

Mobile (Un)Loading Conveyor

ML-F / ML-D

LOADING/UNLOADING SERIES



COMPOSITION



Part One: Belt Conveyor

*It is the main body of Mobile (Un)Loading Conveyor (ML-F / ML-D). Its height is adjustable electrically from 700mm to 2500mm at will.

*It is portable and movable. Fixed with four universal castors with brakes, the conveyor can be easily moved to destinations; and brakes make sure the save steady work.

*There is one independent control box, where you can control the speed, running direction, working angel, etc.

Part Two: "Tongue" / Flexible Extension

*It is the front extension part of the conveyor, which is designed to extend into the container, truck or van bodies. It guarantees the less distance to reach the target items.

TWO OPTIONS:

1. Gravity "tongue" (ML-F): 2200-6900mm extendable, of steel or plastic skate wheels, which makes a longer extension inside containers.

2. Motorized "tongue" (ML-D): 1700-4200mm extendable, equipped with 4 mini motors, which makes sure fully automatic loading and unloading.



INTRODUCTION

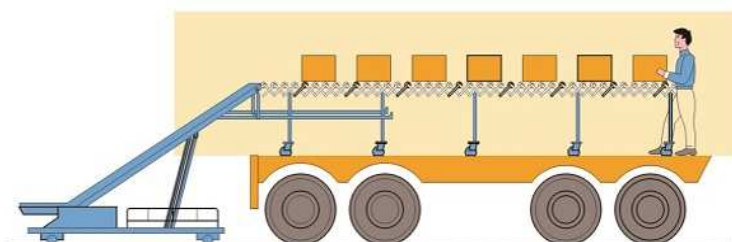
Mobile (Un)Loading Conveyor (ML-F / ML-D) is a very helpful conveyor system for loading and unloading purpose, especially for the situations without shipping docks. It is designed to load or unload items to or from containers, trailers, trucks, or vans AUTOMATICALLY. It intends to:

- * Increase the efficiency of material handling work
- * Decrease the intensity of labor, and quantity of labor
- * Protect items from manual impact damages
- * Save overall cost for modern enterprise management

Suitable items to be conveyed:

all cartons, boxes, cases, and flat-bottomed items suitable; soft-bottomed package is not suitable for the whole set of loading/unloading conveyor, but only belt conveyor body (Part One) works.

APPLICATION



P.S. : BACK EXTENSION OF THE LOADING UNLOADING SYSTEM IS OPTIONAL AS PER SPECIFIC APPLICATION.

TECHNICAL PARAMETERS

Effective Width (mm)	Overall Length (mm)	Height (mm)	Capacity (kg/m)	Speed (m/min)	Motor Power (kw)	Dead Weight (kg)
600	4660 + (max.6900 / 4200)	700~2500	50	10~20	1.5+2.2 (+0.24)	800~900



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Portable Loading Conveyor ML-P



INTRODUCTION

Portable Loading Conveyor (ML-P) is a welcome loading / unloading conveyor, especially for 25-50kg bags or sacks of cement, rice, sugar, vegetables, etc. in the situations without shipping docks. It is designed to load or unload items to or from containers, trailers, trucks, or vans AUTOMATICALLY. It intends to:

- * Increase the efficiency of material handling work
- * Decrease the intensity of labor, and quantity of labor
- * Protect items from manual impact damages
- * Save overall cost for modern enterprise management

Suitable items to be conveyed:

all cartons, boxes, cases, bags, sacks, and soft-bottomed packages

Features:

- *Height adjustable electrically from 700mm to 2500mm
- *Portable and movable, & fixed with four universal castors with brakes
- *Independent control box, including speed, running direction, working angel controls

TECHNICAL PARAMETERS

Effective Width (mm)	Overall Length (mm)	Height (mm)	Capacity (kg/m)	Speed (m/min)	Motor Power (kw)	Dead Weight (kg)
600	4660	700~2500	50	10~20	1.5*2=3.0	600

P.S.: ML-P can be customized in working height max. up to 3 meters, with 1m adjustment.

Foldable Loading Conveyor FML



INTRODUCTION

Foldable Loading Conveyor (FML) is a compact loading / unloading conveyor, especially for storage space limited situations. It can be applied to transfer 25-50kg bags or sacks of cement, rice, sugar, vegetables, etc. It is designed to load or unload items to or from containers, trailers, trucks, or vans AUTOMATICALLY. It intends to:

- * Increase the efficiency of material handling work
- * Decrease the intensity of labor, and quantity of labor
- * Protect items from manual impact damages
- * Save overall cost for modern enterprise management

Suitable items to be conveyed:

all cartons, boxes, cases, bags, sacks, and soft-bottomed packages

Features:

- *Foldable when not used and much space saved
- *Height adjustable electrically from 700mm to 2500mm
- *Portable and movable, & fixed with four universal castors with brakes
- *Independent control box, including speed, running direction, working angel controls

TECHNICAL PARAMETERS

Effective Width (mm)	Overall Length (mm)	Height (mm)	Capacity (kg/m)	Speed (m/min)	Motor Power (kw)	Dead Weight (kg)
600	4800	700~2500	50	10~20	1.5*2=3.0	620

P.S.: The folded conveyor size is about L2840*W910*H910mm.

Telescopic Belt Conveyor SSJ



INTRODUCTION

It fulfils all requirements for easy and efficient loading & unloading. It is used for bridging variable distances from the unloading or loading point. The unloading process starts close to the door and the last package at the far end of the loading area should be put on the conveyor without having to lift and carry the goods over long distances. This ergonomic way of working is achieved by a conveyor that can be extended like a telescope. If you have to clear routes, the telescopic conveyor can be easily retracted and/or moved aside.

Application:

Load or unload all kinds of loose goods or unit loads (cartons, packages, virtually any conveyable product) in or out of trucks, trailers, vans, containers, ships, trains or aeroplanes, receiving and dispatching at warehouse/distribution centers, in manufacturing and transportation companies, unlimited in length

Features:

Fit to various goods transferring, efficient & easy material handling, easy to operate, Various optional functions available

Optional Functions:



Hydraulic lifting



Jack & Base frame



Count & Scan



Heavy duty castors



End inclination

REF. PICTURES



5. Conveyor applied in bags (un)loading
6. Conveyor applied in buckets (un)loading

1. Conveyor optional in hydraulic inclination with head controls
2. Ideal for express company distribution center loading solution
3. Combined loading from warehouse
4. Fully loaded conveyor without any potential deformation

TECHNICAL PARAMETERS

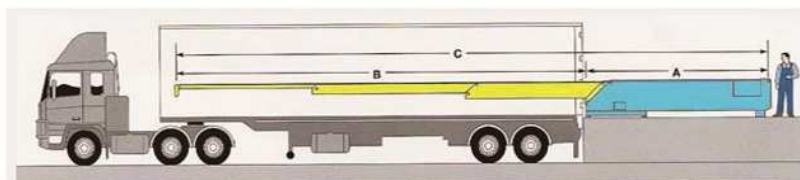
Model	Section No.	Length A (mm)	Length B (mm)	Length C (mm)	Belt Width (mm)	Height (mm)	Speed (m/min)	Capacity (kg/m)
SSJ-3/4	3	4000	5400	9400	600 / 800	750	20-36	50
SSJ-3/5.4	3	5400	7300	12700	600 / 800	750	20-36	50
SSJ-4/6	4	6000	12000	18000	600 / 800	800	20-36	50

P.S.: *More customized specifications of SSJ are available.

*Length A: Fully retracted length

*Length B: Extendable length

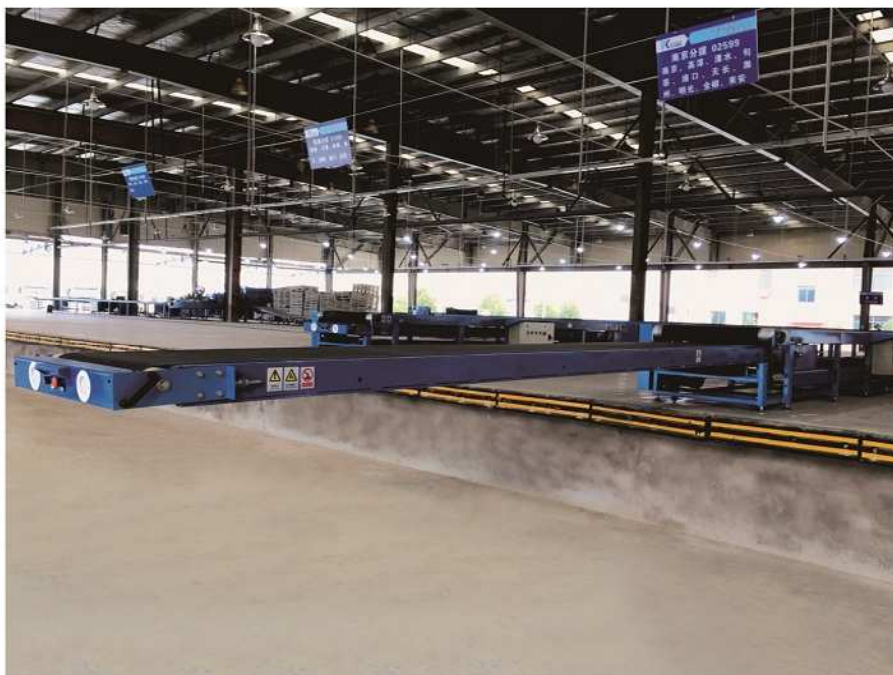
*Length C: Total max. length



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Drawer Loading Belt Conveyor CTJ



INTRODUCTION

It is a lapped belt conveyor, composed of two conveyors: the lower conveyor which can extend and retract freely like a drawer inside the upper one with a guide track inside. It is designed to facilitate LOADING/UNLOADING work into containers, trailers, trucks, or vans by less intense labor, especially popular in express distribution centers. With simplified structure, it is usually a replacement of high-cost Telescopic Belt Conveyor series (SSJ).

Suitable items to be conveyed:

all cartons, boxes, cases, bags, sacks, and soft-bottomed packages

TECHNICAL PARAMETERS

ITEMS	OPTIONS
Load Capacity	60kgs per sqm (standard)
Load Speed	25-35m/meter (standard)
Load Width	Upper Belt 800mm Lower Belt 650mm
C/V Length	Customized as per need
Main Material	Carbon steel, PVC belt, etc

P.S.: *Drawer Loading Belt Conveyor (CTJ) can be fully customized as per specific requirements.



Reverse it to work as an unloader



Loading application in express company

Gravity Unloading Roller Conveyor

WSL

LOADING/UNLOADING SERIES



INTRODUCTION

It is a cost effective unloading solution composed of extendable roller section which can reach into containers, trailers, trucks, or vans. Thus it helps increase the unloading efficiency and decrease the labor intensity. With adjustable conveyor height (optional), the conveyor can form a suitable angle to help cargo move smoothly by the effect of gravity. Roller options: steel rollers, plastic rollers, double rollers (which just have a better flexibility for light cargos).

Suitable items to be conveyed:

all cartons, boxes, cases and other flat-bottomed packages



Optional extension: flexible series



Optional roller: PVC double rollers



Alternative variant: ground type

TECHNICAL PARAMETERS

Effective Width (mm)	Overall Length (mm)	Extendable Length (mm)	Compacted Length (mm)	Height (mm)	Capacity (kg/m)	Roller Material
600	13500	10000	4700	930	50-100	Steel/plastic

P.S.: WSL unloader can be full customized as per specific need.