



CARGO FLOOR®

HORIZONTAL LOADING-/UNLOADINGSYSTEM



steel X-floor



**The ultimate steel
'high impact' moving floor**



Cargo Floor's newest ultimate steel 'high impact'* moving floor: the steel X-floor

Cargo Floor introduces a X-treme strong new flat steel moving floor, which is very wear-resistant and offers resistance to high impact. The floor profiles of this Cargo Floor steel X-floor are so uniquely shaped that they can offer extreme resistance to high impact loads. In order to achieve this, the highest quality steel alloy which can still be formed to some degree, is used. In addition to this high-quality steel, the profile is shaped in such a way that in the steel X-floor profiles 2 virtual tubes are integrated providing an enormous strength. The critical impact force take-in surfaces of the steel top layer that comes into contact with the product to be transported is even 7 mm thick.

High quality steel and preservation







The Cargo Floor steel X-floor is made of the high quality S700 material which is preserved in Magnelis®. This Magnelis® preservation is a unique steel preservation made of zinc, magnesium and aluminum. The uniqueness of this preservation is the fact that small damages can repair themselves. As a result, this superior conservation of steel is seen worldwide as one of the very best.

Flat smooth floor and yet high impact

In addition to an extremely clean empty run with virtually no residual product, this steel X-floor is extremely suitable for placement of pallets (only by means of forklift or hand pallet truck) & big bale transport. Thanks to the multifunctional deployment, you no longer have to say no to (return) cargo and you therefore no longer have costly empty kilometers.

In addition, this floor is very self-cleaning due to the flatness. This allows you to work without special expensive-, heavy- and maintenance-sensitive moving headboards. The use of a standard lightweight moving headboard or tarp is sufficient enough to allow the floor to run clean. As a result, there is no, or hardly any, need to sweep if you want to take different return cargo. Because the floor is completely flat, no bridging will occur with the product to be transported. In addition, your product will not deform or break, because it is positioned and supported on all the floor profiles over the entire width. Because the steel X-floor has an entire flat floor surface and the whole floor moves, without any non-moving surface (gutters) in-between, your load is quickly and efficiently unloaded (stationary subdeck profiles form an obstacle with regards to the efficient transport of your product).



Multifunctionality	Leakproofness	Cleanability	Pallettransport	Forklift driveability	Impact resistance
					

Excellent sealing prevents leakage of the product to be transported

In addition to the high impact resistance, the [steel X-floor](#) is very well sealed without using a “plastic” seal. The overlap seal used has proven itself for years.

Solid plastic bearing

The bearing of the [steel X-floor](#) floor profiles is realized by solid plastic guiding blocks, which are individually screwed to the cross members. Next to the excellent wear-resistant guiding of the floor profiles and co-absorbing the impact forces these solid bearing blocks also take care of the integrated anti-lifting over the whole length of the floor profiles. The floor profiles are also supported on three surfaces to extra prevent tilting of the floor profiles and furthermore the forces are also evenly distributed to the cross member trailer construction.

Cargo Floor drive units

When implementing the [steel X-floor](#) profile all the types of Cargo Floor drive units can be used (CF500 SLC, CF600 HDC, CF800 HD-6 cylinder and even the CF3 LP series). Because of this all other known advantages of the Cargo Floor drive unit remain. Like: reliability, easy operation, parts interchangeability and availability, ease of use (the remote control and the new App control).

The basis of the Cargo Floor drive units for the [steel X-floor](#) is the 15 profile Bulkmove version.

The mounting of these [steel X-floor](#) floor profiles to the Cargo Floor drive systems is done by a screw connection, which can be done by one man from above. The screws are countersunk into the 7 mm thick top layer of the [steel X-floor](#) profile and therefore create no resistance during the unloading of the products.

Weight

The [steel X-floor](#) is absolutely the lightest of its kind, especially considering application for which it is suitable. The high impact resistance of course makes this floor heavier than an aluminum floor, but nevertheless this [steel X-floor](#) is the lightest of its kind. Adding that a flat floor is kept and you do not need a heavy special moving headboard you can transport a lot of extra paid cargo. The weight of the [steel X-floor](#) profile is 11,83kg/meter.

Highlights and benefits

- ✔ Flat floor surface, making the floor self-cleaning without the need of a special expensive-, heavy- and maintenance-sensitive moving headboards
- ✔ Anti-lifting of the floor profiles over the entire length of the vehicle
- ✔ Easy mounting of extra steel wear strips (e.g. at the rear of the floorprofile)
- ✔ Use of, if desired, a standard moving headboard or tarp
- ✔ No expensive and heavy headboard necessary!
- ✔ Maximum volume
- ✔ Pallet width
- ✔ Wear-resistant
- ✔ No “plastic” seal
- ✔ Light tare weight
- ✔ Fastening from above
- ✔ Easy installation in basic semi-trailer construction
- ✔ High-grade steel type S700
- ✔ Excellent corrosion resistance



STEEL X-FLOOR MOVING FLOOR

The Lightest ..
The Strongest ..
Simply The Best!

Application areas

- Scrap Metal
- Construction and demolition waste
- Household waste
- Gravel
- Glass
- Sand
- Pallets (only by means of forklift or hand pallet truck)
- Big bales
- And of course also suitable for almost all other products which are transported with the aluminum floor profiles.



Efficiency/output

Efficiency of loading and unloading (packed) cargo is determined mainly by the flatness and the even weight distribution of the cargo over the floor area of the Cargo Floor. Uneven weight distribution will reduce efficiency and may even cause the cargo to only move back and forth within the power stroke of the system. Uneven cargo weight distribution can be compensated by using supports to spread the weight evenly across the floor profiles.

The system's operating speed can also affect loading and unloading efficiency.

* Important remark

Please ask for the general Cargo Floor guideline and warnings when applying a steel floor.



Free, mobile App!



Cargo Floor B.V.
Byte 14
7741 MK COEVORDEN
The Netherlands

☎ +31 524 593 900
✉ info@cargo-floor.com
www.cargo-floor.com

Cargo Floor USA, Inc.
TEXARKANA
Texas
USA

**WORLDWIDE
SERVICE NETWORK**