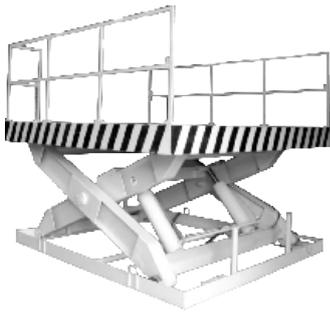
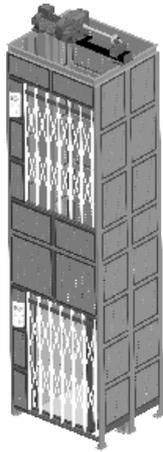


HYDRAULIC
EQUIPMENTS



VERTICAL RECIPROCATING
CONVEYOR



TE **TECHNOVISION**
ENGINEERS PVT. LTD.



CONVEYOR



 **TECHNOVISION**
ENGINEERS PVT. LTD.

TEPL UNIT 1



 **TECHNOVISION**
ENGINEERS PVT. LTD.

TEPL UNIT 2

TECHNOVISION ENGINEERS PVT. LTD.

TEPL is one of the leading manufacturer of **Material Handling Equipment**. The core focus of the company lies in superior quality and excellent customer services. With expertise and constant innovation in the industry, company also undertakes turnkey projects with Design, Manufacturing, Supply, Erection and Commissioning activities. The company is one of the front runner in Manufacturing **Material Handling Equipment** and **Vertical Reciprocating Conveyor** in India with an ISO 9001-2015 certification. The production house has the capability to conduct in-house R & D and the company possesses exceptional talent for designing in terms of manpower, knowledge and technology. The company owns two manufacturing set-up and total area of 28000 sq. ft. with all manufacturing and design facility. TEPL is well known to deliver state of the art contemporary designs with their range of Material Handling Equipment.

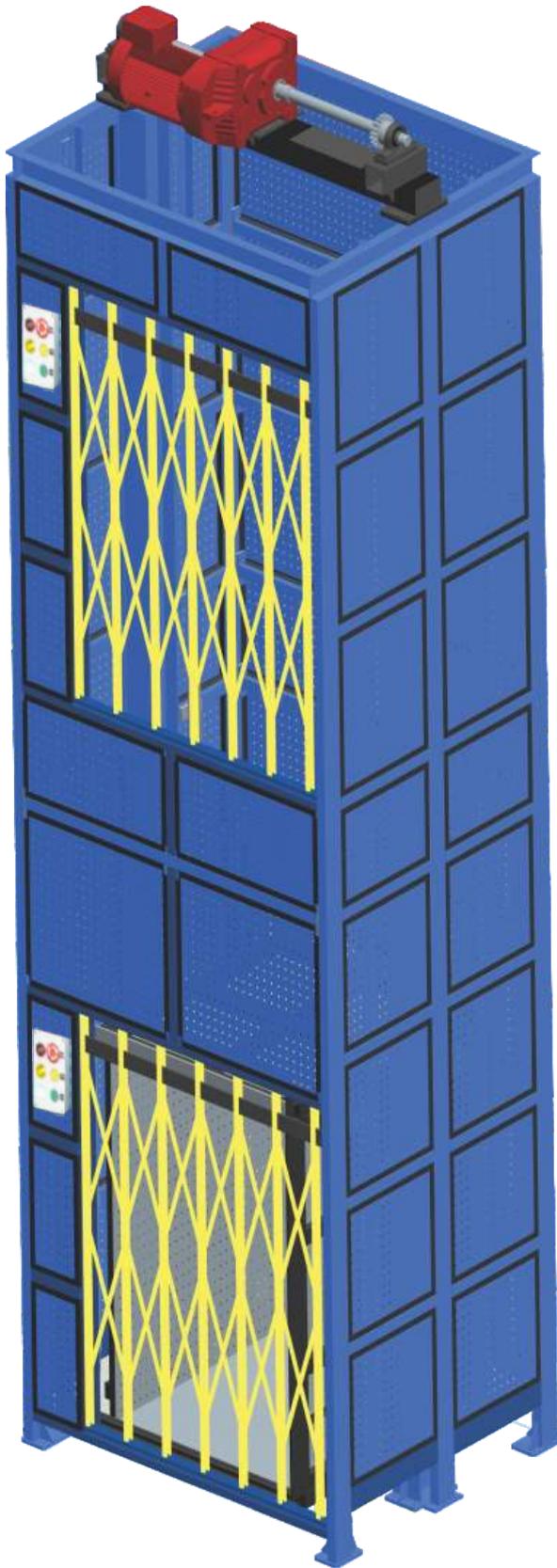
Our Journey

- 1998 Beginning of a fascinating journey of technical expertise with machinery activity using just 100 sq. ft. of space in MIDC Bhosari, Pune.
- 2001 The striking start of manufacturing trolleys and pallets in Chinchwad, Pune, which led to an expansion of space to 3500 sq. ft.
- 2004 In order to widen horizons, the company was officially registered as a Pvt. Ltd. Company.
- 2005 With a vision of expansion, relocated headquarters & main production unit at Chikhali MIDC, Pune, with a large space of 16,500 sq. ft.. Also ventured into designing and manufacturing of Unit Handling Conveyor Systems.
- 2006 The efforts of the company were recognized and the company was awarded ISO 9001 certification.
- 2008 Success followed and the company invested to set up a new factory.
- 2010 Registered under D & B, D-U-N-S.
- 2011 The awards and accolades kept pouring in. The company was awarded ISO 9001:2008 by TUV.
- 2012 The growth curve became stronger and Technovision Engineers established a new company called **Techno Pipes and Joints**.
- 2012 In order to tap wider market, the company entered the business of **Hydraulic Equipment Manufacturing**.
- 2014 With newer technical expertise and innovations, renewed ISO 9001:2008 by TUV.
- 2014 The development continues with the introduction of design and manufacturing of **Vertical Reciprocating Conveyor**.
- 2017 With newer technical expertise and innovations, renewed ISO 9001:2015 by TUV.

Enter the world of solutions that lies on the next pages.

VERTICAL RECIPROCATING CONVEYOR

↘ 'TWO POST' VRC



VERTICAL RECIPROCATING CONVEYOR

↘ 'TWO POST' VRC

General:

Technovision 'Two Post' VRC is widely used to move the material from one floor to another floor with great safety. It is a self-supported free standing structure.

Product Range:

Series 'Two Post' VRC is available with lifting capacity up to 2000kgs, carriage size 1500x1500mm and travel height 16.0Mtrs.

Structure:

Modular design with MS tubular structure with 'T' guide and vertical 'H' beams. Carriage is MS fabricated tubular structure with checkered platform. Carriage is covered with MS perforated sheet at non-operating sides, operating sides are provided with collapsible doors. Vertical structure has provided with MS bracing and can be also covered with MS perforated sheet optionally.

Operation:

Carriage lifting & lowering movement is controlled with SEW Fail Safe Motor and speed Reduction Gear Box with the help of Chain & sprockets mechanism.

Safety:

- 2 Nos. of spring loaded Safety cams are provided to arrest sudden fall of the carriage due to failure of lifting chains.
- Bottom Safety Limit Switch provided to prevent carriage from hammering the ground in case of failure of the level floor limit switch
- Chain Tensioner Limit Switch provided to stop the carriage in case of the lifting chains are pulled out due to any external obstruction in the upward / downward movement of the carriage
- Top safety counter weight limit switch provided to cut-off the main power supply in case the carriage does not stop due to the failure of top floor level limit switch
- Landing station collapsible doors are interlocked with electro-mechanical limit switches.
- Common contactor is provided to cut-off the main power supply if the up/down contactor is failed.

Enquiry Data:

Please specify the technical details as under;

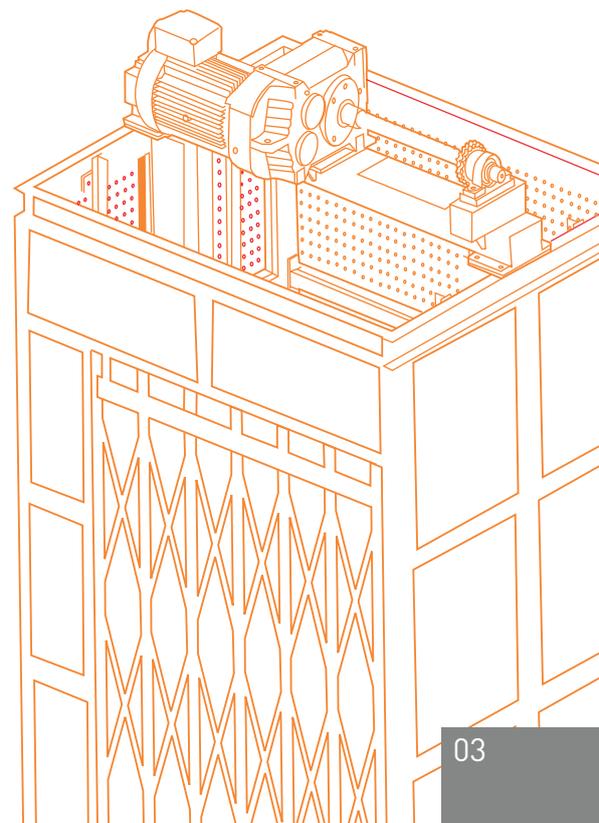
UDL Capacity, Kgs: Please specify Load carrying capacity.

Carriage Size, mm: Width x Depth x Height

Vertical Travel, mm:

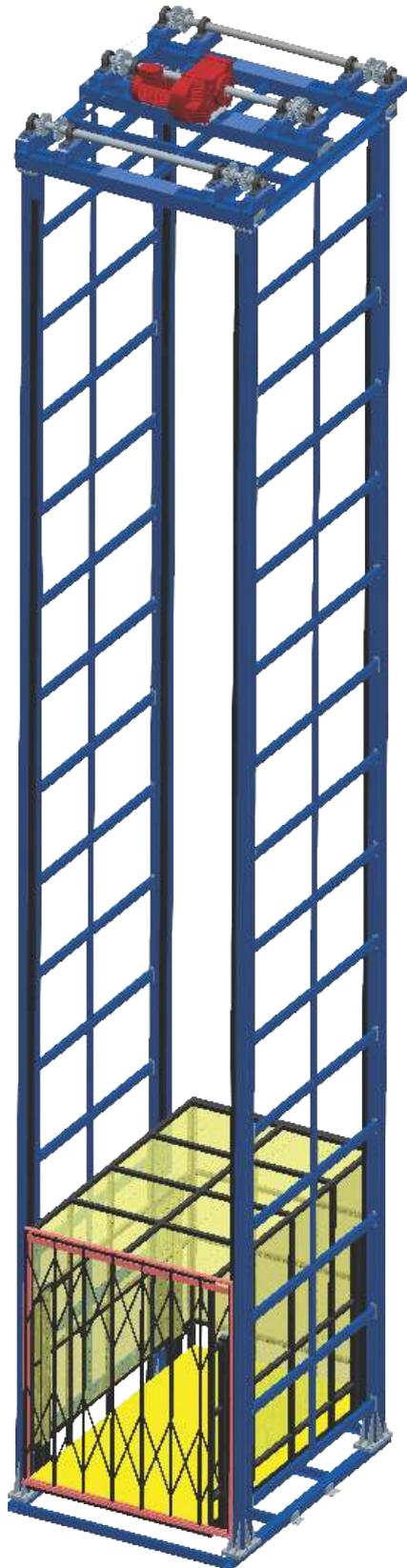
Number of Stops: G + 1 / G + 2 / G + 3 etc.

Location: Please specify the location for installation.



VERTICAL RECIPROCATING CONVEYOR

↘ 'FOUR POST' VRC



↘ CANTILEVER VRC



VERTICAL RECIPROCATING CONVEYOR

↘ 'FOUR POST' VRC

Series 'Four Post' VRC designs offer maximum capacity and rigid for post design for heavy load application.

- VRC heavy bulky oversized load.
- Transfer multiple pallet loads, large carts, oversized paper loads and heavy machineries between one and multi floors.
- Offers maximum flexibility and carriage size, capacity and haulage traffic patterns
- Loading and unloading can be done from all four sides
- Engineered to meet your exact application requirement
- Carriage lifting & lowering is controlled by heavy roller chain & sprocket attached to lifting mechanism
- Heavy duty construction with four corner support provides superior strength, reliability and long term performance

General:

Widely used to move the material from one floor to another floor with great safety. It is a self-supported free standing structure.

Product Range:

Series 'Four Post' VRC is available with lifting capacity up to 2500kgs-5000Kgs, carriage size is customized, travel height 30.0Mtrs.

Structure:

Modular design with MS tubular structure with vertical 'H' beams. Carriage is MS fabricated tubular structure with checkered platform. Carriage is covered with MS perforated sheet at non-operating sides, operating sides are provided with collapsible doors. Vertical structure has provided with MS bracing and can be also covered with MS perforated sheet optionally.

Operation:

Carriage lifting & lowering movement is controlled with SEW Fail Safe Motor and speed Reduction Gear Box with the help of Chain & sprockets mechanism.

Safety:

- 2 Nos. of spring loaded Safety cams are provided to arrest sudden fall of the carriage due to failure of lifting chains.
- Deck locks are provided for additionally safety at critical upper level
- Bottom Safety Limit Switch provided to prevent carriage from hammering the ground in case of failure of the level floor limit switch
- Chain Tensioner Limit Switch provided to stop the carriage in case of the lifting chains are pulled out due to any external obstruction in the upward / downward movement of the carriage
- Top safety counter weight limit switch provided to cut-off the main power supply in case the carriage does not stop due to the failure of top floor level limit switch
- Landing station collapsible doors are interlocked with electro-mechanical limit switches.
- Common contactor is provided to cut-off the main power supply if the up/down contactor is failed.

Application Data:

Please specify the technical details as under;

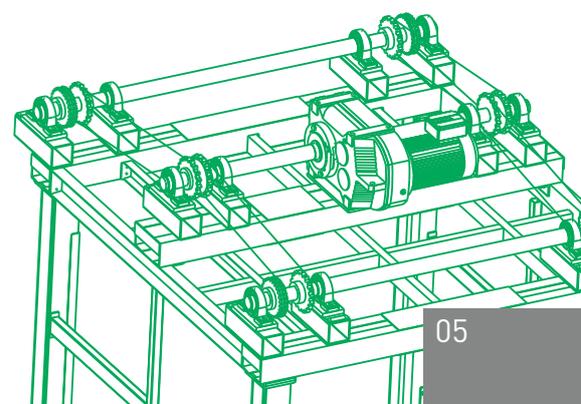
UDL Capacity, Kgs: Please specify Load carrying capacity.

Carriage Size, mm: Width x Depth x Height

Vertical Travel, mm:

Number of Stops: G + 1 / G + 2 / G + 3 etc.

Location: Please specify the location for installation.



↘ ELECTRO-HYDRAULIC SCISSOR LIFT



Application:

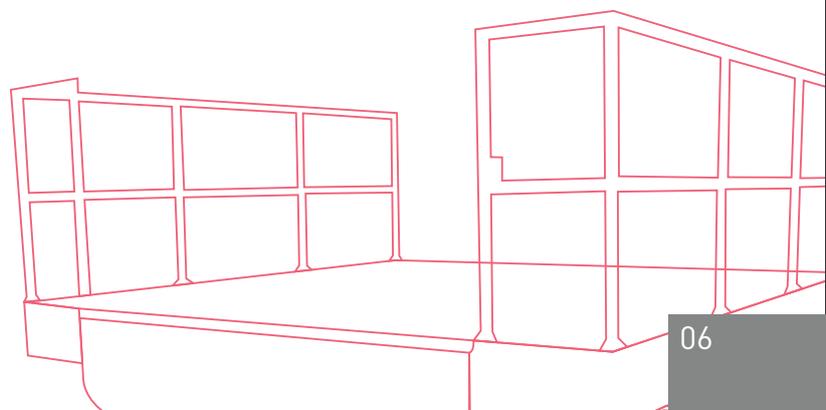
- Widely used for loading and unloading of the material from one shop floor level to another. Can be installed into the civil pit and on the floor as well. The equipment also can be used as goods lift height up to 9-10M.

Range:

- UDL Capacity varies from 500kgs to 15000kgs. Platform size and lifting height is totally customized. 440VAC powered.

Note:

- 100% customization is possible
- Flameproof controls are available



↘ ELECTRO-HYDRAULIC DOCK LEVELER



Application:

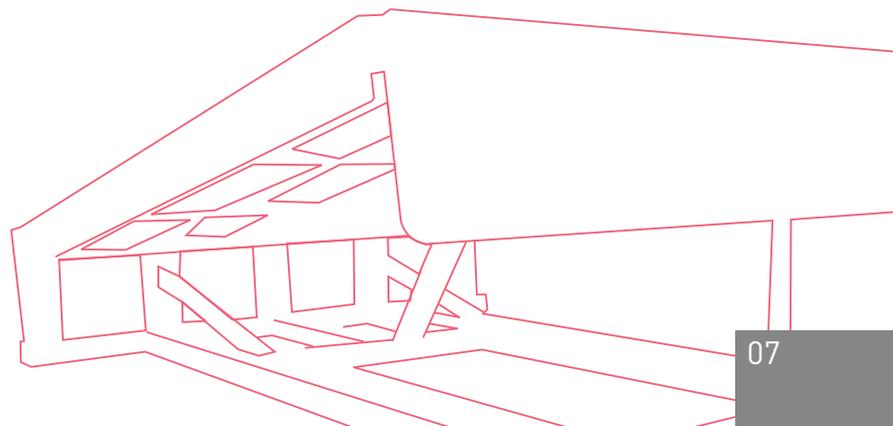
- Widely used to bridge the height difference between the vehicle level and the shop floor at dispatch bay.
- To be installed in to the civil pit.
- Ideal shop floor height from the ground floor for the installation is 1100 mm to 1200 mm.

Range:

- UDL Capacity varies from 6T/9T/10T/12T/15T,
- Standard Platform size is 2.5M x 2.0M.

Note:

- Platform size can be customized
- Flameproof controls are available



↘ MOBILE HYDRAULIC DOCK RAMP



Application:

- Useful to bridge the height difference between the shop floor and the vehicle platform. This equipment can be carried from one place to another with the help of Forklift. Mostly used for container loading and unloading by forklift.

Range:

- UDL Capacity varies from 6T/9T/10T/12T/15T.
- Overall size is 13.1M x 2.1M

Note:

- Hydraulic control is available with AC power pack and Manually Operated hydraulic hand pump.

↘ HIGH RAISED ELECTRO-HYDRAULIC SCISSOR LIFT



Application:

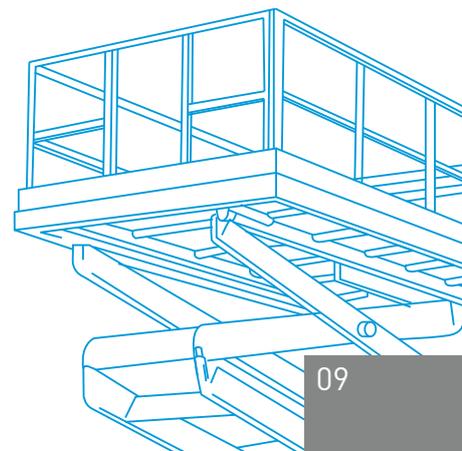
- Most preferred equipment to reach to the working point at the height during any kind of overhead maintenance work. AC/DC input powered. Useful for indoor/outdoor application into the factory premises. Platform can be extended lengthwise up to 800mm with 100kgs capacity.

Range:

- UDL Capacity available 300kgs and 500kgs. Lift height is available up to 3.0/4.5M/6.0M/7.5M/9.0M

Note:

- Flameproof controls are available



↘ SINGLE MAST TYPE ELECTRO-HYDRAULIC GOODS LIFT



Application:

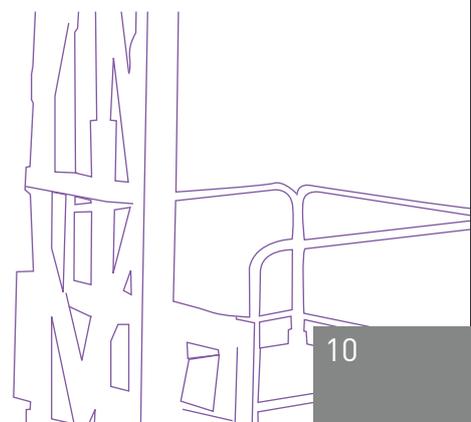
- Widely used to transfer material from one floor to another. It is to be installed with wall support at the one side and rest 3 sides can be used for loading & unloading purpose.

Range:

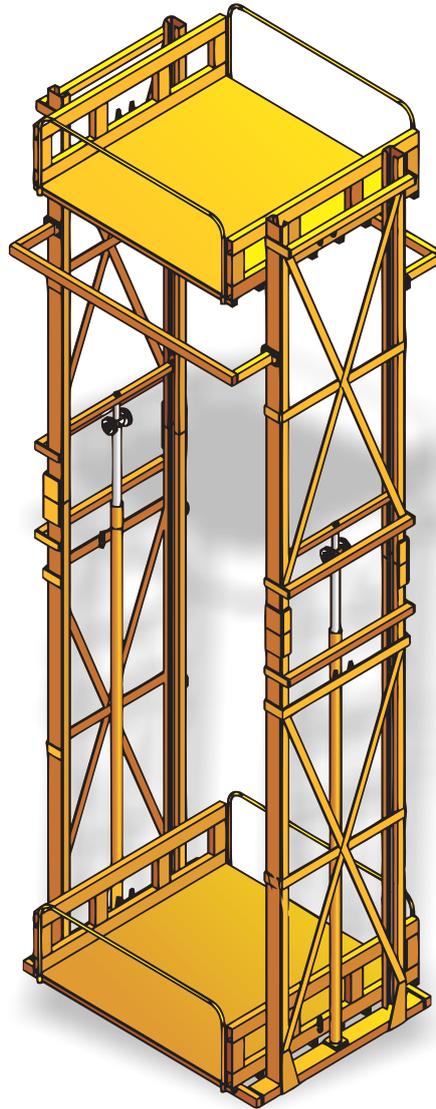
- UDL Capacity available up to 1500kgs. Platform size is maximum 1500x2000mm and Lift height is available up to 10.0M.

Note:

- Flameproof controls are available
- Can be constructed in SS 304/316 etc.



↘ DOUBLE MAST TYPE ELECTRO-HYDRAULIC GOODS LIFT



Application:

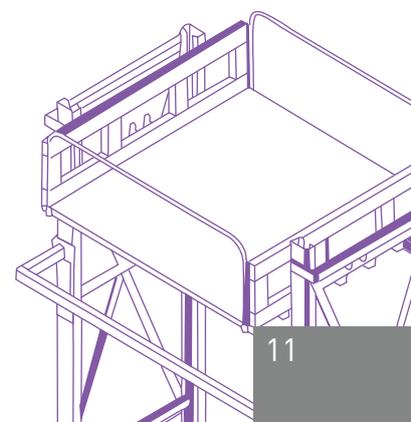
- Widely used to transfer material from one floor to another. It is to be installed with wall support at the two sides and rest 2 sides can be used for loading & unloading purpose.

Range:

- UDL Capacity available up to 2000kgs. Platform size is maximum 2000x2500mm and Lift height is available up to 10.0M.

Note:

- Flameproof controls are available
- Can be constructed in SS 304/316 etc



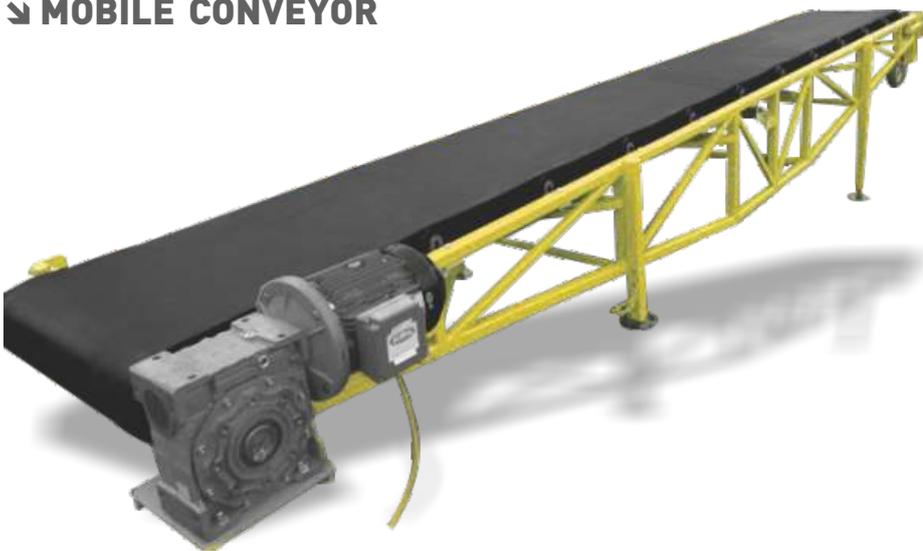
CONVEYOR

↘ BAG / BOX HANDLING BELT CONVEYOR

↘ BELT CONVEYOR



↘ MOBILE CONVEYOR



↘ STACKER



CONVEYOR

↘ BAG / BOX HANDLING BELT CONVEYOR

↘ NON HYDRAULIC TRUCK LOADER



↘ HYDRAULIC TRUCK LOADER



Application:

Belt Conveyor widely used for loading and unloading of bags, carton boxes in various industries. Widely used in sugar industries, distilleries, pharmaceuticals , packaging industries, warehouses.

Capacity:

5 kg to 500 kgs

Features:

Most important feature: Very smooth conveyence, man power reduction and less time consumption.

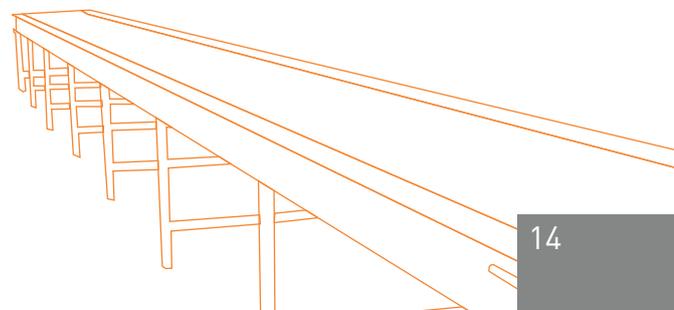
➤ ROLLER CONVEYORS



Application:

Widely used for handling of unit loads, high-volume materials. There are two types of Roller Conveyors: One is Gravity type Roller Conveyor which requires no operational external power, another is Powerised Roller conveyor which is provided with electrical motor for its operation.

Gravity roller conveyors are a very economical and versatile form of conveyance and have many applications.



CONVEYOR

↘ CHAIN / WIRE MESH CONVEYOR



Application:

Chain conveyors for Metal Scraps and Metal Chips, Pallets Handling Chain Conveyors for automobile industries. Chain conveyors also have wide spread use in the white goods, Metal finishing and distribution industries. Chain conveyors are also used in the painting and coating industries, this allows for easier paint application. The products are attached to and above head chain conveyor, keeping products off the floor allows for higher productivity levels.

Wire mesh belts are ideal metal conveyor belts for light transfers and positive drive. The large open area make wire mesh belts the most efficient metal conveyor belt for many applications and a variety of processes.

Features:

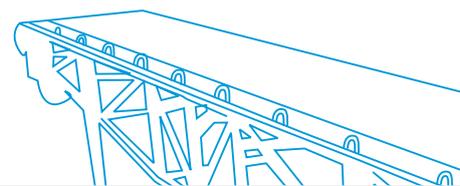
Flexibility permits changes in existing designs. Can be used in extreme working conditions where use of belt conveyor is not possible, in few cases of high temperatures, high inclinations.

↘ SLAT CONVEYORS



Application:

Slat conveyors consist of endless chains, driven by electric motors operating through reduction gears and sprockets, with attached spaced slats to carry objects that would damage a belt because of sharp edges or heavy weights.



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Gat No. 1559 -1560, Dehu Alandi Road, Shelar Vasti, Chikhali, Pune - 412114.

Tel. No.: (+91) (20) 66 346 500 / 501

E-mail: contactus@technovisionengrs.com

Website: www.technovisionengineers.net, www.technovisionengrs.com