.S / S.S / PP / FRP

Relevant Standard : IS 4894, IS 10431, IS 13368.



## DUST COLLECTOR



Reverse pulse jet type dust collector consist of non woven polypropylene bags, Aluminum casted ventury, wire cage and air pipes . Function of this dust collector is filtered air passed from bags and dust particles stick on bags. Then after some interval compressed air blow in bags, bags will vibrate and dust particles fall down in hopper. The dust collector is available in multiple of bag range like, 16, 25, 36, 49, 64, 81, etc... and height to suit with customer premises. Which is most useful to control the emission level. also we supply mechanical shaker & cartridge type dust collector.

Details :

Capacity : Up to 50,000 CFM

Material of : M.S / S.S

Emission Level : As per relevant standard.

## CYCLONE

Cyclone Separator is simply fabricated construction from M.S. /S.S. material. In this, air flow is tangential so, due to tangential flow of air there is cyclone produce in cyclone separator and all heavy dust particles are fallen in bottom of hopper and clean air remove from the top of cyclone. Also, we can supplied multi cyclone as per customer requirement.

Details :

Capacity : Up to 20,000 CFM

Material of : M.S / S.S



## FUME EXTRACTION SYSTEM



Fume Extraction System for fume generating point like welding, soldering, solvent, decreasing tank, melting furnace, pouring station, laboratory, plating tank, open surface tank, spray paint etc. The fume sucks by the vacuum of blower through duct and it will be discharge to atmosphere with scrubbing.

Capacity

: Up to 50,000 CFM

Material of Construction

: M.S., M.S.-SRP, AL., S.S.



## Rotary Air Lock Valve



Rotary Air lock valve, As per its name this valve is locked air due to precision manufacturing of rotor and rotor body. So, all material flows freely from the bottom of the dust collector or cyclone separator. Mainly function is to prevent the production of negative pressure in dust collector/cyclone separator and continue feed the material in hopper or collection bin.

Details :

Size : 6", 9", 12"

Material of : M.S / S.S / C.I.

Related Standard : IS 14169.

## WELDING AUTOMIZATION MACHINES

### About Column & Boom Manipulators

Column & Boom is one of the main equipment for welding boiler, pressure vessel, pipeline and structural metal; It is composed of an automatic welding system with roller, positioner and rotation mechanism that is used for welding pressure vessel, spherical head welding and inside cladding for barrel and shell covers.

It could use TIG, PAW, TIG, MIG/MAG, SAW welding process.

4x4 mtr C&B	6.5x6.5 mtr	8x6 mtr	4x5 mtr
5x4 mtr C&B	5mx4 mtr	3x3 mtr	2.5x3 mtr
6x6 mtr C&B	6x6 mtr		



### Self - Aligned Welding Rotator

The GLHZ series welding rotator is absorbing advantages of similar products at home and abroad, and designed and manufactured by us according to the operation requirements of several pressure vessel factories, and accord with mechanical standard JB/T 9187-1999. It is the device for special purpose adopted to weld metal cylinder especially pressure vessel. It has advantages of advanced technology, reliable quality and simple operation.

This is self-aligned welding rotator which is suitable for different diameter products in the range, and it has advantages of stepless speed adjust, low noise transmission and stable turning under the welding parameter in the range.

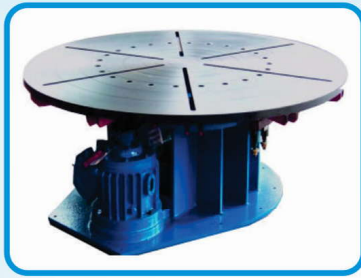
Load Capacity : 1 Ton to 150 Ton

### Gear Tilt Positioners

Gear tilt Positioners used for powered, Variable speed tilting and rotation to automate and increase welding productivity of cumbersome, heavy work pieces.

Load Capacity : 1 Ton to 150 Ton





### Low Profile Turntables

Low profile turntable are used for precise positioning in the flat or horizontal position. Ultra-low profile turntables are the lowest profile turntables available on the market. Available in any table size or Capacity : 1 Ton to 100 Ton

### Vessel Turning Rolls-Height Adjustable

Dual adjustable drive heads designed such that load can always be centered on rolls ; use thane wheels to protect and grip work piece. Standard features include height adjustability for safe and stable clearance of fittings. Wheeled base compatibility by for track mount installations.

Capacity : 1 Ton to 500 Ton



## ELECTRICAL CONTROL PANEL & AUTOMIZATION

### Panel

Rely on us to buy the best in class Electrical Control Panels; we are a notable Supplier in this domain. In order to deliver qualitative lot of products, we have hired a team of quality examiners who strictly check the product quality at several stages.

All reputed make PLC & Relay logic type MCC with all type of IP (IP 42, IP 55, IP 65 ) protection.

- Outdoor type feeder panel
- VFD Panels
- Air circuit breakers panels
- Power & Light Distribution Panels
- Automatic power factor correction panel
- Power Control center
- Rolling mill starter panel
- Distribution panel



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**Dealer :**