



# **ASB EQUIPMENTS AND SOLUTIONS**

**PRODUCTS CATALOGUE**



## Truck Loader Conveyor :-

### Application:

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

### Specific Features:

- Capacity–Asper Requirement.
- Size–Asper Requirement/Asper application.
- Quick and efficient transportation of sugar/rice/wheat/Atta bags, Gunny bags, Oil Tins, small oil drums, cotton roles, crates etc.
- Reduces Human Fatigue/Stress and increase operator friendliness.
- Improve safety and make the process more systematic.
- Widely used in Automobile, Warehouse & Logistics Industry

### Application:

- Widely used for handling / conveying of unit loads, high-volume Material from loading station to unloading station.

### Specific Features:

- Capacity–As Per Requirement.
- Size–As Per Requirement/As per application.
- Roller Conveyors Types– Powerised /Idler Roller Conveyor.
- Quick and efficient transportation of Boxes/Oil Tins, small oil drums, Plastic bins, crates etc (Roller Conveyors).
- Quick and efficient transportation of sugar/rice/wheat/Atta bags, Gunny bags, Oil Tins, small oil drums, cotton roles, crates etc.
- Reduces Human Fatigue/Stress and increase operator friendliness.
- Widely used in Automobile, Warehouse & Logistics Industry



## Telescopic Belt Conveyor

### Application:

- This is an automatic loading & unloading equipment which can extend directly into containers/trucks/trailers/vehicles. It is widely used in logistics shipping and receiving distribution centres, ports, docks, stations, airports and warehouses. Involving industries of post, home appliances, food, tobacco and light industry. It saves time of walking back and forth to makes the loose loading work more efficient and less intensive. The conveyor is easy to set up and use, little training is required to operate it.

### Specification:

- Width600/800mm.
- FixedLength4000-7000mm.
- ExtendedLength-Up14000mm.
- SpeedUpto15-30mpm.
- Capacity-50kg/mtr



## Flexible Powerised/Idler roller conveyors

### Application:

- Flexible Conveyor widely used for loading and unloading of crates, Bins, carton boxes in various industries. Widely used in Logistic industries, warehouses, etc.

### Specific Features:

- Capacity–50kgs/Mtr.
- Size–As Per Requirement/As per application.
- Reduces Human Fatigue/Stress and increase operator friendliness.
- Improve safety and make the process more systematic.
- Widely used in Auto mobile, Warehouse & Logistics Industry.
- It saves time of walking back and forth to makes the loose loading Work more efficient and less intensive.



### **VERTICAL GOODS LFT (2 POST)**

#### **Application:**

- Widely used to transfer material from one floor to an other. It is to be installed with / without wall support can be used for loading & unloading purpose. Specific Features:
- UDLCapacityavailable500kgs-1500kgs.
- Platformsizeismaximum3000X3000mm.
- Liftheightisavailableupto20.0M.
- Multiple types of gates available like regular type collapsible gate, Bellow type collapsible gate, safety crossbar.
- Interlocking safety–Like Electro mechanical door locks at each floor/Landing doors so operator can not open door while lift is inaction.
- 2 nos of spring-loaded Anti fall device / Safety cam Assy provided to Arrest sudden fall of carriage after chain failure.
- Loading/Unloading from Same Side/Opposite Side.
- Carriage lifting & lowering is controlled by heavy roller chain & Sprocket attached to lifting mechanism.
- Bottom Safety Limit Switch provided to prevent carriage from Hammering the ground in case of failure of the level floor limit switch.

### **VERTICAL GOODS LFT (4 POST)**

#### **Application:**

- Widely used to transfer material from one floor to another .It is to be installed with / without wall support can be used for loading & unloading purpose.

## Specific Features:

- UDL Capacity available 2500kgs-5000kgs.
- Platform size is maximum 3000X5000mm.
- Lift height is available upto 20.0M.
- Multiple types of gates available like regular type collapsible gate, Bellow type collapsible gate, safety crossbar.
- Interlocking safety—Like Electro mechanical door locks at each floors/Landing doors so operator can not open door while lift is in action.
- 4 nos of spring loaded Anti fall device / Safety cam assy provided to Arrest sudden fall of carriage after chain failure.
- Loading/Unloading from Same Side/Opposite Side.
- Carriage lifting & lowering is controlled by heavy roller chain & Sprocket attached to lifting mechanism.
- Bottom Safety Limit Switch provided to prevent carriage from Hammering the ground in case of failure of the level floor limit switch



## **Electro Hydraulic Goods Lift :-**

### **Application:**

- Widely used to transfer material from one floor to another. It is to be installed with / without wall support can be used for loading & unloading purpose.

### **Specific Features:**

- UDL Capacity available 500kgs-1500kgs.
- Platform size is maximum 2000X2000mm.
- Lift height is available up to 10.0M.
- Multiple types of gates available like regular type collapsible gate, Bellow type collapsible gate, safety crossbar.
- Inter locking safety—Like Electro mechanical door locks at each floors/Landing doors so operator can not open door while lift is in action.
- Increase operator efficiency, reduces man power, save valued time.
- Reduces Human Fatigue/Stress and increase operator friendliness.
- Improve safety and make the process more systematic.
- Widely used in Automobile, Warehouse & Logistics Industry.



## 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 5-10M.
- Used for loading and unloading of the material from vehicle like Truck, 20'container, to lift the material at different working height.

### Specific Features:

- Plat form Size-Customized.
- Capacity-500kgs-15000kgs.
- Height-UpTo10Mtr.
- Increase operator efficiency, reduces manpower, save valued time, Prevent rejection/damage/wastage during material movement.
- Reduces Human Fatigue/Stress and increase operator friendliness.
- Improve safety and make the process more systematic.
- It can be stationary or mobile equipment.
- Widely used in Automobile, Food & Pharma, Cement, Agro, Plastic, Chemical, warehouse & Logistics Industry.





## **Electro Hydraulic Dock Leveler & Edge of Dock Leveler :-**

### **Application:**

- Widely used to bridge the height difference between the vehicle level And the shop floor at dispatch by.To loading /unloading of material With the help of Fork Lift.

### **Specific Features:**

- Capacityvariesfrom6T/9T/10T/12T/15T.
- Sizeis2.5Mx2.0M/Customize.
- Increase operator efficiency, reduces manpower, save valued time.
- Reduces Human Fatigue/Stress and increase operator friendliness.
- Improve safety and make the process more systematic.
- Widely used in Automobile, Warehouse & Logistics Industry.



## **Electro Hydraulic Dock Ramp :-**

### **Application:**

- Widely used to used for loading and unloading of the material from Vehicle like Trucks, containers by forklift..

### **Specific Features:**

- UDLCapacityvariesfrom6T/9T/10T/12T/15T.
- Size–13.1Mx2.1M/As per application.
- Increase operator efficiency, reduces manpower, save valued time.
- Reduces Human Fatigue/Stress and increase operator friendliness.
- Improve safety and make the process more systematic.
- Widely used in Automobile, Warehouse & Logistics Industry.



## **Belt / Roller Conveyor:-**

### **Application:**

- Widely used for handling / conveying of unit loads, high-volume Material from loadings tation to unloading station

### **Specific Features:**

- Capacity–As Per Requirement.
- Size–As Per Requirement/As per application.
- Belt/Roller Conveyors Types–Powerised / Idler Roller Conveyor.
- Quick and efficient transportation of Boxes/Oil Tins, small oil drums, Plastic bins, crates etc(Roller Conveyors).
- Quick and efficient transportation of sugar/rice/wheat/Atta bags, Gunny bags, Oil Tins, small oil drums, cotton roles, crates etc.
- Reduces Human Fatigue/Stress and increase operator friendliness.
- Widely used in Automobile, Warehouse & Logistics Industry.



## GRAVITY SPIRAL CONVEYOR SYSTEM

### Application:

- Conveyors gravity roller spiral conveyor, specially used for the downwards transportation of cartons, plastic crate/box and other rigid packaging items. High-quality unpowered roller are installed on the whole conveyor to achieve gentle transportation of product without power consumption

### Features:

- No Power Consumption
- Space Saving
- Reliable Load Capacity
- Low Maintenance Outer diameter: Depends on roller width
- Number of layers and angle: According to the design of Integrated Conveyors
- Height: Depends on required height

### No Power Consumption

- This conveyor is not driven by motor. The products will slip down with friction between roller to complete the declined transportation. Without power consumption and environment friendly



## ASSEMBLY LINE BELT CONVEYOR SYSTEM

### Application:

- Assembly Line Conveyors as name suggests are used for Inline systematic assembly / process of components.
- In these kind of systems, we design the line considering various in process requirements such as no. of operations, time cycle for each operation etc.

### Features:

- Roller conveyor with optional variable speed
- Accurately controlled temperature
- Offers neat, clean and smooth production line
- Fast speed for filling
- Clients can buy filler or complete production line
- Easy to clean and maintain
- Compact in size
- Rugged heavy duty conveyor
- Sturdy steel base
- Casing Material: Stainless Steel, Carbon Steel
- Maximum Load Capacity:600+ lb
- Control Type: Various control available.
- Super Structure in Aluminium sections / MS
- Tower Lamps, Tube-lights, Pneumatic piping, Display Boards, etc.
- Working platforms, Single deck / Double Deck.
- Fixtures, in case of chain / Link Conveyors
- Sensors, PLC based systems, and-on display, etc



## **On-Line Check Weigher:**

### **Application:**

- Check weighing operations are the most common in the food industry where there are a number of products that are produced which have to be carbonated.
- ASB EQUIPMENTS AND SOLUTIONS has a simple solution for check weighing of the products online for finding out the exact weights and online data acquisition applications.

### **Features:**

- The system consists of input conveyor, check weighing system and output conveyor with rejection system.
- With the preset weights of operations, the batch can be set for a maximum accuracy of operations.
- The rejected cartons / crates can be pushed on to a output conveyor or buzzer / hooter can be provided.
- Avoid costly fines with 100% weight inspection
- Keep fillers operating in synchronization
- Save material, so as to produce more products and profits
- Improve production processes and equipment efficiency
- Save labor and personnel costs
- Reduce false rejects and rework
- Maintain the identity of your brand



## **INK JET PRINTING CONVEYOR:**

### **Application:**

- The low-profile Ink Jet Coding conveyor features an ultra-low-profile frame. This compact design allows for installations in confined locations and provides added accessibility for workers in assembly, packaging, inkjet marking, labelling, and other operations.
- Common Lengths for the conveyor, when utilized for Ink Jet Marking processes are typically from 3-feet, 4 feet or 5 feet

### **Features:**

- An assistant device for inkjet printers,
- Compact design, small size, easy to remove,
- Imitate the production line, suitable for small-scale production
- The running speed is adjust to by the adjusting knob, Use the mild steel support and rubber belt



## **HEAVY DUTY METAL SLAT CHAIN CONVEYOR:**

### **ABOUT METAL SLAT CHAIN CONVEYOR:**

- Slat chain conveyors use parallel chains to drive the slats.
- Polymer slats are used extensively in food and beverage manufacturing, and in light industrial applications.
- Steel or timber slats are used in heavy duty or high impact applications, usually at low speed.
- Heavy-duty slat conveyors are generally “built for purpose” conveyors that combine heavy interconnecting slats mounted onto parallel running conveyor chains.


### **FEATURES:**

- HIGH LOAD, HIGH WEAR AND HIGH IMPACT APPLICATIONS
- STEEL OR TIMBER SLATS
- ROBUST, STRONG AND RELIABLE
- LONG CONVEYOR LENGTHS POSSIBLE



# THANK YOU

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