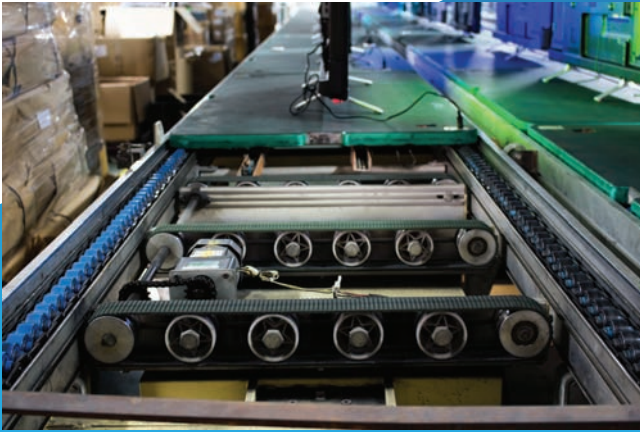


Since 2008



ALINE *Conveyors Pvt. Ltd.*

Conveyor perfection at its best...

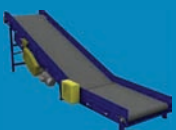
CONVEYOR SYSTEMS

Efficient and reliable material flow.





*High throughput and
improved productivity*



CONVEYOR SYSTEM

We at Aline Conveyors Pvt Ltd

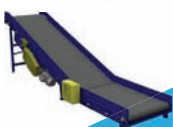
have something on our head; a zest of taking the quality of products from customer satisfaction to customer delights. We are one of the leading manufacturer and exporter of a wide range of Conveyor systems.

The productivity of bulk material manufacturing operations ultimately depends on the speed and efficiency of equipment supplies. That's the reason why so many companies rely on our range of conveyors and components. We understand that quality products must be supported by a responsive service network. Our company policy is to supply excellent range of conveyor parts & systems at competitive prices and give personal attention to our customers. The products of our company have gained popularity all over India.

Valuing our clients and customers, Aline prefers and considers covering up every need and requirement for purchasing and setting up conveyor systems. With strong market identity and quality supplier network, Aline is successfully catering and meeting the requirements of numerous clients on global platforms. Meeting every need of conveyor systems, Today Aline has expanded its networks on a very large scale. With unmatched quality products and services, Aline has succeeded in developing and promising impeccable trust, Satisfaction and delivery to their pool of domestic and international clientele.

It is a matter of pride for us that we are associates with ALEG Engineering who are regarded in the factory automation systems area as a frontrunner. We are fortunate to have had the ALEG's focussed expertise and strict regimen of quality control and commitment to delivering the best.

JAS-ANZ



CONVEYOR SYSTEM

BELT CONVEYOR

Belt conveyors are the most commonly used type of bulk handling conveyor because of their reliability, versatility, and range of capacities. Belt conveyors use an endless fabric-covered belt that traverses between two or more pulleys. The belt is supported by idler rolls at intermediate points. Belt conveyors can handle materials ranging from fine powders to large, lumpy stones.

Rubber Belt Conveyor



Flat Belt Conveyor



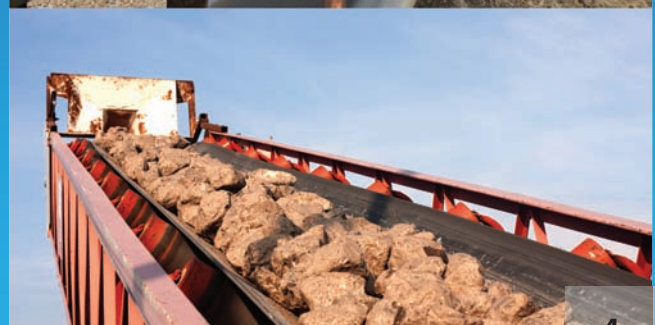
Inclined Belt Conveyor



Cleated Belt Conveyor



Troughed Belt Conveyor



BELT CONVEYOR

Telescopic Belt conveyor



Modular Belt Conveyor



Assembly Line Belt Conveyor



ROLLER CONVEYOR

Roller conveyors may be a powered(Live) or non-powered(Gravity).

The non-powered conveyors are referred to as gravity conveyors by inclining the roller section.

The powered roller conveyors are either belt or chained driven. The rollers are connected individually to the drive shaft. The roller conveyors are well suited for accumulating loads and merging and sorting materials. Because of the rollers the materials being moved on these conveyors must have a rigid riding surface.

Gravity Roller Conveyor

Technical Details:

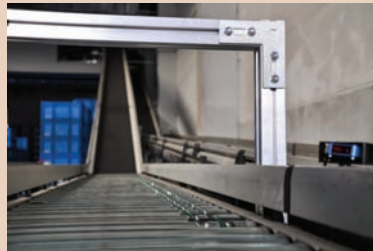
Material Feature	: Heat Resistant
Voltage	: Non-Powered
Dimensions	: Made-to-order
Power	: Non - Powered
Material	: Stainless Steel
Load Capacity	: 100-2000kg/meter
Roller Diameter	: 20-89mm
Roller Width	: 400/500/650/600/800/1000/1200mm
Roller Material	: Stainless Steel
Roller Diameter	: 25/38/50/60/76mm
Conveyor width	: 200-1200mm
Conveyor length	: 1000-12000mm
Standard Length	: 1000/1500/2000/3000/4000mm
Roller Pitch	: 20/25/30/40/50/60/100/150/200/300mm
Shaft diameter	: 12mm
Frame	: 60*30*2.3(mm)
Conveyor size	: CUSTOM



Powered Roller Conveyor

Technical Details:

Voltage	: 220/380v
Material Feature	: Heat Resistant
Load Capacity	: 10-1000kg/meter
Material	: Stainless Steel
Roller Diameter	: 25-219mm or Customized
Roller Length	: 50mm to 1000mm
Roller Material	: Carbon Steel/ Stainless Steel
Motor	: ABB/ ROTOMOTIVE
Conveyor Length	: As Per Requirement
Width	: 18"/24"/30", etc.
Speed	: Adjustable/ Customized
Belt Speed	: 0.8-6.5m/s
Belt Width	: 500-2400mm
Drive	: Chain Driven
Power	: 0.5-6.7HP



Flexible Roller Conveyor

Technical Details:

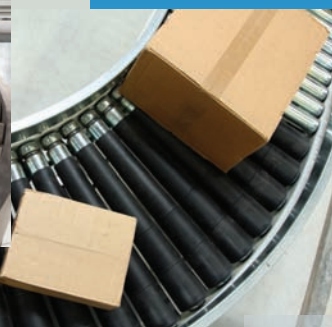
Voltage	: 220/380/415v
Conveyor Width	: 200-1200mm
Conveyor Height	: 700-1200mm
Conveyor Length	: 700-6360mm
Adjustable Speed	: 0-30m/min
Power	: 40w-1100w
length of First/Last Section	: 450-1100mm
Adjustable Height	: 700-1000mm
Roller Diameters	: 38mm,45mm,50mm
Load Capacity	: 100kgs/m
Length of Middle Section	: 400-1000mm
Roller Quantity	: 9 pcs/m
Wheels/Casters	: Swivel Lockable Casters
Roller Material	: Galvanized Steel Rollers



Bend Roller Conveyor

Technical Details:

Material Feature	: Oil Resistant, Heat Resistant
Voltage	: 220/380v
Dimension	: As Per Requirement
Load Capacity	: 100-1000kg/m
Bend Angle	: 45/60/90 & 180 Degree
Bend Radius	: 700mm,900mm,1200mm,1600mm etc.
Frame	: 90mm U-steel
Roller Width	: 200-1000mm
Speed	: 10-20m/min
Power	: 1.5-3hp
Roller Material	: Stainless Steel
Roller Outer Diameter	: 42/50/79/91/103/116/128/140mm etc.
Shell Thickness	: 2/20.5/26.5/32.5/39/45/51mm etc.



OVERHEAD CONVEYOR

Overhead conveyors are a continuous loop of chain or cable that is suspended from a formed or structural track with carriers attached periodically to hang or contain products. They are frequently used in automated or semi-automated painting systems for moving product through the cleaning, painting and drying operations. They can handle odd shaped parts that are difficult to convey on belt and roller type conveyors.

Four Wheel Conveyor



Conveyor Pitch	: 06,08,10 & 12 inch.
Hanger Pitch	: 24" (609.6mm)
Chain	: It Is Biplaner Type
Wheel	: O/D 47mm x I/D14mm x 14 mm Thick
Links	: 32 mm x 5 mm Thick
Cruciform	: 8 BG Cold Formed and Work Hardened
Axle	: 12.7 mm Dia. x L 120 & 102 Bright Bar (Case Hardened)
Bush	: O/D 20mm x I/D12.8mm x L16 & 10mm Bright Bar (Case Hardened)

Monorail Overhead Conveyor



Clevis Bracket	: MS U-Shape Design Thick 5mm.
Track	: Close Sheet Section 3mm Thick Brackets at Every 625mm
Bends	: All Horizontal & Vertical Bends Are Provided as Per Layout
Tension Unit	: Spring Type Tensioning Arrangement Provided
Drive Unit	: It is Sprocket Type (Fixed Speed)
Overload Safety	: Shear Pin Arrangement
Gear Box	: Double Reduction Worm Gear Box

I Beam Conveyor



Chain	: Forged Link Rivet Less Chain
Size	: 348/458/678
Pitch	: 3", 4" & 6"
Pin Die	: 3/8", 4/8", 7/8"
Breaking Strength	: 8,000 Kg., 16,000 Kg., 32,000 Kg.
Chain Pull	: 800-5000Kg
Material	: En8
Finish	: Short Blasted & Bearing Surface Milled.
Trolley	: 2 Wheel Trolley with Forged Bracket. Wheel are Fitted with Anti Friction Ball Bearing Duly Packed with Grease & Provision for Regreasing.
Track	: Made of ISMB 75,100,150mm
Bends	: All Horizontal & Vertical Bends Are Provided as Per Layout Requirement. Horizontal Bends Are Provided with Hardened Guide Rollers Fitted with Anti-Friction Ball Bearings & Sealed For Life.
Drive	: Heavy Duty Sprocket/ Caterpillar Type Drive Unit. Fitted with Motor & Worm Reduction Gear Box
Oiler	: Air Mist Lubrication Provided
Take Up	: Screw Type

Slat conveyor

Slat conveyors have slats that are spaced apart from one another and are connected to a chain. Slat conveyors are similar to belt conveyors because the item being transported retains its position relative to its surroundings. Since the slats move with the items being transferred, their placement and flow can be controlled. Slat conveyors are ideal for heavy items that could damage belting.



Technical Details-

Material Feature	: Heat Resistant
Voltage	:220/380v
Dimension	:As Per Requirement
Driving Type	:Gear Motor
Power	:0.5-30hp
Link Plate Material	: Stainless Steel 304
Frame Material	: Stainless Steel
Load Capacity	:10-1000kg
Width of Linear Link Plate	:63.5,82.5,101.6,114.3,152.4,190.5,254,304.8,406mm
Width of Turning Curve Link Plate	:82.5,114.3,152.4,190.5,304.8mm
Motor	:ABB/ROTOMOTIVE
Conveyor Speed	:1m -300m/h

Screw conveyor

Screw conveyors or auger conveyors are of simple, relatively low cost construction. A screw conveyor consists of a helical flight fastened around a rigid pipe or solid shaft, mounted within a tubular or U-shaped trough. As the screw rotates, material heaps up in front of the advancing flight and is pushed through the trough. Particles in the heap, adjacent to the flight surface, are carried part way up the flight surface and then flow down on the forward-moving side of the heap. These conveyors can handle a wide variety of solid particles ranging from lumps to powders



Technical Details-

Feature	: Heat Resistant
Voltage	: 380v
Screw Pitch	:100-630mm
Power	:1.1-160kw
Rotation Speed	:16-140rpm
Material	:Carbon Steel
Load Capacity	:1.1-280m3/h
Dimension	: According to client's Requirement
Screw Diameter	:100-1250mm
Screw Material	:16Mn,NM360 or carbon Steel

Truck Loading conveyor

Truck Loading Conveyors, are highly versatile. These conveyors require very little space and can be easily moved to load or unload vehicles in different locations, catering for all types of vehicles. Height adjustment is possible through mechanical screw system as well as Hydraulic.



Technical Details-

Belt Width	:400-1200mm
Extendable Length	:5000mm-8960mm
Adjustable Height	:700mm-2500mm
Folded Height	:915mm
Hydraulic Lift Angle	:2.5°- 6.5°
Belt Speed	:10-30m/min
Extend Speed	:12m/min
Belt Direction	:Forward & Reverse
Belt Type	:5mm Thickness Good Grip Green PVC Belt
Lift Structure	:Screw/Hydraulic
Load Capacity	:30-200kg/m
Belt Motor	:2HP
Lift Motor	:3HP
Motor Brand	:ABB/ROTOMOTIVE
Voltage	:220/380/415v
Inside Truck Part	: 4m Powered Extendable Rollers or 6m Gravity Extendable Wheels
Control Box	:OFF/ON,Forward/Reverse,Up/Down,Emergency Stop, Function Switch,Speed Knob&LED Display

Wire Mesh Conveyor

It has mesh that will facilitate air ventilation and is ideal for transporting hot and cold items or components that cannot be handled using standard duck or PVC belts. The wire mesh is placed on roller or longitudinal runners and then it is covered with a thick plastic. In addition, there are toothed pulleys to clasp onto the wire mesh belt.



Technical Details-	
Material Feature	: Heat /Fire/Oil/ Temperature Resistant,etc
Conveying Capacity	: 10Kgs/m
Frame Material	: Stainless Steel, Carbon steel, Aluminum steel
Load Capacity	: 15Kgs/m
Dimension	: As Per Requirement
Speed	: 200-300m/h
Frame Height	: Minimum 600mm
Power Supply	: Single Phase AC 220V/3 Phase AC 380V
Drive Mode	: Middle Drive/End Drive
Belt Width	: 150-5000mm
Belt Length	: 1000-12000mm
Belt Height	: 400-1500mm
Power	: 0.5-4HP, 3 Phase 1440 Rpm
Gear Box	: Planetary Type- Incline Gearbox, Ratio-50:1, Make- Sumiko
Bearing Brand	: SKF
Painting	: The Conveyor Will Be Coated with Anti-Rust Primer Paint.
Wire Diameter	: 0.8-5mm
Belt Material	: POM/PP/PVC/PU
Motor	: ABB, ROTOMOTIVE

Sortation Conveyor

Sortation conveyors are used for merging, identifying, inducting, and separating products to be conveyed to specific destinations. Sortation Conveyors divert a product from one conveyor line to another.

Sortation is an ideal solution for separating products from in-feed conveyor lines to; shipping lanes, palletizing operations, packing stations & other sortation applications.



Technical Details-	
Material Feature	: Heat Resistant, Fire Resistant
Load Capacity	: 200-1500kg/m
Length	: As Per Client Requirement
Roller Diameter	: 38mm, 50mm, 60mm, 80mm etc.
Material	: Carbon Steel, Aluminum
Conveyor Length	: 600mm,700mm,800mm etc.
Height	: 350-800mm
Roller Material	: Zinc-Plated, SUS Steel, Plastic
Speed	: 24m/minute- 60m/minute
Drive Motor	: Integral Type Reducing
Structure	: Roller Conveyor
Type	: Gravity Conveyor
Voltage	: 220/380v
Power	: 0.5- 30hp

Wheel Conveyor

Wheel conveyors have a great mobility as it has wheels under the table on which it moves from one place to another. It is on-floor equipment which can be accumulated or can be compressed occupying smaller area.

It uses a series of skate wheels mounted on a shaft or axle, Where the spacing of the wheels is located depending upon the load being transported every time. It is flexible and is available in expandable versions.



Technical Details-	
Material Feature	: Fire Resistant,Flexible and Mobile
Voltage	: None
Roller Width	: 400-1000mm
Roller Diameter	: 50mm
Wheel Material	: Steel/Plastic
Wheel Diameter	: 40-50mm
Length of First/Last Section	: 430-1250mm
Length of Middle Section	: 340-1100mm
Width	: 460/610/760mm
Motor	: No Power
Frame Material	: Stainless Steel/Carbon Steel
Load Capacity	: 60kg/m
Dimension	: As Per Customer Request
Length	: 1-100m or Customized
Height	: 600-1200mm(Adjustable)or Customized
Wheel/Row	: 8pcs

Gripper Conveyor

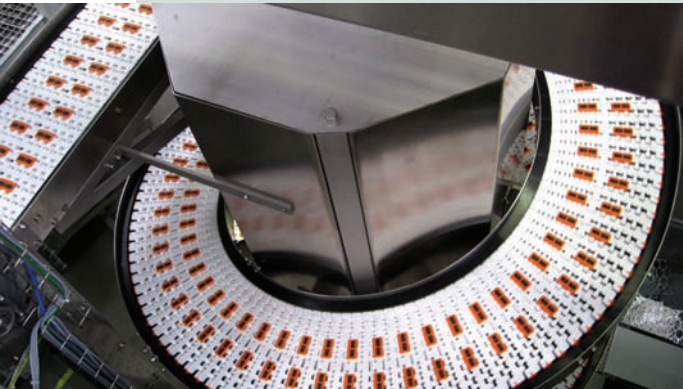
Gripper is utilized for moving the products up and down or to put things on a hold between the conveyers or at the finishing stage of the conveyor. Two sets of conveyers are attached in a gripper in order to transport products to higher or lower elevations while taking up minimal floor space. It holds the product in a firm but gentle manner before releasing it to another conveyor.



Technical Details-	
Material Feature	: Unlubricated
Voltage	: 220/380/415v
Power	: 1-5HP
Width	: 43-175mm
Load Capacity	: 1-100kg/m
Working Load	: 1500N
Working Temperature	: 20-60 Degree
Speed	: 20-120m/minute
Material Bar Distance	: 25.4mm/33.5mm/38.1mm
Minimum Turning Radius	: 150mm
Length of Single Drive Head	: 25m
Chain Material	: POM/PE/PP
Height	: 0.3-6m
Chain Width	: 63-295mm
Beam Width	: 65-105mm
Motor	: ABB/ROTOMOTIVE
Material	: Aluminum/plastic/POM/SS
Infeed Height	: Depend on Request
Outfeed Height	: Depend on Request

Spiral Conveyor

Spiral conveyors are ideal to transfer loads from level to level quickly and efficiently, without interrupting the conveyor process, without extra manual handling or transfers to other equipment. They're ideal for mezzanines, for multilevel buildings, or elevated conveyor lines.



Technical Details-	
Feature	: Oil Resistant, Fire Resistant,Heat Resistant
Voltage	: 110/220/380v
Chain Width	: Customized According to Client's Need
Applications	: Cartons and Boxes Transfer, Food Industry
Type	: Screw Conveyor
Structure	: Chain Conveyor
Power(w)	: 1000-2000W
Frame Structure	: Stainless Steel/Carbon Steel/Aluminum Alloy
Chain Material	: Stainless Steel
Load Capacity	: 20-100kg/m
Dimension	: As Per Requirement
Roller Material	: Stainless Steel 304
Speed	: Adjustable (1-60m/min)
Motor	: ROTOMOTIVE/ABB
Belt Thick	: 1.55mm/2mm
Belt Width	: 300-500mm
Belt Material	: PU,PVC,Rubber,etc.

Vertical Conveyor

Vertical Conveyors are fully integrated, multiple position conveyors used to raise or lower products between conveyor elevations. Generally, the Vertical Conveyor uses a section of Slip-Torque or Slip-Trak bed to transfer products in and out of the vertical conveyor shaft. Once the product is inside the shaft, the vertical conveyor mechanism activates and raises or lowers the entire conveyor bed to the appropriate elevation.



Technical Details-	
Voltage	: 220/380/415v
Power	: 30HP
Load Capacity	: 78-3000tons/m
Dimension	: As Per Requirement
Belt Width	: 500-1400mm etc.
Belt Material	: PVC
Material Feature	: Oil Resistant
Driving Pulley	: Rubber or as Specified
Driving Form	: Motor or Motorized Pulley
Sidewall Height	: 120-400mm
Applications	: Mining Heavy Industry
Conveyor Speed	: 1.2-2.0 m/s
Conveyor Capacity	: 78-2195 Tons Per Hour

Wash Plant Conveyor

It is used for material transportation of ores, rocks, coals and other kinds of loose or massive materials. It is widely used for the transportation works in mine, Building materials, metallurgy, coals, electricity, dock fields, etc.



Technical Details-

Capacity	: 198m ³ /h
Material	: Stainless Steel
Belt Width	: 400-1600mm
Motor	: ABB/ROTOMOTIVE
Voltage	: 220v-480v
Power	: 11kv-380kv
Spare Parts	: Rollers, Rubber Belt
Load Capacity	: 5-1500t/h
Dimension	: Customized
Conveyor Speed	: 0.8 - 4.0m/s
Reducer	: Siemens
Bearing	: SKF
Working Temperature	: 10°C-40°C
Belt Material	: Rubber, Nylon, PVC
Drive Device	: Planetary Gear Speed Reducer
Power	: 2hp - 50hp
Conveyor Max Angle	: 23 Degree
Roller Diameter	: 500-1300mm
Material	: Stainless Steel
Length	: 6-30 m or Requirement

Airport Conveyor

Airport Conveyor (BHS) is a type of conveyor system installed in airport that transports checked luggage from ticket counters to areas where the bags can be loaded onto airplanes. A BHS also transports checked baggage coming from airplanes to baggage claims or to an area where the bag can be loaded onto another airplane.



Technical Details-

Voltage	: 110-415v
Motor Brand	: ABB/ROTOMOTIVE
Frame Material	: Stainless Steel Finish
Power	: 1.5kw
Control	: Automatic Control System
Carousel Type	: Overlapped Slat or Plane
Material	: Stainless Steel
Load Capacity	: 100kg-1000kg/m
Dimension	: As Per Requirement
Belt Speed	: Adjustable 0.1-10m/Minute
Belt Material	: PE, PU, PVC, RUBBER
Common Belt Width	: 20-2000mm or Customized

Other Conveyors

Assembly Line Conveyor



Chute Conveyor



Chain Conveyor



Bucket Conveyor



Apron Conveyor



Chip Conveyor



Magnetic Conveyor



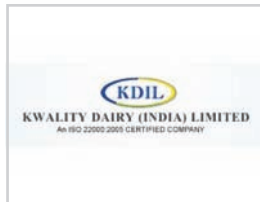
Vibrating Conveyor



Z Type Hinge Conveyor



Our esteemed customers



Conveyor perfection at its best...

ALINE Conveyors Pvt. Ltd.

Head Office-
Plot No. 885, Gali No. 20, Block-LII, Near Deewan Public School,
Sangam Vihar, New Delhi - 110080, India
Tel. : +91 11 65416016, 65426016
Mob : +91-9871016016, 9971016016, 8527016016, 9310016016
E-mail : info@alineconveyors.com
Website : www.alineconveyors.com

Our Associate

ALEG ENGINEERING CONVEYOR SYSTEM

Works-
Near UPSIDC, Naya Nagar, Anoopshahar Road, Cherat,
Aligarh-202002 (U.P.) INDIA

