



DEDEM
MEKATRONIK

Caljan Telescopic Conveyors

Seriously built to last

Load/unload trailers of any size ...



Why Caljan?

Loading and unloading loose-loaded cargo often includes so much more than simply filling or emptying vehicles. With Caljan working your door, you get a smooth, future-proof conveyor line that continues to match your business needs as your requirements change.

Our objective is to provide a solution that maintains and heightens your competitive edge.

For more than 50 years, we have forged long-term relationships with national and international express parcel carriers. Other satisfied customers include retailers and similar businesses with distribution centres and/or warehouse facilities.

Part of the Rite-Hite group, we are geared to meet your needs wherever they may be with representative organisations throughout Europe, Asia, and America.



Benefits:

- ★ Quicker (un)loading: Up to twice as fast as manual handling.
- ★ Optimal turn-around time at the door increases capacity.
- ★ Improved productivity, as waiting time for trailers is reduced.
- ★ Trained employees are retained, as working environment is optimised.
- ★ Savings on sick-leave as working posture is ergonomical.

Increase productivity

From manual to automatic handling

The easiest way to cut costs is to improve efficiency. Caljan's Telescopic Conveyors are the effective way to optimise your unloading process. Instead of your team taking up to four hours to unload a container, one operator can do the job in just two hours. Productivity is increased two-fold.

Financial savings

In addition to doubling your capacity at the door, turn-around times are reduced, making your loading and/or unloading process more effective.

Utilising a telescopic conveyor improves the working environment for your employees, so they are able to work effectively throughout their shift. Muscular strains and overwork are significantly reduced, so you save on the cost of sick leave, hiring temporary replacements and training.

Provide your customers with better service

Faster loading/unloading will impress your customers – and give you an advantage that helps you keep them. Our extensive experience shows that the simple and logical

concept of Caljan BeltTrack and RollerTrack Conveyors results in increased profitability from day one!

Easy to use

- ★ Able to move any item the operator can lift.
- ★ Intuitive to operate, minimal training required.
- ★ Fantastic working environment with excellent lighting & optional ventilation and/or heating.
- ★ Safety features, including full under guarding, eliminate the risk of injury.

Easy to own

- ★ Highly configurable; 50+ optional functions. Each conveyor is custom-built to your precise requirements.
- ★ Many functions can be retrofitted, to meet the needs of your business as it develops.



“ There is *no doubt* that Caljan's telescopic conveyors help us **unload** containers *faster*. ”

Bjarne Mikkelsen, JYSK, Denmark



” { Caljan Rite-Hite is a partner not a supplier. We work **together** to find the *right solution*. }

Marcel De Kelder, DHL Aviation, Belgium

Choosing the right solution

Draw on our expertise

Our aim is to add value to your business. Together with you, we explore how we best can develop your logistic operation, taking care to ensure that the solution we provide matches your needs – both now and in the future.

Optimising your (un)loading process

Before you decide on a solution, you should consider whether your need is primarily

loading or unloading. If you require both, a Telescopic Conveyor with bi-directional belt may be the best option for you.

Although some customers use Telescopic Conveyors to empty containers, palletising the goods for storage, typically the telescopic conveyor is part of a system. Any number of optional features can be added to the Telescopic Conveyor to create a seamless interface. For instance, a raised belt can lift the cargo to a higher level. A tail conveyor

can be added to allow forklift traffic to pass. Automatic sortation equipment can be connected to the rear of the telescopic conveyor, or we can design a bespoke system with integral scanning and labelling. All Caljan Telescopic Conveyors are developed and manufactured in-house.

Cost-effective loading with telescopic roller conveyors

Caljan Telescopic Roller Conveyors provide cost-effective loading of loose-loaded items. They can be used with any type of vehicle and in pretty much any location with a solid floor.

The goods to be moved use the natural force of gravity to travel over the zinc-coated steel rollers along the length of the conveyor into the waiting vehicle. The telescopic movement can be manual or powered.

50 years with telescopic conveyors

Since the first Caljan Telescopic Conveyor was installed more than 50 years ago, over 20,000 Caljan Telescopic Conveyors have been installed world-wide. Numerous household names, including express parcel carriers, retailers and similar businesses with distribution centres or warehouse facilities, are loyal users of Caljan Telescopic Conveyors.

Increase flexibility at your doors

Comprehensive product offering

Your application may call for extra lighting, or a Telescopic Conveyor that serves multiple doors. Perhaps a platform that lifts the operator up to a suitable working height should be included. Our wide range of optional functions allows us to engineer a solution that matches your requirements perfectly; supplied as a cohesive unit.

Palletised & loose-loaded goods

When loading bays are used for dual purposes, we recommend that you select a mobile Telescopic Conveyor. These can be moved away from the door to provide forklift access. When in place they function in exactly the same way as a stationary Telescopic Conveyor.

”

Once you've seen
the concept,
taking a **decision**
is easy.

Keith McLean, Draper Tools, UK

Customise your conveyor

Regardless of the model, numerous functions are available for your Telescopic Conveyor including:

- ★ Variable work height, so the same unit can be used to load any vehicle size from van to 45ft trailer.
- ★ Traverse packages to mobilise the conveyor.
- ★ Operator platforms, lifting aids, and bright lighting to further improve the working environment.
- ★ Store/feed, reversible belt direction, hoods, curve & tail conveyors – all of which allow the Telescopic Conveyor to integrate seamlessly with your sorting or conveyor system.



Safeguarding employee welfare

Think safety into every project

Loading and unloading vehicles is hard physical work. If no technical aid is applied, working in this way fulltime can be incapacitating. Employee welfare must be a prime consideration as loading or unloading containers involves rapid movements that are repeated for long periods.

Statistics speak for themselves

Statistics relating to accidents and work-related sickness in the loading zone of warehouses, hubs, and distribution centres indicate that the work environment in this area is often poor. In fact, freight, stock, and material movers have the highest number of days away from work due to musculoskeletal disorders such as overexertion and strain. Some of the factors contributing to these statistics are the number of lifts each day, the weight of the items being lifted, the pace of work, and the typically high turn-over of staff.

Making the work environment safer and more comfortable for employees allows management to minimise the risk of accidents, and attract and retain employees.

If no mechanical aid is used, we recommend

Parameters	YES	Maybe	No
Weight of each item	< 5 kg		> 15 kg
Daily tonnage	< 2.8 T		> 6.8 T
Head			
Bending >20°			
Extending >5°			
Torso			
Bending forwards or leaning backwards >45°		Evaluate	> 20 hrs/wk
Twisting >60°	< 5 hrs/wk		
Shoulder			
Arms at shoulder height extended forwards			
Legs			
Kneeling or squatting			
Extended on tip-toe			





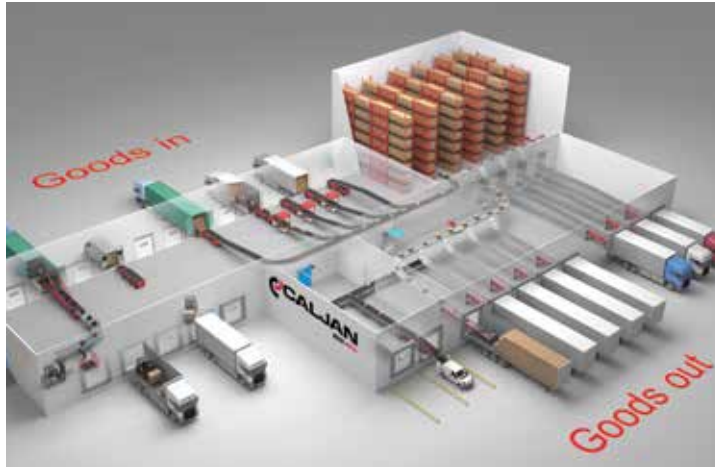
Ergonomics goes hand in hand with increased efficiency

Telescopic Conveyors make it easier to load/unload loose loaded cargo. A wide range of optional functions can make the work environment even more comfortable. A healthier work environment goes hand in hand with increased efficiency, which is a must in a highly competitive business environment.

Your Telescopic Conveyors can be custom-built to fit the needs of your application and your workforce: a lifting device helps unload cumbersome or heavy objects, a platform brings the operator to an appropriate working height, a belt extension brings the cargo to the conveyor. You can even opt for brilliant overhead lighting, infra-red heating to warm up the work area and a ventilator that gently circulates air. All Caljan Telescopic Conveyors are fully underguarded and fitted with shielded emergency stops.



Caljan conveyors are easy to own



When reliability is a MUST

Caljan telescopic conveyors are seriously built to last. When you place an order for Caljan Telescopic Conveyors you are making a wise investment. With the proper care, your equipment can be operational for years and years.

Enduring performance level

Caljan quality is second to none. The structure and elasticity has been analysed using Finite Element Method – and tested. You can be confident that it can carry the load, extending and retracting multiple times a day, every day for years on end.

Global service concept

If you choose to supplement the warranty with a preventive maintenance contract, you get peace of mind throughout the equipment's lifetime.

The maintenance plan is put together based on our experience with similar applications, so that you do not pay for an event that may never arise.

“ 48 of our Caljan booms were **installed** in 1994. They are amazing machines, very reliable. ”

Davy Vuegen, NIKE



Handling loose-loaded cargo with ease

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BC0270.01_av_GB • 09/2016 • © Caljan Rite-Hite