SPACE INVADER
PROFIT FROM SPACE

Profit from space

SpaceInvader in action

This is what profit from space looks like

In logistics, many operators have the same strategic priorities whenever they send a truck out for delivery: for the truck to be as fully loaded as possible, and to achieve the best bottom line for every trip. Two other highly ranking strategic factors are: a) the impact each trip has on the working environment in the supply chain and b) the environmental footprint.

With the 'SpaceInvader' transport system you can significantly cut costs and optimises in all the mentioned areas. Optimisations that increase truck capacity through double stacking of pallets and thereby reduce total transportation costs. The system also helps you reduce your environmental footprint and improves the ergonomics of your goods handling.

Scan to view video case

Two pallets in the space of one

SpaceInvader is a mobile and flexible pallet rack that makes it easy to double stack pallets throughout your supply chain.

SpaceInvader allows you to stack vertically, and thereby increase the amount of goods you carry with every truck. The rack makes it easy to create value wherever your use pallets and wish to gain height – pallet by pallet.

The benefit

When you double stack goods you save thousands of euros while minding the environment and those employees who perform the physical labour of handling your goods – from your warehouse to your trucks to your store, because goods can now be handled at a lower, more ergonomic height.

In the end, you save time, CO2 and profit off the space that previously went unexploited.

Value throughout your supply chain

You can use SpaceInvader wherever you need more space: in transports, temporary storage, or in retail. The SpaceInvader system serves many purposes; the only limit is your imagination.

Transport: Maximise height during transport

With double stacked goods you avoid the daily puzzle of figuring out how to best fill your truck, because the pallet rack makes it easier to handle and pack non-uniform goods. SpaceInvader simultaneously protects fragile and odd-sized goods and creates more floor space. When you take advantage of that empty room above and stack vertically, you can fit more on the same truck. It is also possible to place excess-length goods along the top shelf of the racks.

Double stacked pallets increase the truck filling capacity significantly

Temporary storage: Increase flexibility

The industry competes on its ability to be more efficient. The SpaceInvader pallet rack increases your efficiency on both the production floor and during transport. With the rack you can stack odd-sized and fragile goods in two layers. You become more efficient in your temporary storage of both finished and semi-finished products when you optimise the use of your floor- and storage space, and the same applies during transport.

Double stacked pallets packed and ready for truck loading.

Retail: Optimise workflow and ergonomics

Pallets packed high, up to 180 cm, are difficult to handle in a retail environment. With SpaceInvader you win space when you double stack two pallets of 120 cm, which combine to 240 cm of transport height. It makes it easier for freight companies to deliver goods packed according to zone and category. You also win time during unpacking and improve your ergonomics during replenishment of stock due to the new lower working height. Finally, with double stacked deliveries you will get more goods with every shipment.

Lower packed pallets - 120 cm - improves the working hight and ergonomics in the store.

The Benefit: A simple calculation

The SpaceInvader pallet rack creates value pallet by pallet, and the extra pallets that are added to every transport carry great value. Namely the higher cost of paying for the delivery of said pallets.

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How to calculate the benefit

Start with the freight cost of the pallet you need shipped *(your pallet price)*.

Subtract the operational cost of handling the pallet rack *(our experience shows a maximum of 5.5 minutes used per rack set = € 3 per pallet with an hourly rate of € 34)*.

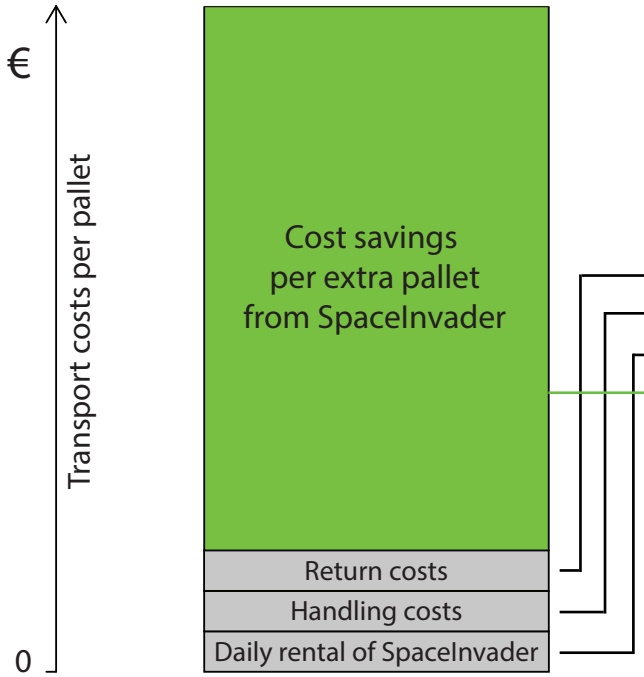
Subtract any possible return costs *(e.g. one-tenth of your pallet price, since every returning pallet can carry 10 sets of racks)*.

Subtract then the rental cost of the SpaceInvader *(max price is € 2 per day/per set)*.

Multiply your projected savings per pallet/per set with the number of pallet spaces you plan to optimise by *(per truck/per month/per year)* .

The value

From every extra pallet



Potential

Number of pallets you can optimise by multiplying your savings per pallet space.

Order a value report

Let us calculate your added value from the use of SpaceInvader based on your actual logistical needs.

Contact us by phone (+45 70 70 72 28) or order your value report at **www.spaceinvader.com**

Case example

ASKO is the biggest food distributor in Norway with 14 terminals and app. 450 routes across the country. ASKO tested the SpaceInvader racks on a route between Trondheim and Mo i Rana for six months – the route is 484 km long. The racks are returned to the terminal in three days. ASKO already returns other items and therefore has no return cost for the racks.

Calculation

Freight cost per pallet space	49 €
Return costs	- 0 €
Handling costs	- 3 €
Daily rental *(3 days of use)*	- 6 €
Savings per pallet space	**40 €**

ASKOs annual cost saving for the route

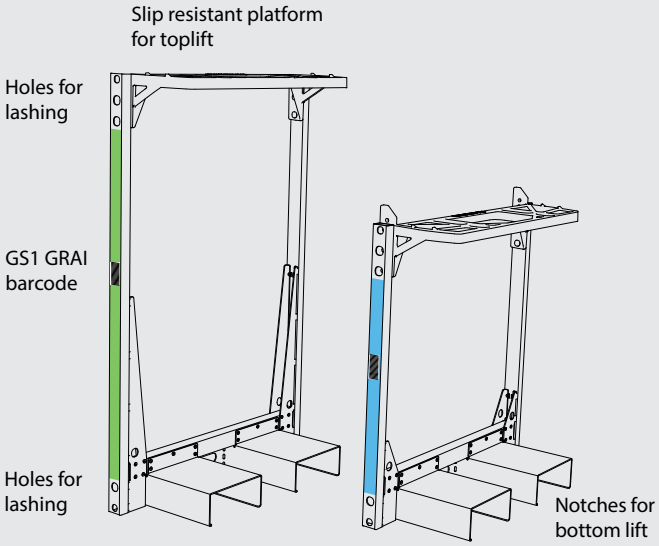
Number of pallets optimised:

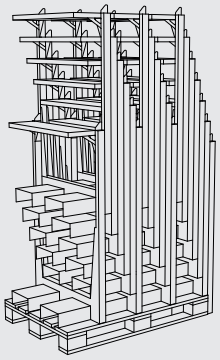
1,074 pallets of € 40	**42,972 €**

About the solution

The modular pallet rack system 'SpaceInvader' is produced by the Danish company SpaceInvader, founded 2015. With its patented design, the system delivers a greater load factor in your transport operations through easy, safe and efficient double stacking of pallet cargo. The pallet racks are available in two standard heights, 80 cm and 120 cm - and can be lifted from all four sides of the pallet. The racks are made from 100% recyclable, light and durable aluminium and traceable with GS1 barcode and RFID. SpaceInvader delivers value throughout your supply chain, improves ergonomics and reduces the climate and environmental footprint from road transport.

Specifications

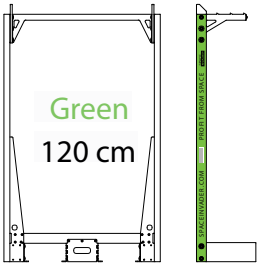


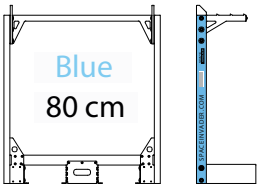


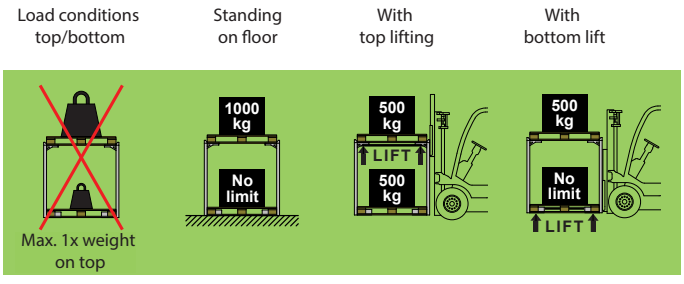
20 racks stacked on EUR pallet

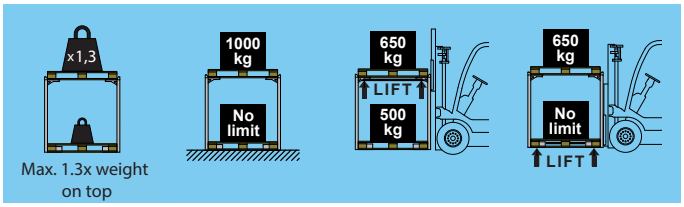
Weight	
120 cm rack	9.9 kg
80 cm rack	8.6 kg
Width	79 cm

Load limits









SpaceInvader is also available in variable heights for goods up to 150 cm height.