

CONVEYOR CATALOGUE

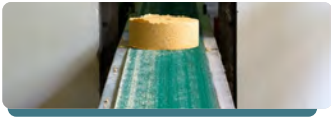
Product Overview



About Us

SKYGRIP AUTOMATION is ISO 9001:2015 Certified Company, was Founded in 2017. Over 10 year's Experience in Material Handling Equipment. Skygrip Automation an independent systems integrator, has been successfully implementing turnkey Material Handling systems and it's Automation for our Clients. Skygrip Automation has been providing custom automation and material handling system since 2017 for nearly every industry & application possible

Market We Serve



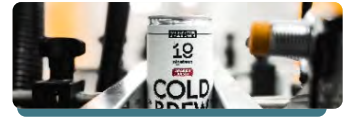
Food , Bakery
and Grocery



Pharmaceuticals



Assembly Line



Beverage



Packing



Automotive



Warehousing

Why We?



Convention Machine
Mfg Setup



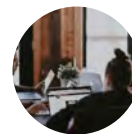
Parts Inspection
Instruments



Inhouse Detail
Design



Installation And
Commissioning



Qualified Team



After Sales Support

Modular Plastic Belt Conveyor

SERIES:M80-300-ED-MD

Modular belt conveyors are an extremely robust solution for most transport applications. The belts are hard-wearing, and with the correct specified material, they can be used for the transportation of sharp-edged products. The easy-to-clean design is the ideal solution for direct food applications or areas where chemicals are used. The positive drive on modular belt conveyors increases reliability, whilst the materials used in its construction are ideal for wash-down environments. We also manufacture conveyor belts with traditional flat belting materials.



Specifications	Value
Min/Max Length	500mm-20000mm
Min/Max Width	150mm-2000mm
Height	150mm-1500mm
Inclination	30, 45, 60 Degree
Frame Material	Fabricated MS, SS & AL Extrusion
Belt Material	PP, POM, FDA Approved
Belt Type	Straight, Curve, Side Flex, Close, Open
End Diameter	30mm to 100mm

Motor Mounting
Side Drive
Bottom Drive
Centre Drive

Types
Straight
Incline
Curved
Vertical

PU/PVC Belt Conveyor

SERIES:M80-300-ED-C

Skygrip ensures toxic free transfer of food stuffs and other light materials such as electronic components, etc. manufactured in white food colour food grade, green and black colours in 1ply, 2 ply, 3 ply from 2mm to 6mm thickness for use in transferring industrial light load materials and supersedes FDA While Poly Urethane (PU) belt conveyors are 100% safe and non toxic for food contact having much superior mechanical and chemical resistance than PVC Belt Conveyor

We offer tailored solutions to suit our customers' needs:

- Warehousing & Logistics Transport Conveyors
- Factory & Production Line Conveyor
- Packing Lines
- Conveyor for Food & Beverages
- Conveyors built for integration within other equipment
- Assembly Line Conveyor
- Conveyor for Waste Material Handling

Specifications	Value
Modular Design	Proven product, highly configurable, easy and reduced installation with low maintenance. Allows for a variety with the intermediate drive
Fully reversible option (with intermediate drive)	Greater versatility with the intermediate drive
Fewer number of components with reduced adjustments.	Low initial cost, reduced spare parts cost, ease of installation and maintenance.
Roller Bed	Lowers power requirement, conserves energy.
Slider Bed	Quick operation, smooth transportation



Motor Mounting
Side Drive
Bottom Drive
Centre Drive

Types
Straight
Incline
Curved

Power Roller Conveyor

SERIES:RC-RWM-C-ED

A low maintenance, low energy conveyor due to minimum moving parts

Our SG range of roller conveyors has been designed to help you master your challenges. We are specialists when it comes to transporting and lifting parts, workpieces and small load carriers. With our roller conveyors, belt conveyors and transfer systems, as well as SLC(Small Load Carrier) lifts, we have the right solution for every need.

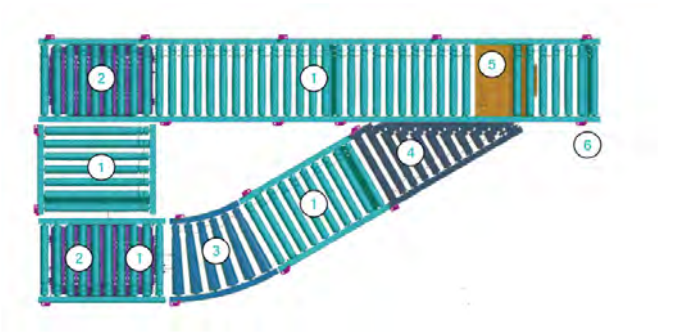
Benefits:

- A proven modular design, highly configurable, simple to install and maintain
- Versatility/adaptability in product handling
- Allows for a variety of arrangements to be made from standard components
- Reduced power consumption.
- Reliable noncontact accumulation thus eliminating product damage
- Easily re-configurable if further ancillary items are added.
- Increased driving capacity.
- Reduced noise

Taper Roller Conveyor:



- All bends have true taper plastic sleeved rollers to ensure correct load orientation.
- 75mm pitch on inner rail
- 50mm diameter zinc plated rollers are double grooved at the drive belt positions
- Heavy duty XU90 belts are used throughout
- Bend Units can be supplied fitted with geared motor units, (60° and 90°).
- Accumulation not advised.
- Standard width available: 412mm, 462mm, 512mm, 612mm, 762mm and 912mm. Other widths available on request.



Position	Designation
1	Roller conveyor with drive and zone function
2	Lateral transport 90° with drive
3	Curve 30° with drive and zone function
4	Inward and outward transfer 30° with drive
5	Deflection system
6	Sensor with opposite reflector

Motor Mounting
Side Drive
Bottom Drive
Centre Drive

Vertical Bucket Elevator

SERIES:VE-DH-BS-BM

SKYGRIP Bucket Elevators have earned a reputation for being the most durable bulk material conveyors in the marketplace. Their robust and forward-thinking design combines a number of features—from gentle handling and rugged construction to minimal maintenance and modular design—businesses have come to benefit from and deeply value.

SKYGRIP Bucket Elevators’ signature feature is that they are completely enclosed and overlapping pivoting buckets, that prevent spillage and keeps out foreign debris.

Commonly used in



Industrial
Manufacturing



Consumer Packaged
Goods

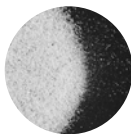


Food &
Beverages

Typically Conveys:



Confection



Powder



Grain



Coffee



Hardware



Seeds/Nuts



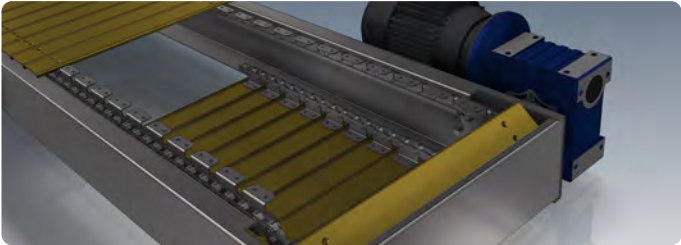
Recycle/Waste

Specifications	Value
Frame	Powder Coated Carbon Steel, SS
Chain	Zinc plated chain and sprockets, SS
Bucket Type	Food-grade reinforced pylamide



Slat Conveyor

Slat conveyors use a slat and chain system to move components along an assembly line. They are often used where production operations are performed with the parts located on the conveyor. Steel panels are attached to the chain with special chain attachments, and the chain is driven by an electric motor and gearbox. Therefore they are one of the most commonly used types of conveyor for moving parts along and assembly line while the work is being performed. They are ideally suited to applications where components are being assembled onto a fixture located at an ergonomic working height. Slat conveyor system also allow production assembly operators to work on one or both sides of the line. Fixtures can be added to the slats to enable parts to rotate 90, 180 or 360 degrees to facilitate better ergonomic access. In automotive plants, a slat conveyor system may be used to convey parts like instrument panels, center consoles or door trims. They are also used for engine and power-train assembly.



Technical specifications:

Depending upon the conveying application, different lengths, widths, height, controls and accessories are available to meet the needs. Slats can be made from mild steel, stainless steel or plastic. In some cases the product sits loosely on top of the slats, and in other cases the product is mounted to one or more fixtures. Some typical specifications are shown below, with many more combinations available :

- 12" - 108" between frame widths(i.e the width of the conveyor)
- speeds ranging from 10 ft per minute(FPM) up to 60FPM max speed
- Fixed or variable speed control
- Adjustable legs
- Continuous or indexing movement from station to station

Finger Chain Conveyor

Slat top chains are made of special reinforced high-strength plastics or stainless steel. They consist of plastic or metal links or plates that are connected to each other by pins or drive locks. The plates can be also mounted on a classic roller chain. The slat top chains also include drive and driven wheels, guide profiles, side guards, etc.



Finger Chain Width
82.5mm
103mm

Slat Chain Width
82.5mm, 101.6mm, 114.33mm, 152.4mm, 190.5mm

Finger Chain Conveyor	
Strong Alluminium Frame	T slot in profiles provide ease mounting accessories
Less Space Require	High Speed Application
Less Maintenance	

Our Clients



Asian Paints



Fleetguard filters
pvt. Ltd.



Soma Nutrition



CEAT Tyres



Patanjali



Tox Pressotechnik
India Pvt Ltd.



SKYGRIP

AUTOMATION

Innovation without Limitation
ISO 9001:2015



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