

# Sal-Tech Easy Packaging Packaging Solutions



**WE KEEP THINGS TOGETHER**



# Sal-Tech Easy Packaging Load & Unload



LOAD Lifting Equipment are used in lifting operations concerned with lifting or lowering a Load, a load includes any material and people (or any combination of these) that is lifted by the lifting equipment. Loads are often provided with permanent or semi-permanent fixed or attached points for lifting. The Load could be defined as:

- loose bulk materials
- sacks, bags, pallets and stillage's
- discrete items (such as a large concrete block)
- machinery and any permanently attached lifting eyes
- a skip and the lugs fixed to its side.

LOAD Lifters are designed for purposes that will support you to create ergonomic and work stations that meet health and safety standards.



## STEP Vacuum Lift ESL120

is a new type of vacuum handling product. It uses a large-flow vacuum blower as the power source. The device uses a spring-like lifting tube like a nose as the main lifting device for carton, bag, wood and others. It is also equipped with a Jib Crane to make it light weight and fast lifting. Suitable to be used on Plastic Bag, Paper bag, Fiber Woven Bag, Half- filled and Full – Filled bags. Various ESL models are available to fit for your requirements.

### Features:

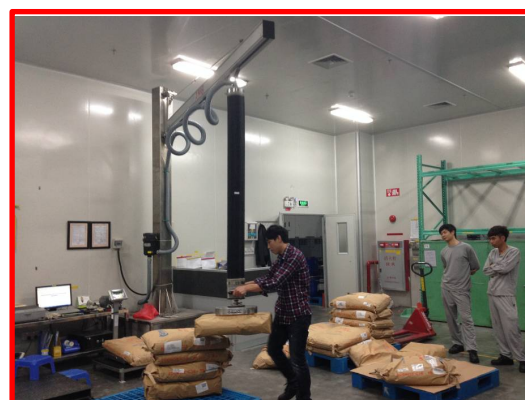
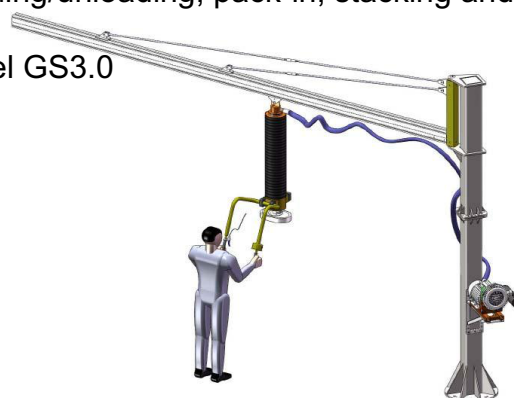
- Customized Design for Shaped Cartons and various material to be lifted
- Various Suction Pads are available for various types of materials to lifted
- Brake-like quick release valve offers quick separation with ease
- Various controller options are based on customer preference and request
- Suitable for Multiple Applications from truck loading/unloading, pack-in, stacking and unloading from assembly line.
- Vacuum blower: Siemens vacuum blower, model GS3.0



SUS304 suction



Vacuum Blower



Specifications						
Model	ESL120	ESL180	ESL200	ESL230	ESL275	ESL300
Max. Loading	150 Kg (for Cartons, straps are necessary to secure items above 80 Kg)	150 Kg (for Cartons, straps are necessary to secure items above 80 Kg)	150 Kg (for Cartons, straps are necessary to secure items above 80 Kg)	150 Kg (for Cartons, straps are necessary to secure items above 80 Kg)	150 Kg (for Cartons, straps are necessary to secure items above 80 Kg)	150 Kg (for Cartons, straps are necessary to secure items above 80 Kg)
Lifting Speed	0-50m/min.	0-50m/min.	0-50m/min.	0-50m/min.	0-50m/min.	0-50m/min.
Lifting Height	1700mm	1650mm	1700mm	3200mm	4000mm	3800mm
Capacity Dense Materials	40 Kg	70 Kg	120 Kg	140 Kg	170 Kg	220 Kg
Capacity Semi-porous materials	35 Kg	65 Kg	110 Kg	130 Kg	150 Kg	200 Kg
Vacuum Pump or Vacuum Blower	AC380V,50Hz,4.0KW ,170cm <sup>3</sup> /hr., -55Kpa	230V, 50 Hz, 3.0 KW, 170cm <sup>3</sup> /hr., -55Kpa	AC380V,50Hz, 3Kw, 150cm <sup>3</sup> /hr., -55Kpa	AC380V,50Hz,4.0KW ,170cm <sup>3</sup> /hr., -60Kpa	AC380V,50Hz,4.0KW ,175cm <sup>3</sup> /hr., -55Kpa	AC380V,50Hz,4.0KW ,175cm <sup>3</sup> /hr., -55Kpa
Suction Cup	SS 230 x 380mm	SUS 304 230 x 380mm	SUS 304 120 x 320mm	125 x 320mm	120 x 320mm	120 x 320mm
Lifting Tube diameter	180mm	180mm	180mm	230mm	275mm	300mm
Control Assembly	Up and Down 250 mm	Up and Down 250 mm	Up and Down 250 mm	Up and Down 250 mm	Up and Down 250 mm	Up and Down 250 mm
Vacuum Filter	HP-30	HP-30	HP-30	HP-30	HP-30	HP-30
Feeding Hose	DN 50	DN 50	DN 50	DN 50	DN 50	DN 50
STEP Item No.	47651010	47651803	47652003	47652304	47652754	47653004

## STEP Scissor lift HW2001 Series

**STEP HW 2001 Stationary Electric Lift Table**, can be used in above-floor or in-floor pit applications. Heavy duty cylinders with drainage system and check valve to stop the lift table lowering in case of hose burst, a device that employs a scissors mechanism to raise or lower goods and/or persons. Typically lift tables are used to raise large, heavy loads through relatively small distances. Common applications include pallet handling, vehicle loading and work positioning.

### Features:

- Upper platform lifted with aluminum safety bar preventing descent on contact with obstructions.
- Low-tension(24V) control box with up-down buttons.
- Internal power pack equipped with relief valve against overloading and compensated flow valve for controlled lowering speed.
- Safety clearance between scissors to prevent trapping during operation.
- Self-lubricating bushings on pivot points.
- Removable lifting eye to facilitate handling and lift table installation.
- High quality AC power packs are made in Europe.

### Optional Accessories:

- Trolley Frame
- Loading Flap
- Recessed Circular Turntable
- Pallet Truck Frame
- Side Barrier Rails
- Raise and Tilt Platform
- Roller Bed
- Protection Curtain



Specifications	
Model	HW2001
Capacity	2000 Kg
Lowered Height	230mm
Raised Height	1050mm
Platform Size	850 x 1300mm
Base Frame Size	785 x 1220mm
Lift Time	20-25 sec.
Power Pack	380v/50HZ, AC 2.2kw
Net Weight	235 Kg
STEP Item No.	47521040



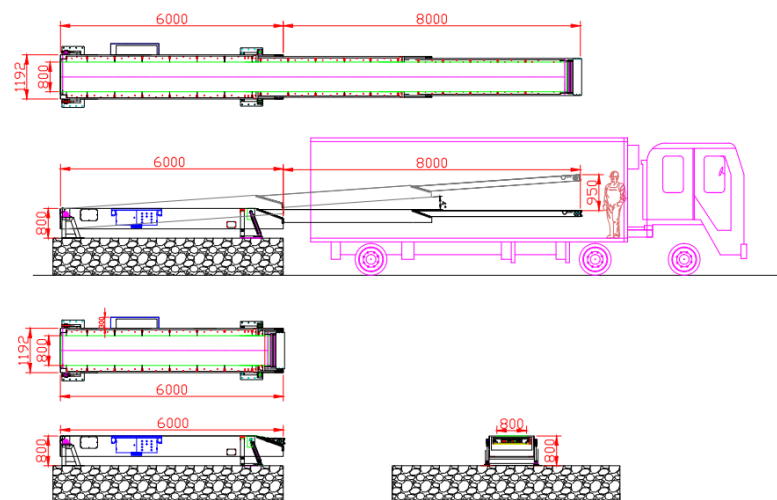
## STEP Telescopic Belt Conveyors for loading & unloading trucks and/or containers

The Ergonomic and fast way to load and unload your boxes and cartons when pallets are not directly used within the shipment.



### General Specification:

- Base Length: 4500/6000mm
- Extension: 6/8/12/14meters
- Total length 10,5/14/18/21meters
- Belt width: 600/800mm
- Belt speed: 15-30m/min
- Boom speed: Max 12m/min.
- Max load: 50kg/m

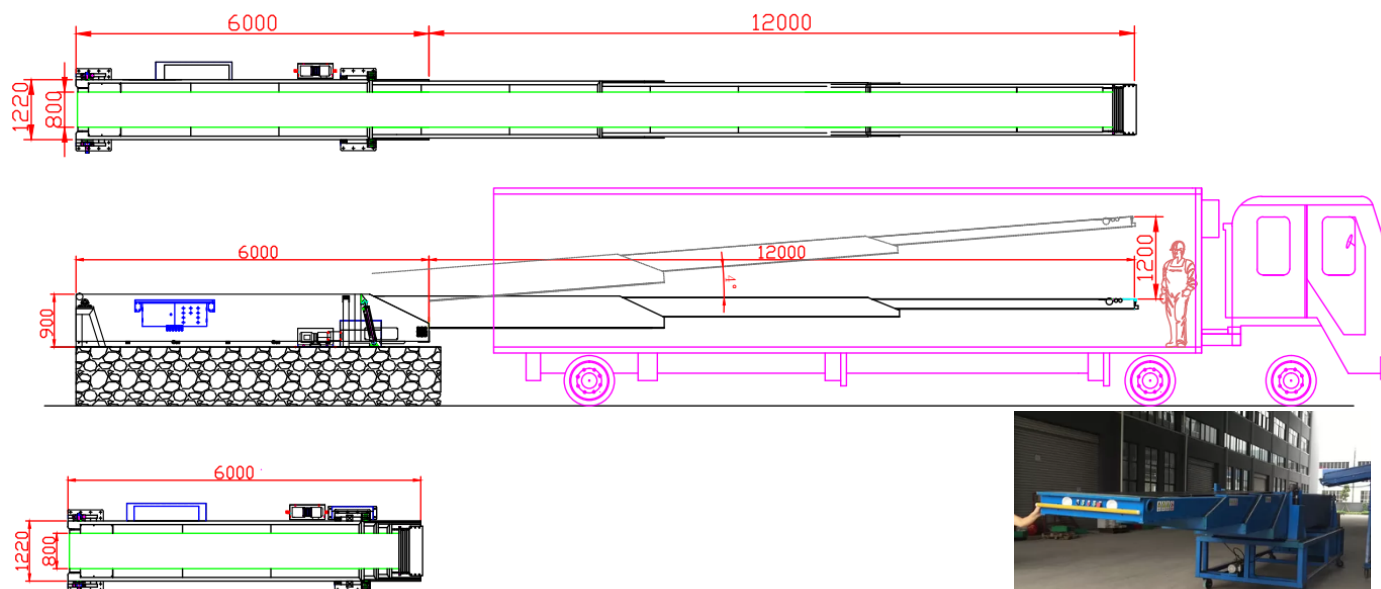


### STEP TBC Models

#### Options:

- Initial dip nose inlet conveyor
- Robot pick up and load to conveyor
- Scanner functions
- Imaging functions
- Sorting system
- Palletizing
- Un palletizing

STEP Item no	Base length	Extended length	Total Length	Belt Height min.	Max load
47301010	4.500mm	6meter	10.5meter	750mm	50kg/m
47301020	6.000mm	8meter	14meter	750mm	50kg/m
47301030	6.000mm	12meter	18meter	800mm	50kg/m
47301040	7.000mm	14meter	21meter	800mm	50kg/m



## Robust Extendible Gravity Roller Conveyor for Unloading Container, Vehicles of All Sizes

Gravity feed telescopic roller conveyor is a simple arrangement of several sections of gravity roller tracks. It is the most economic helpful solution for loading and unloading goods in warehouses.

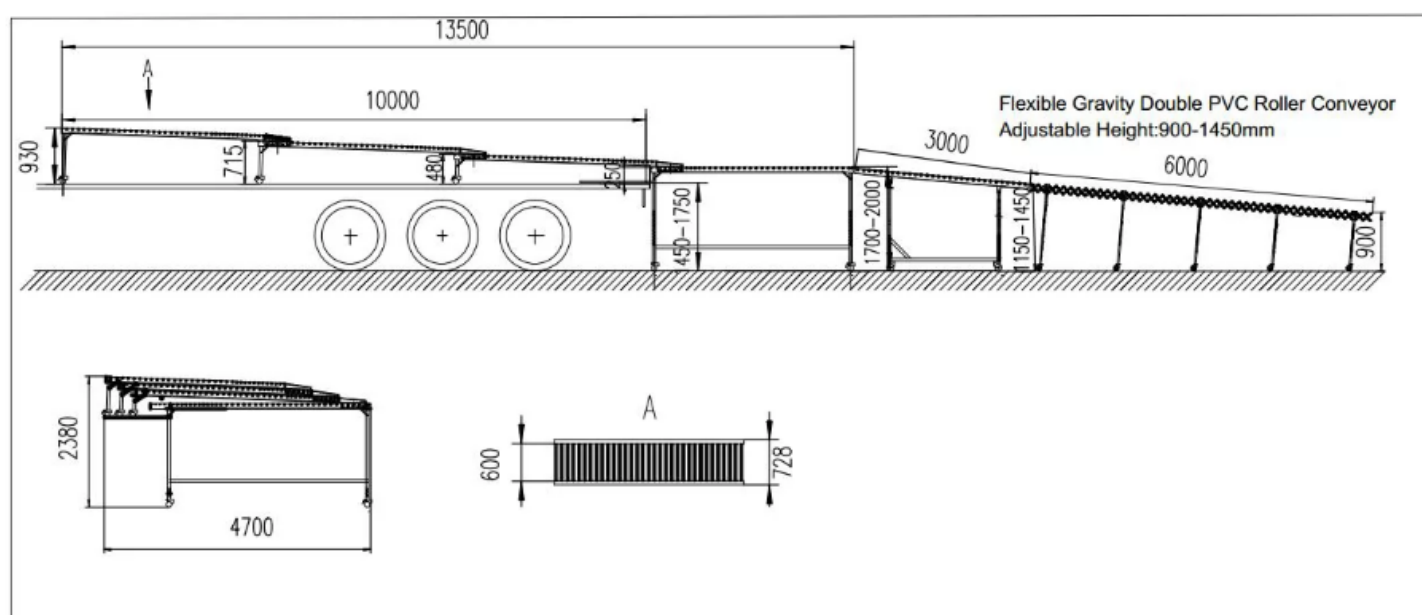
This gravity conveyor is a development of the highly successful telescopic mounted on a large robust box section chassis with an adjustable platform which suits most tailboard heights. Fully welded steel construction giving stability & strength. Low inertia 50mm dia PVC rollers set at 75mm centers allows transportation small & large parcels. Each deck of track is independently height adjustable by means of a screw jack allowing correct gravity fall. Smooth transfer between decks is achieved by a series of 38mm dia steel rollers within a transfer slider section.

Intended for off-loading only without the need of a loading dock, the telescopic can be used in conjunction with other conveyor from our extensive range to reach all areas of the warehouse



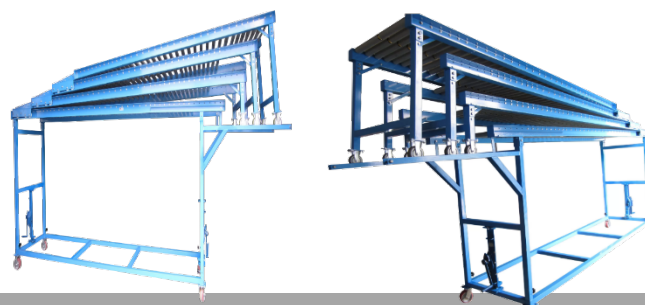
### Specification

Open Length	13500mm
Close Length	4700mm
Effective Width	600mm
Load Height in Vehicle	250-930mm
Discharge Height outside Vehicle	1450-1750mm
Vehicle Height	1250-1600mm
STEP Item no.	47302010



### Option:

- Flex roller conveyor 1,5 to 6,0 meters



## Paper for securing stability

Special paper for securing stability	
Slide secure paper 150 gram per m <sup>2</sup> , 780 x 1180 mm - 3800 sheets per pallet Item no.: 54760810	Price 5,75 DKK/kg at. 1 pallet
Normal paper for securing stability	
Normal paper type 150 gram per m <sup>2</sup> , 780 x 1180 mm - 3800 sheets per pallet Item no.: 54760812	Price 4,75 DKK/kg at. 1 pallet