

Product Catalog

Locking and safety solutions for transportation of goods



Kinnegrip.

SAFETY ON THE ROAD

Kinnegrip

Kinnegrip, a Swedish company established in 1966, that develops, manufactures and markets locking and safety solutions for commercial vehicles. We have a long experience in developing and producing user friendly and safe solutions for transportation of goods.

Our head office and production is located in LIDKÖPING, Sweden with local sales offices in Germany and Italy. We have a well-established network of distributors in Europe and Asia. 95% of our business is exported.

Our technical expertise, long experience and flexible production enables us to provide our customers with standardized as well as customized solutions to fit their needs. Our production takes place in-house, using the latest production techniques. All to ensure that our customers receive products of the highest quality standards and performance.

With Kinnegrip as your supplier, you get a committed partner and user friendly and high quality products.

Read more at www.kinnegrip.se



Our solutions

Kinnegrip offers locking and safety solutions in steel and aluminium for commercial vehicles, with the end user in focus.

- K pillars**
Dropside and pendelum pillar systems for medium and heavy commercial vehicles.
- T50**
Dropside lock systems for light commercial vehicles.
- C10 pillars**
Pillars for Curtainsider.

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Our ambition - safe locking solutions with the end user in focus

K20

K20 is a state of the art locking system for flatbed constructions consisting of dropside locks for medium and heavy commercial vehicles.

K20 is a user friendly and flexible locking system available in different heights and configurations. Designed for dropsides from 400 mm, available in ED-coated or galvanized steel and aluminium.

The K20 pillar is a user friendly and safe solution, mounted on the side rave of the flatbed. The pillar, which has a built in safety solution, folds down easily to hang in the support during loading and unloading. This gives an open and easily accessible load area with focus on good functionality, high level of personal safety and easy handling.

- Available in steel and aluminium
- Standardized and customized solutions
- User friendly with high safety standard
- Provides accesible loading area

NEWS
K20 Steel
Light



Functionality

K20 dropside lock is designed for flatbeds with external mounted dropsides. The pillar is locked in the pillar support mounted onto the side rave of the flatbed. In the pillar there are rule rods which in a locked position are fixed in a dropside catch. The dropside catch is mounted onto the flatbed dropsides. When the pillar handle is opened, the rule rod moves down enabling the dropside to be folded down.

To release the pillar from the pillar support, push both handles down to the end position, which releases the wedge which is engaged in the support. The pillar can then be folded out and either hung down or released to give a completely open load area.

Design and safety

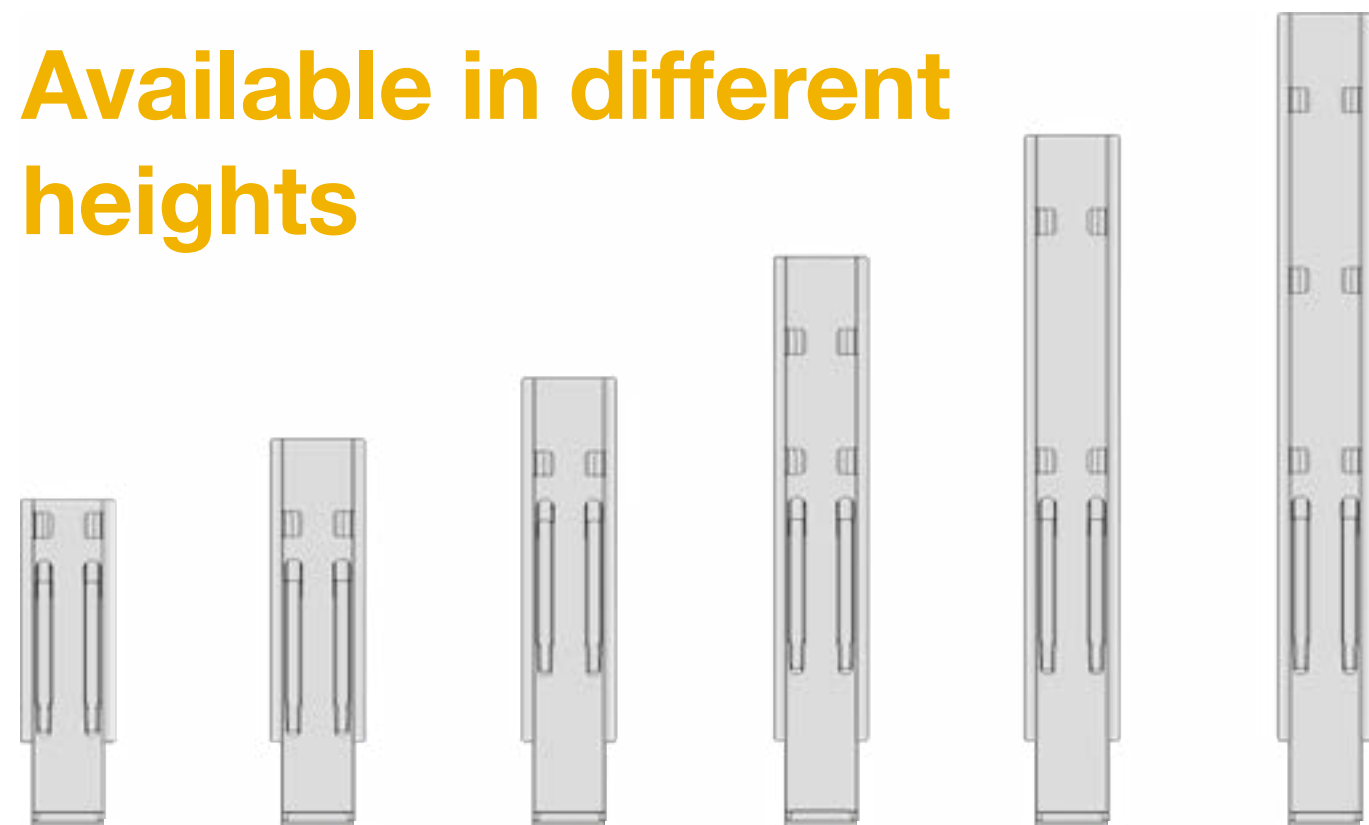
The pillar is fitted with a load indicator that prevents unintentional or risky operation. The load indicator indicates when there is a pressure on the inside of the dropside panel due to load displacement.

As a safety for the user, both handles must be pushed down to the end position in order to release.

Dropside locks for medium & heavy vehicles



Available in different heights



400 mm

500 mm

600 mm

800 mm

1000 mm

1200 mm

Extended lenglths on request.

K5

K5 is a locking system for flatbed constructions consisting of dropside locks for medium and heavy commercial vehicles.

K5 is a robust locking system available in different heights and configurations. Designed for dropsides from 400 mm, available in ED-coated steel.

The K5 is designed for exterior dropsides. The pillar is mounted on the side rave of the flatbed and can easily be removed. This gives an open and easily accessible load area with focus on good functionality, high level of personal safety and easy handling.

- Available in ED coated steel
- User friendly with high safety standard
- Provides accesible loading area



Functionality

The K5 dropside lock pillar is designed for flatbeds with overlying dropsides. The pillar is secured in a recessed support mounted on the side rave of the flatbed. To open the dropsides, pull both handles upwards. To release the pillar from the support, push both handles up to the end position, which releases the wedges that are engaged in the support. The pillar can then be folded outwards and removed, providing a completely open load area.

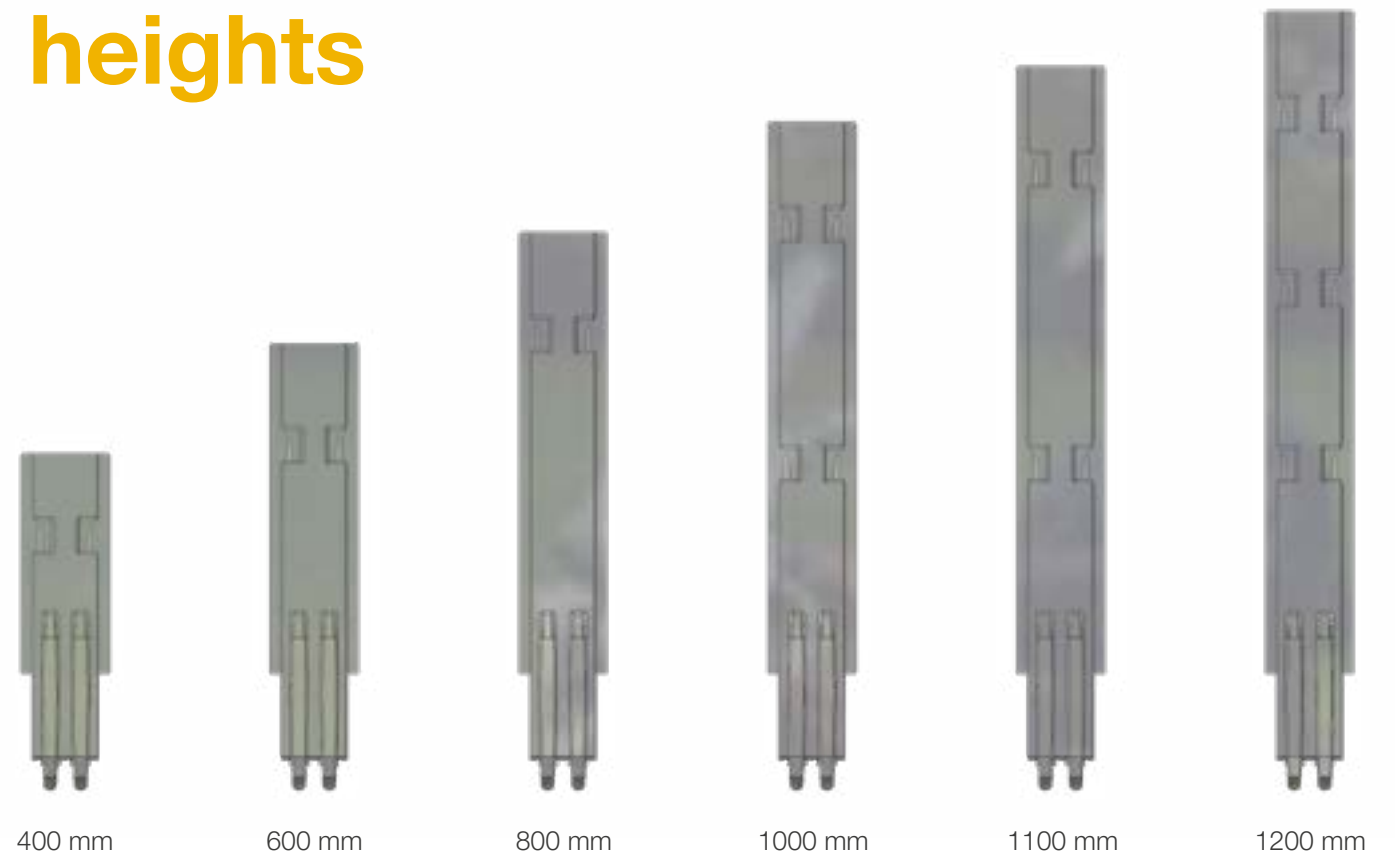
Design and safety

In order to secure safe handling, the pillar is designed to open in two stages. In the first position, push the handles up to release the dropside. In the second position, release the pillar from its support by pushing both handles up to the end position.

Dropside locks for medium & heavy vehicles



Available in different heights



400 mm

600 mm

800 mm

1000 mm

1100 mm

1200 mm

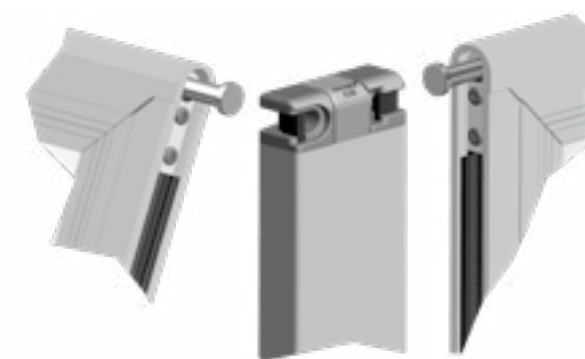
K30

K30 is a dropside pendulum pillar for tippers.

K30 is a smart and flexible locking system for tippers. The K30 is available in side, rear and front pillars for dropside heights between 600–1200 mm. The pillar is available in aluminium.

The height position of the pendulum pin can be adjusted easily for alignment with the pendulum bearing. The K30 pillar is designed for exterior dropsides with a focus on good functionality, high personal safety and easy handling.

- Available in aluminium
- Unique system for easy pendulum pin adjustment
- Flexible locking system for tippers
- Designed for exterior dropsides



Functionality

The K30 pillar is designed for exterior dropsides. The pillar is mounted in a support fitted onto the side rave of the flatbed.

The K30 has two functions: one to fold down the dropside, the other to achieve a pendulum function by opening the hinges mounted on the side rave.

Design and safety

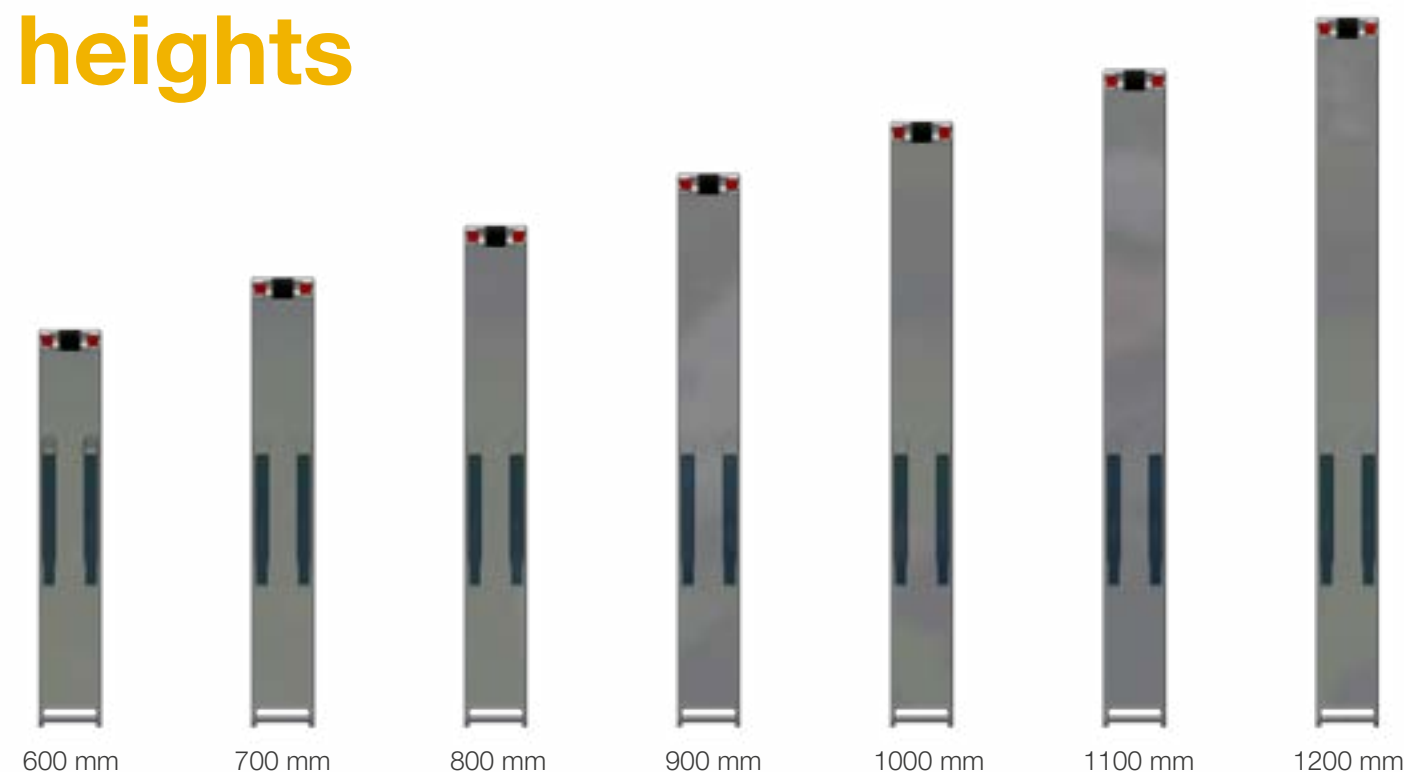
The height position of the pendulum pin can be adjusted easily for alignment with the pendulum bearing.

As a safety for the user both handles must be pushed down to the end position in order to release the dropside. The pillar can then be folded out and either hung down or released to give a completely open load area.

Dropside locks for tippers



Available in different heights

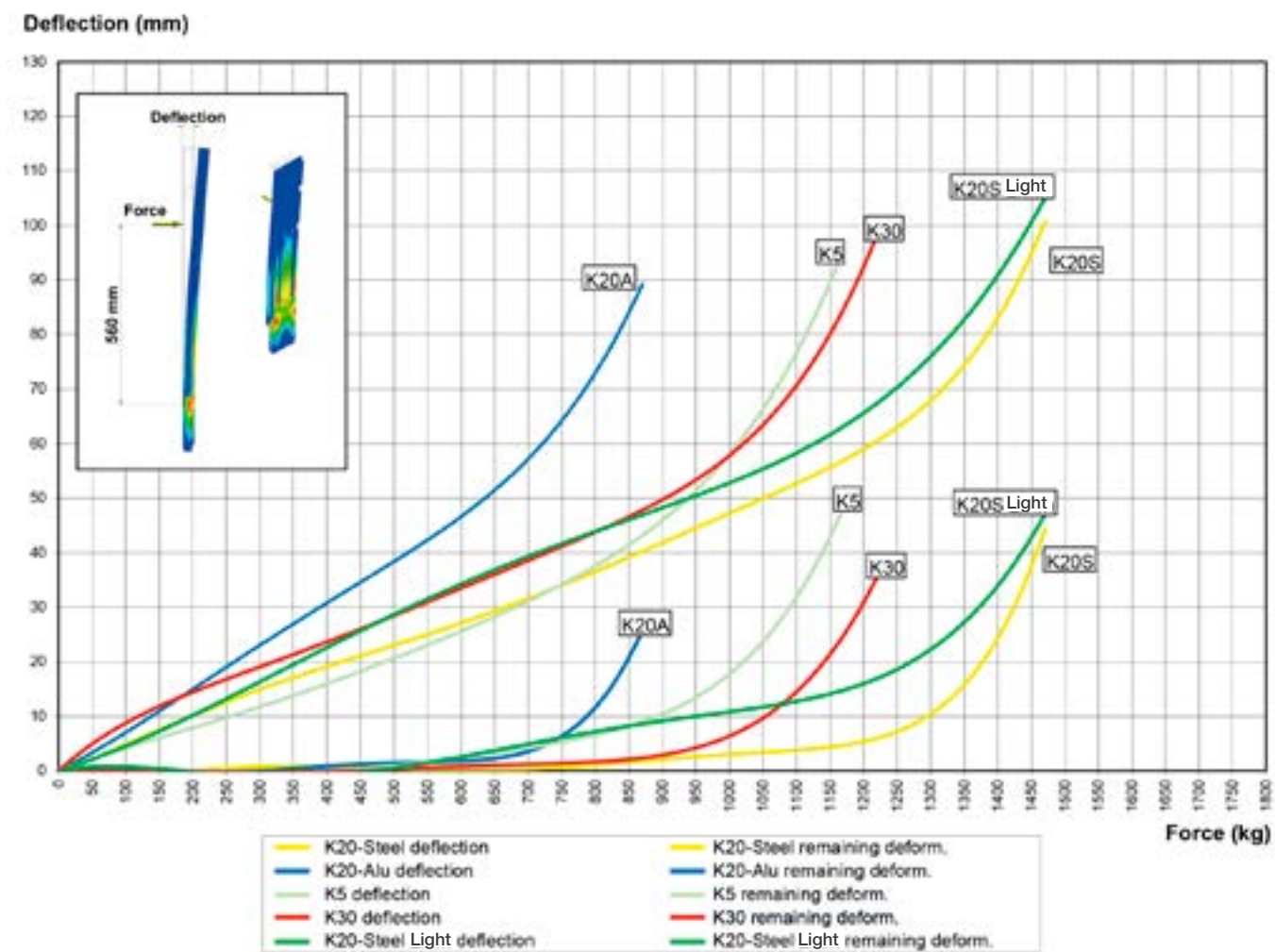


Load performance

The pillar - a vital part of the dropside system.

The pillar is a vital part of the dropside construction. Our K pillar system is developed to meet the requirements in accordance with EN 12642XL.

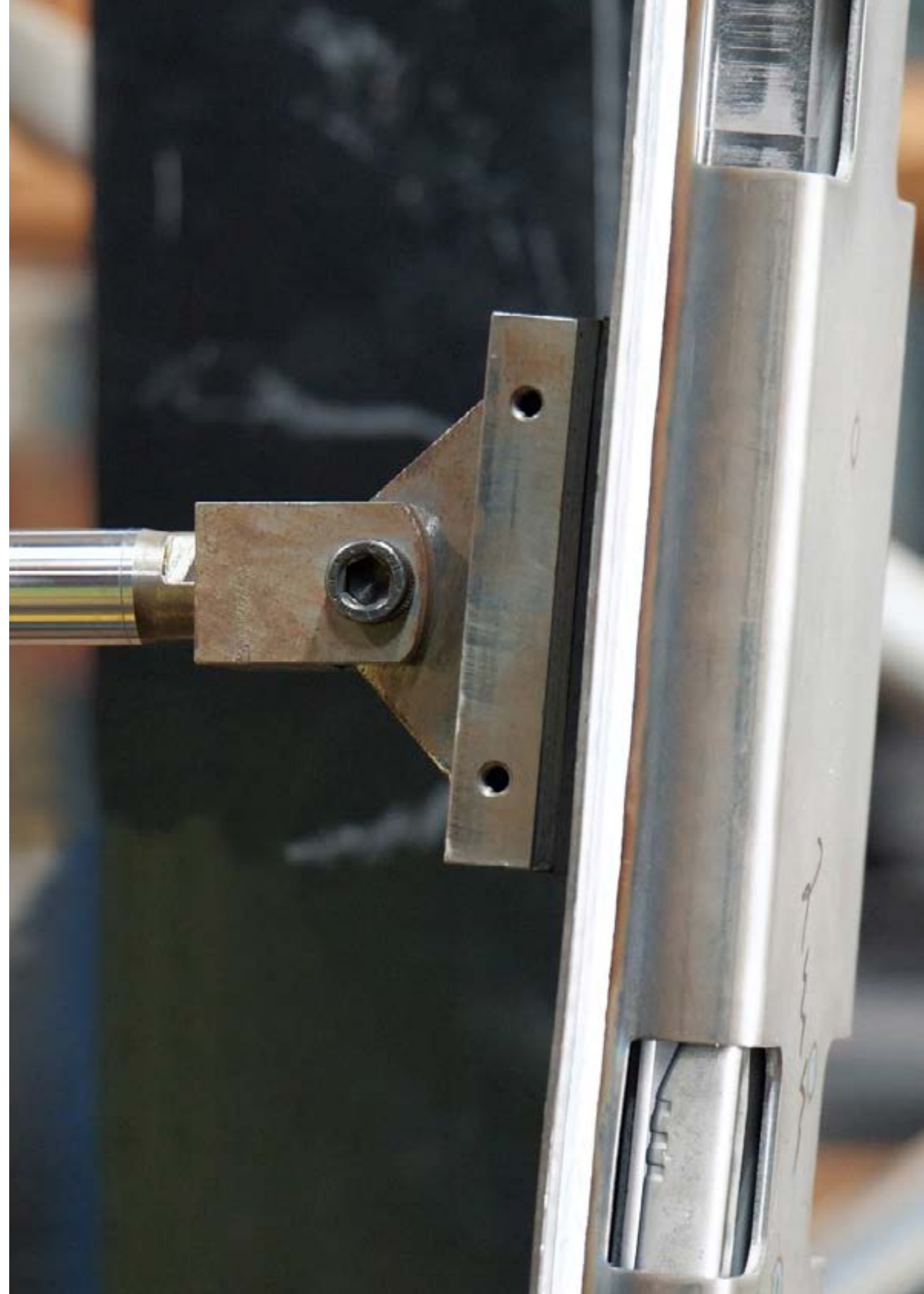
Our product range includes light weight as well as heavy duty options. In each case, a balance needs to be made between strength and weight to meet the specific requirements.



Upper lines show deflection of a pillar at different force

Lower lines show remaining deformation of a pillar after different force have been applied and then removed

- A vital part of the dropside system
- Developed in accordance with EN 12642XL
- Includes light weight as well as heavy duty solutions



T50

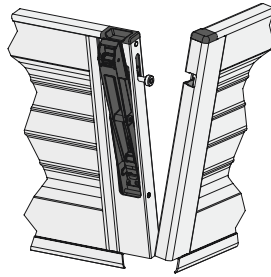
T50 is a high quality dropside lock solution for flatbed constructions.

T50 is a smart and flexible locking system for light commercial vehicles and trailers. T50 is available at different drop side heights from 300 mm. T50 is available in aluminium which gives a low weight.

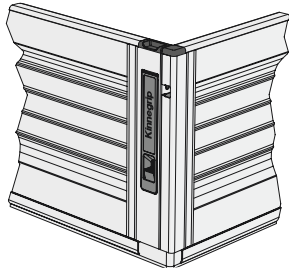
The dropside lock has built in safety features and is mounted directly on the dropside, creating an open and easily accessible load area with a focus on good functionality, a high level of personal safety and easy operation.

- Light weight
- Built in safety features
- Easily adjustable for specific applications
- Complete open load area

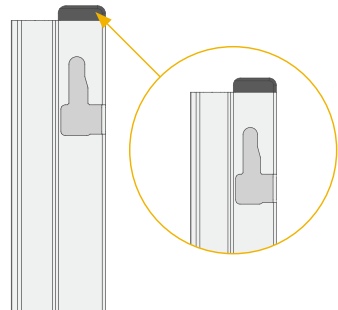
Dropside locks for light vehicles



Lock and lock profile open



Lock and lock profile closed



Lock profile with load indicator



Closed lock



Open lock

Functionality and safety

The lock mechanism is designed to minimize protruding parts in both the opened and closed position.

The handle is fitted with a safety catch that prevents unintentional opening.

The lock profile is fitted with a load indicator to improve user safety.

Side pillar

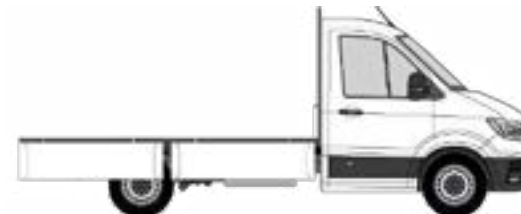
The side pillar is assembled in combination with 2 pcs T50 locks. The side pillar can easily be removed which creates an open loading area. It can also function as a separator to create different loading areas.

Extended lock profile

The lock profile is available in extended heights for integration in frontwalls.

NEWS
Extended
lockprofile

NEWS
Sidepillar



C10

C10 is a safe and user friendly pillar system for curtainsiders.

The C10 pillar system offers a wide range of flexible solutions, including fixed, telescopic and spring-loaded tops, as well as different rollers. The pillar is made of high strength low alloy (HSLA) steel and tested according to EN12642. C10 can easily be customized to meet specific vehicle requirements.

- Single-handed operation
- A flexible pillar with a variety of combinations
- The roller design allows easy sideways pillar movement
- Combination options allow easy pillar height adjustment
- The support allows low height side raves



Functionality

C10 can be fitted at any desired height. The roller is located at the upper part of the pillar's top profile and runs in the roof profile. The support is welded or bolted to the side rave. C10 can be fitted with a fixed, telescopic or spring-loaded top. When the pillar is fitted with a spring-loaded top, the pillar appears weightless during handling.

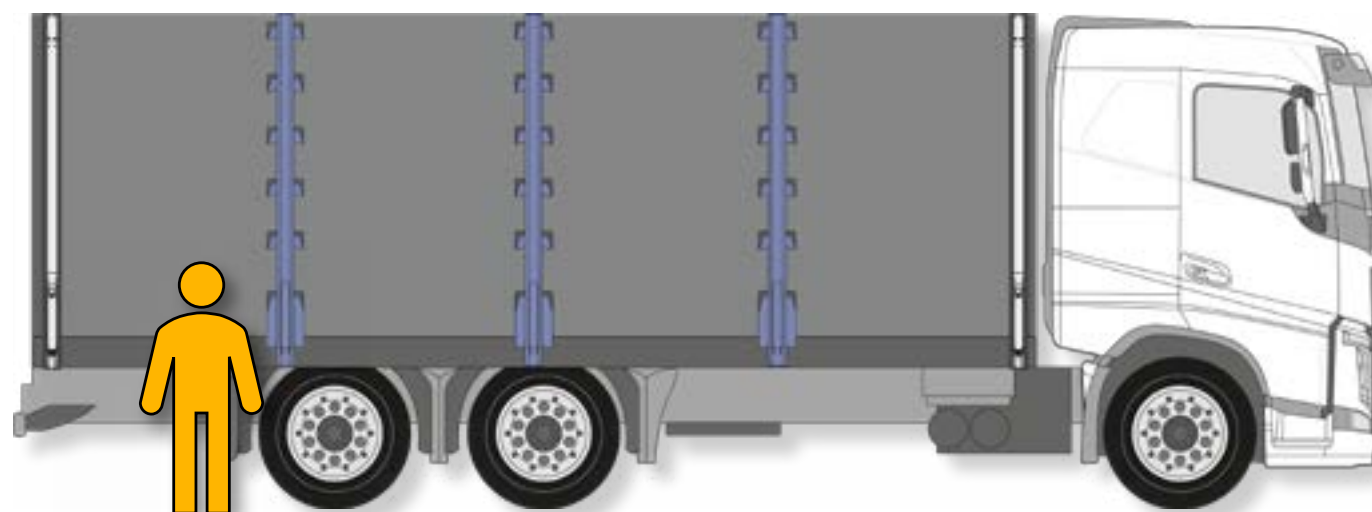
The roller design allows easy sideways pillar movement. Pillar length can be adjusted from ground level using a built-in adjustable ladder.

Design and safety

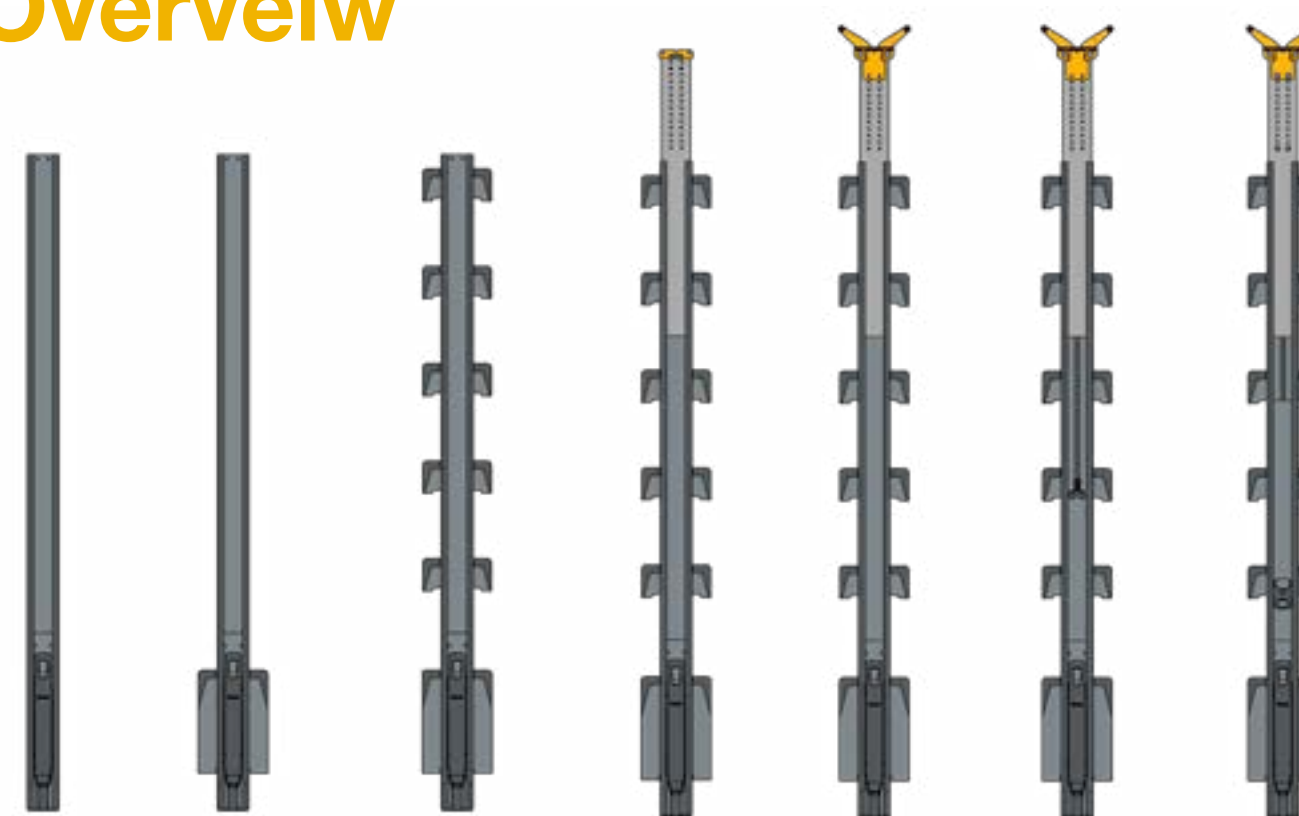
Single-handed operation with built-in safety catch enables easy and safe operation. The pillar height can be adjusted via various functions and accessories.

Spring kit enables the roof to be raised and gives a sense of weightless handling. The support allows low height side raves.

Curtainside for trucks and trailers



Overveiw



K9 Tipper Concept

K9 is a dropside pillar system for tippers.

K9 is a smart and flexible locking system for tippers with a unique design. The closed surface gives a smooth and modern appearance, while providing a functional unique user experience.

In true Kinnegrip state of the art spirit.

- Unique design
- Smooth and modern appearance
- Flexible system
- Kinnegrip user experience



Sustainable future

We are facing major challenges with climate change, population growth and changing lifestyles and the decisions we make today will affect our future. Together we can make a difference. By developing efficient and climate-smart transport solutions, having circular thinking and above all making conscious decisions that supports a sustainable future.

We at Kinnegrip have decided to contribute to a more sustainable future by making conscious and sustainable decisions based on circular thinking. We cannot do everything, but we can take responsibility for what we can influence.

This means that we:

- To the greatest extent possible, use raw material that can be recycled and reused
- Whenever possible, use energy from renewable sources
- Actively invests in processes that reduce our use of water, electricity and fossil fuels
- Continuously develops new and lighter products that have a reduced climate impact
- When possible, source materials locally to reduce transports

Do you want to know more about what we have done and are doing, and how it helps our customers to create more sustainable solutions?

Read more at www.kinnegrip.se





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