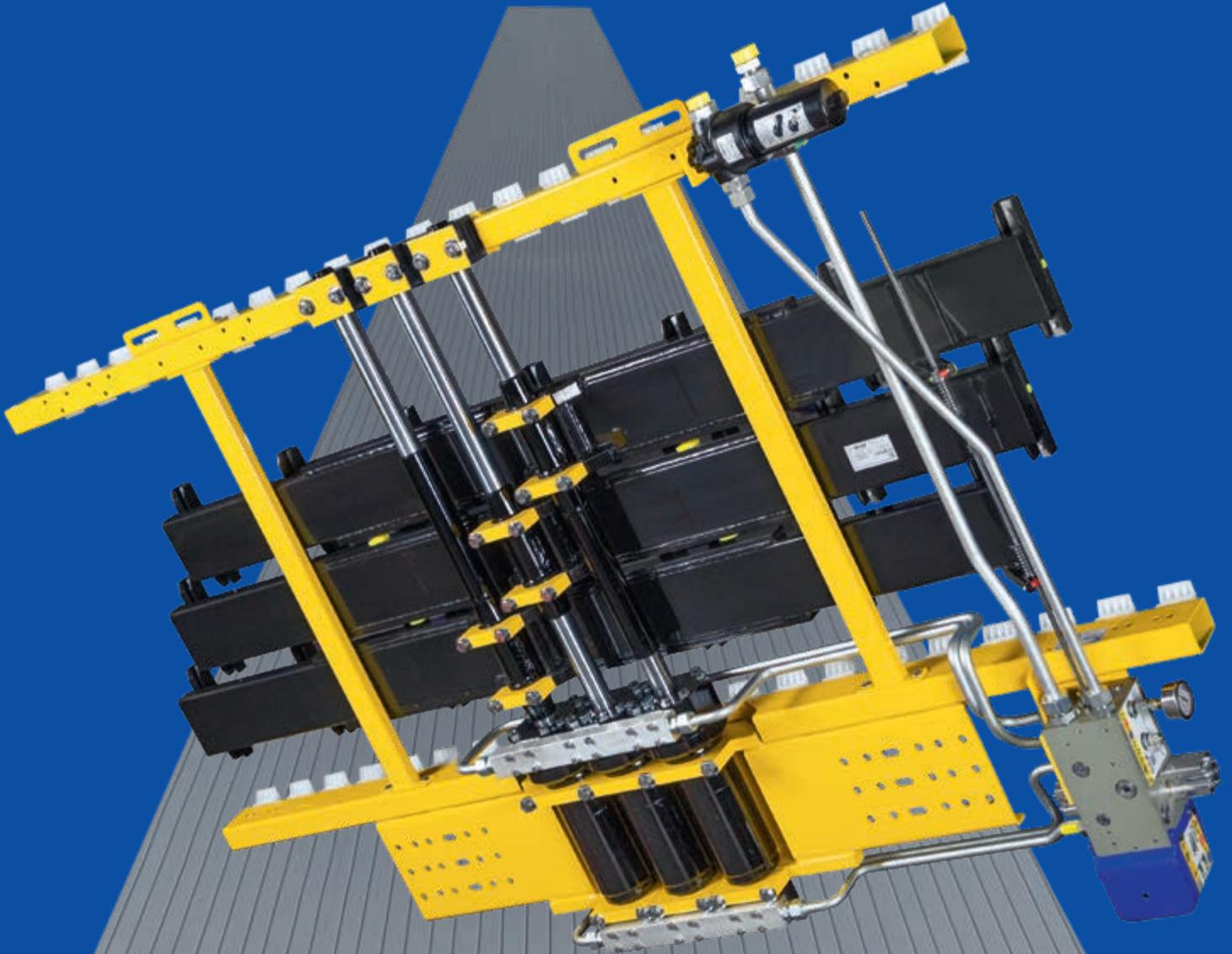


CARGO FLOOR®

HORIZONTAL LOADING-/UNLOADINGSYSTEM

Only Quality generates Quality!™



EFFICIENT LOADING AND UNLOADING

Cargo Floor B.V. is the global leader in multifunctional horizontal (un)loading systems. The Cargo Floor system is based on a "work smarter, not harder" principle designed to facilitate fast, safe, and efficient transport of through floor movement. Rather than burdensome, time-consuming, and sometimes dangerous "lift-and-carry" methods, Cargo Floor technology enables the contents of every trailer to be loaded and unloaded in a matter of minutes by moving the trailer floor under the product. The system allows for a wide variety of bulk materials and other goods to be effortlessly transported, including pallets, bales, and even paper reels! The enormous success of Cargo Floor's hydraulic-operated drive units is based on a simple and easy to install system that is generally suitable for all types of trailers, equipment, and freight. Cargo Floor's standard system (CF500) can handle most transport applications, however, Cargo Floor designers and engineers have vast experience crafting all manner of dedicated applications for specialized or unique transport needs.

Development

Cargo Floor prides itself on its extensive field experience (>30 years) collaborating with OEM engineers to craft and manufacture the best possible (un)loading systems. Cargo Floor technology relies this experience as well as market feedback from transport companies, material handling experts, logistic managers, and its customers to ensure that Cargo Floor is always in a position to develop the most reliable, strongest, and most durable system for every application, while still being lightest moving floor system in the world! By using the very latest technology and state of the art components, Cargo Floor strives to be the most innovative manufacturer and supplier of moving floor systems on the planet. All Cargo Floor drive units are powered by hydraulics, mechanically driven by internal valves in order to prevent atmospheric and external conditions (like dust, dirt, or grime) from impacting each system's operation and performance.

Value

Cargo Floor systems are not only designed to move product faster, safer, and smarter, but also cheaper than more conventional options. Countless factors must be considered to cost-effectively and efficiently transport goods and materials in the modern economy. Cargo Floor systems provide substantial benefits over conventional (un)loading methods by capitalizing on new efficiencies across all major factors, including maximum volume, lower tare weight, lower operational cost (maintenance free), durability, sustainability, as well as human safety and environmental friendliness. The Cargo Floor drive units are designed to meet all of these requirements and more in order to achieve a timely and favorable return on any capital investment.

The moving floor for winners!



Type: CF500 SLC

- ✓ Double chromated solid piston rods
- ✓ Solid piston rod guidance (UHMPE)
- ✓ High pressure filter is standard
- ✓ All hydraulic components are of the highest quality and are fully CNC produced
- ✓ Hydraulic piping (no hoses)
- ✓ Pressure gauge
- ✓ The control valve is positioned at the outside of the trailer for easy access
- ✓ Common-rail technology
- ✓ The drive units are standard preserved against rust by the best Cathodic Dip Painting (CDP) process

POPPET VALVE
PROVEN QUALITY
LIFETIME WARRANTY

*For Warranty Terms and Conditions please consult the Cargo Floor website: www.cargofloor.com/en/poppetvalvewarranty





HOW IT WORKS

The Cargo Floor 'moving floor' System is a multi-functional, horizontal loading and unloading system for the fast and efficient transport of almost any product. The system is ideal for unloading a wide variety of bulk products, which are typically loaded from above and unloaded horizontally from the rear. It works in two directions and can be used to both load and unload product.

Step 1:
three hydraulic cylinders move the entire floor with the cargo in the desired direction



Step 2:
one hydraulic cylinder will move a third of the floor section back underneath the cargo. Most of the floor remains still and the cargo will slightly move if at all



Step 3:
the second hydraulic cylinder will move the next third of the floor section back underneath the cargo. Most of the floor remains still and the cargo will slightly move if at all



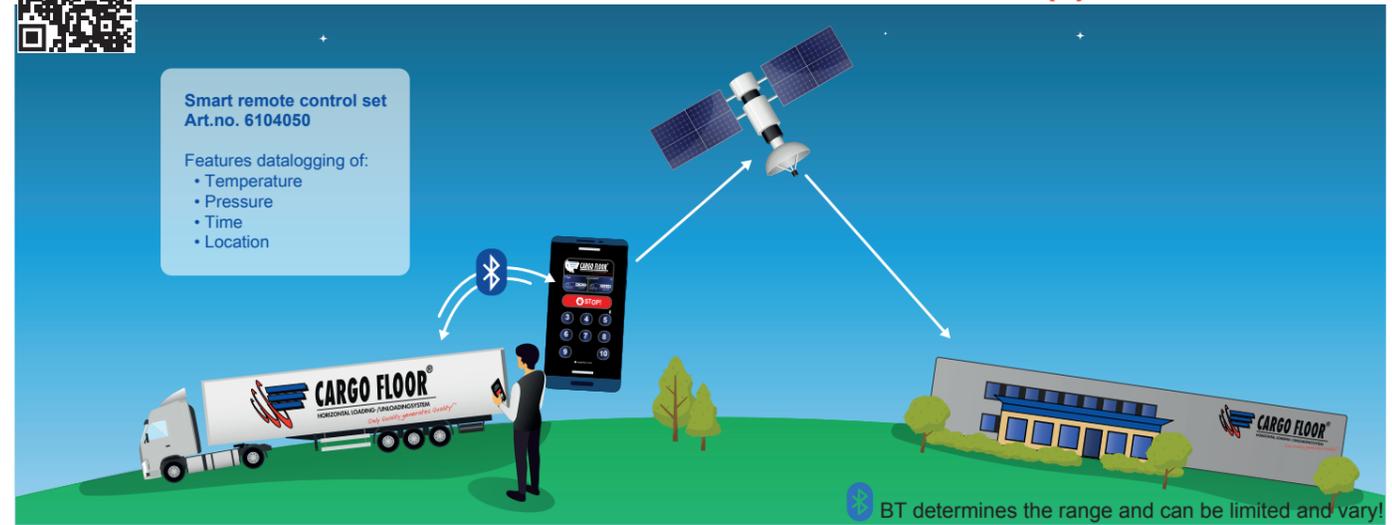
Step 4:
the third hydraulic cylinder will move the final floor section back underneath the cargo. Most of the floor remains still and the cargo will slightly move if at all



Step 1 is repeated moving the cargo in the desired direction. The loading/unloading time is based on the hydraulic system, but normal cycle time is 3-10 minutes for a 13,6m trailer



SMART REMOTE CONTROL (i)



All Cargo Floor systems can be operated completely wireless remotely.

The Cargo Floor systems can be provided with an Intelligent Remote Control Module (IRCM) in which many functionalities have been included. Depending on the options, the following items can be operated via a waterproof (IP67) touch sensitive operating panel. Developed entirely in house by Cargo Floor.

Extendable for other features

The Intelligent Remote Control Module can, via Bluetooth, easily be connected with an extension module, to operate many extra functions remotely with the same Remote Control or mobile phone.

Extra functions eg.:

- Worklights
- Automatic axle lift
- Automatic roof operation (open/close)
- Automatic hydraulic tailgate (open/close)
- Integration with the EBS-braking module via integrated CAN-bus

(i) INTELLIGENT

The Intelligent Remote Control Module is standard featured with data logging and real time viewing, s.a:

- Number of operations
- Oil temperature monitoring
- Oil pressure monitoring
- Failure analysis, real time viewing by Cargo Floor
- Vehicle location, to direct and consult nearest service point

Wireless Remote Control

One unique Wireless Remote Control can operate all functions. Equipped with a touch sensitive control panel and LED indicators gives feedback to the operator. Powered by standard AA batteries!

Use your mobile phone for remote control with the Free App

All functions of this intelligent remote Control module can remotely be operated with your smartphone.

The Intelligent Remote Control Module (RX) and the Remote Control (TX) are IP67 waterproof

The Intelligent Remote Control Module can easily be fitted on existing trailers without technical modifications

[Insert your own wallpaper](#)



The modular construction of the Cargo Floor System makes the following features possible and retrofittable

Type	Operation	Valve	Fixed on trailer	Optional
E	Loading/stop/unloading over a switch On/off by switch		 Control Module	 Wireless Remote Control
B	Loading/stop/unloading over a manual handle On/off by switch		 Control Module	 Wireless Remote Control
A	Loading/stop/unloading over a manual handle On/off by PTO No electrics		NA	NA

THE CARGO FLOOR TRAILER

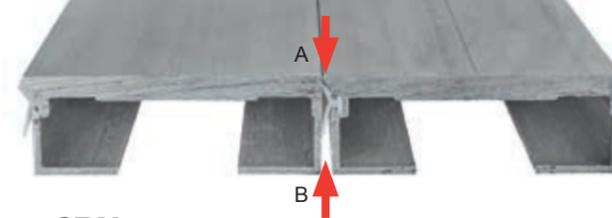
THE TWISTER BEARING BLOCK can be installed easily without any tools to the subdeck tube or U profile supplied by the trailer builder. The floor profile design has the thickest wall where the weight is supported providing maximum stability even under heavy loads. The aluminum is resistant to dirt and grime from the road, and the design gives you maximum stability under heavy loads, each has a large sliding surface of 8700 mm².

ENDCAPS: SAFE + CLEAN

The Cargo Floor system has 45° angled endcaps that seal the floor profiles. This keeps cargo out of the floor and eliminates pinch points. No body harm (health and safety)



Stainless steel anti wear plate



The **SEAL** between the floor slats is made of a unique plastic composite (Nobraforte) and can outlast the aluminum. The seal has a double function to prevent the cargo from leaking through the floor (A) and blocks dirt and water entering the trailer (B).



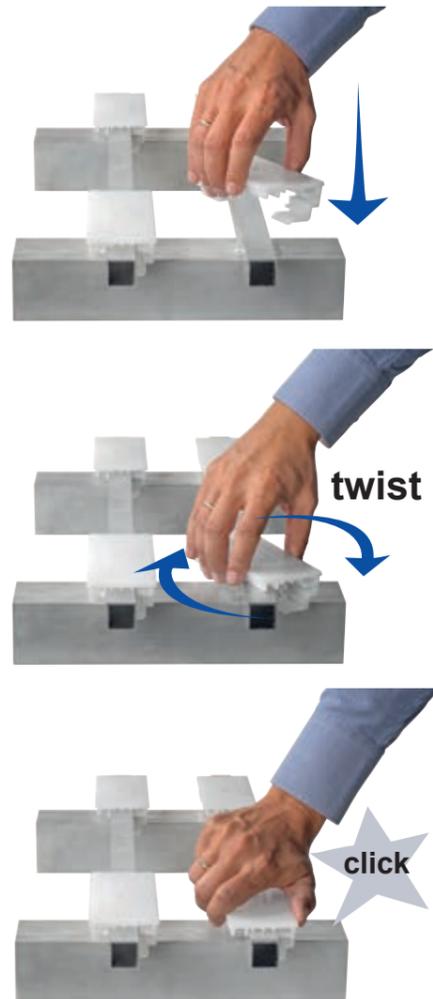
FLOOR MOUNTING

Flexible system that can be installed by either sliding in the floor profiles or clicked in from above without any sliding. Helpful in limited spaces.



PLASTIC BEARING BLOCK COMB

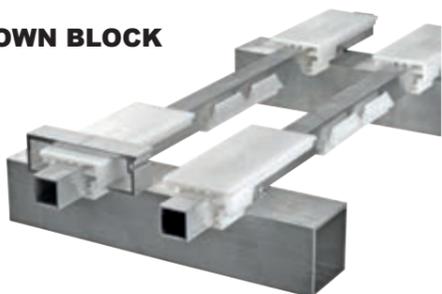
Can be mounted by screws or rivets directly on top of the cross members. Eliminates the need for a subdeck.



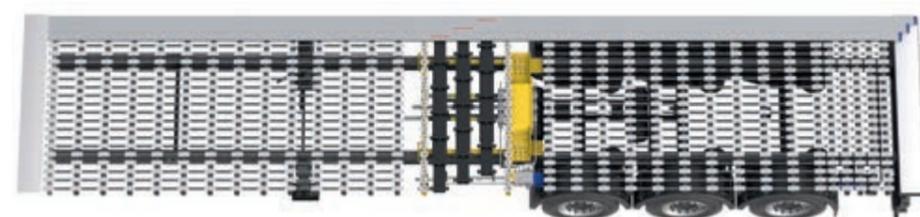
twist

click

HOLD DOWN BLOCK



PRESSURE FILTER
Included as standard



APPLICATIONS

The standard Cargo Floor 'moving floor' System is ideally suited to the transport of almost all common products. In addition to the standard system, Cargo Floor also has a range of different drive units and floor sections available for special applications. The range of sections encompasses narrow or broad and ribbed or smooth sections in a variety of thicknesses. Sections are also available in a variety of materials (aluminum/steel/composite/plastic, or any combination of these materials).

Cargo Floor has proven its quality in the transport of materials such as:

- bulk materials
- RDF (fluff)
- biomass
- recyclables
- domestic waste
- green waste
- wood chippings
- sawdust
- bark
- logs of wood
- potting soil
- peat
- clay
- bleaching earth
- straw
- straw bales
- maize
- grain
- potatoes
- carrots
- tapioca
- milk powder
- coffee beans
- soya beans
- alfalfa
- sugar beet and pulp
- chicken feed
- manure
- fertilizer
- salt
- chalk
- coal
- waste paper
- rolls of paper
- aluminum scrap
- cargo (bales / bags)
- big bags
- pallets
- slaughter waste
- sewage sludge
- compressed bales
- all agricultural products
- etc.

Forklift truck

All Cargo Floor floors can be driven on by a forklift, contact your bodybuilder for details on the permitted weights.

Efficiency

Efficiency of loading and unloading (packed) cargo is determined mainly by the 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 during the power stroke of the system. Supports can be used in these scenarios to improve weight distribution across the floor.

Automatic roll up tarp

For special applications a roll up tarp could be a good solution to avoid damage to the product or the floor profiles.



When used in combination with the special alu heavy duty or steel slats (see pictures) the Cargo Floor can also be used for the trouble-free transport of the following products (ask your dealer):

- glass
- gravel
- ore
- car wrecks
- household waste
- demolition waste
- construction waste
- sharp sand
- vegetables and fruit
- steel scrap
- all other abrasive materials



LR-series Leak Resist

Cargo Floor is committed to protecting the planet and has developed the Leak Resist floor to prevent products leaking onto the road and contaminating the environment.

Cargo Floor has over 20 years' experience with various unique Leak Proof and Leak Resist floor solutions. The solutions are either with standard drives or with dedicated Front Mount Drives where a Cargo Floor drive system is mounted in the front of the trailer.

By using the Cargo Floor LR-series, liquid-containing "waste" products can be transported in a safe and environmentally sound manner.

Cargo Floor has developed a unique slide-in subdeck design where the standard Cargo Floor drive unit is mounted UNDER the floor. This subdeck design has been in operation for many years and has proven to be the ultimate solution for preventing leakage onto the road while providing superior stability and impact resistance.

With the supply of the unique Cargo Leak Proof Subdeck, a regular sub-floor will not be required anymore. The simple 'slide-in' system of the subdeck profiles makes installation fast and easy in both new and retrofit applications.

Unlike the 100% Leak Proof system, the bodybuilder does not need to make any modifications to the vehicle for mounting the Cargo Leak Resist application. In addition to the weight advantage, it also has a higher carrying capacity as the inclined sealing bulkhead is not used.

A solid bearing is installed across the entire length of the trailer directly under the moving floor profiles that eliminates the need for an end sealing section and keeps the product from contacting the solid underfloor bearing block during transport. There are various deckslats available in aluminium as well as in steel.

The gutter between the moving floor profiles is largely self-cleaning, but thanks to its open shape, it can easily be cleaned with a broom or pressure washer (the gutter is closed on the LR-sealed floor system).

The LR floor is not guaranteed to be 100% leak proof*

-  **standard 'center' drive**
-  **high impact resistant**
-  **leak resist**
-  **maximum volume**



Multifunctionality



Leak resistance



Cleanability



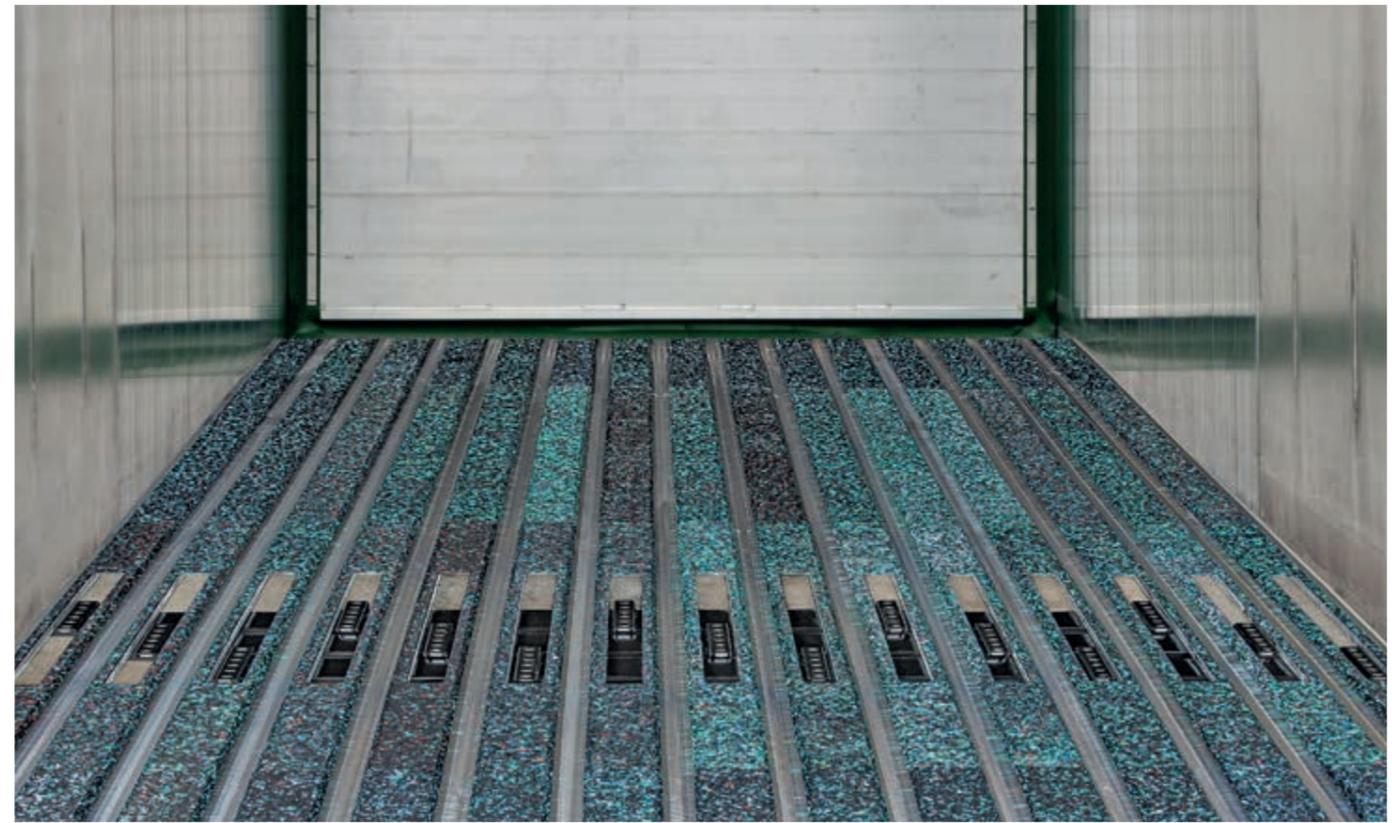
Pallet/bales transport



Drive over with a fork lift truck



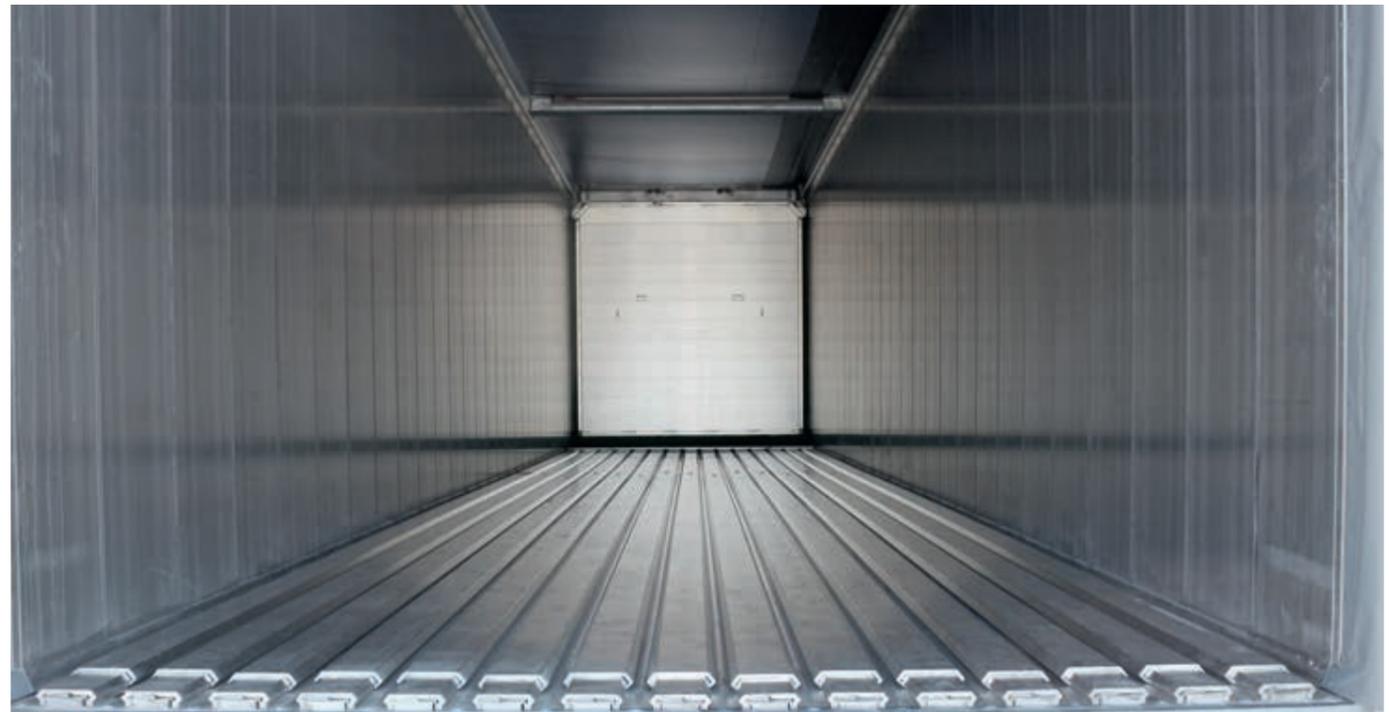
Impact resistance



Only cut outs in subdeck for connecting drive-shoes to slat.



THE CARGO FLOOR LEAK RESIST WITH UNDERMOUNT DRIVE UNIT IS THE ULTIMATE SOLUTION FOR PROTECTING THE ENVIRONMENT FROM LIQUID-CONTAINING PRODUCTS DURING TRANSPORT. IT IS COMPATIBLE WITH ALL STANDARD CARGO FLOOR DRIVE UNITS



*** Important Note**

The LR-series is resistant to leaks and is NOT designated as 100% leak proof because of the undermount drive unit construction. Any leakage that may occur should only be possible at the joint between the drive system and the floor profiles. A collector bin can be installed to prevent any spilling on the floor.

LP-series 100% Leak Proof



- 👉 X-treme robust
- 👉 compact
- 👍 payload 35t.
- 👍 max. volume

A compact, waterproof system

This **100% leak proof Cargo Floor system** has been developed for transporting environment-polluting products, both in the form of loose bulk material and compressed bales. The system is perfectly suited for transporting and storing domestic and vegetation waste.

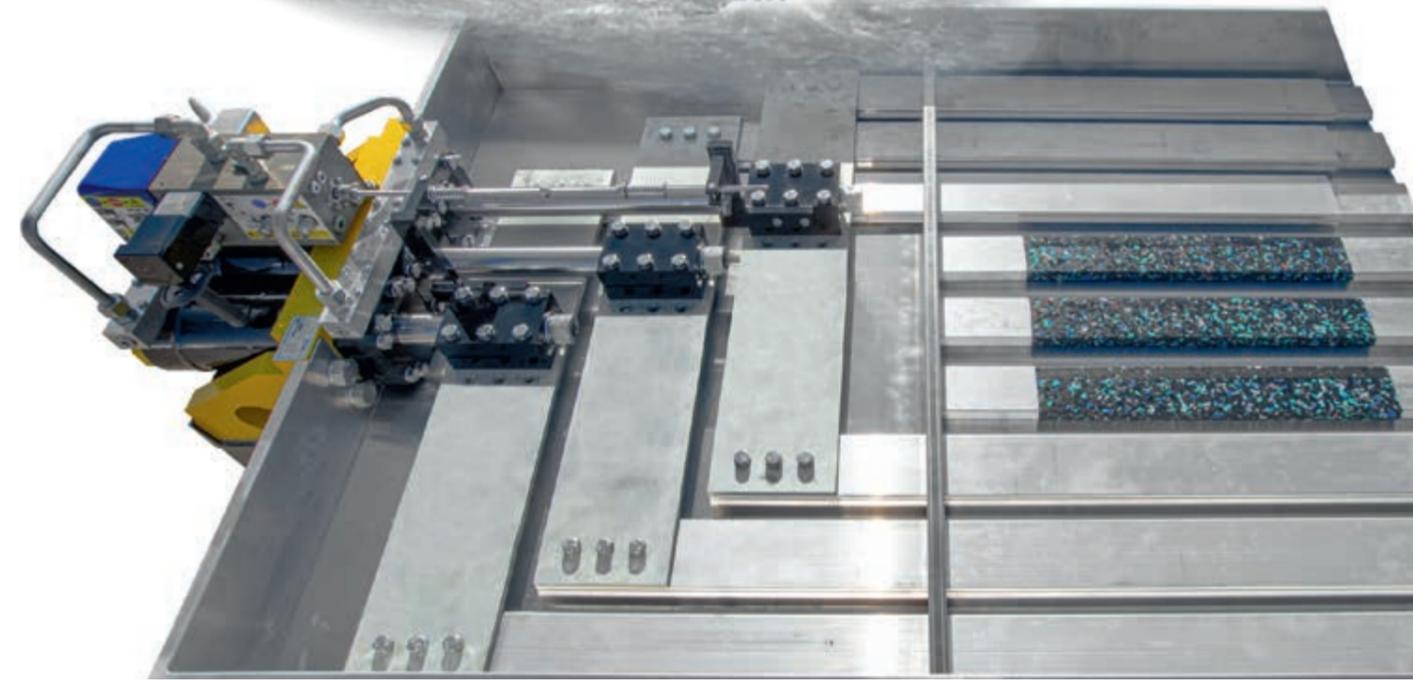
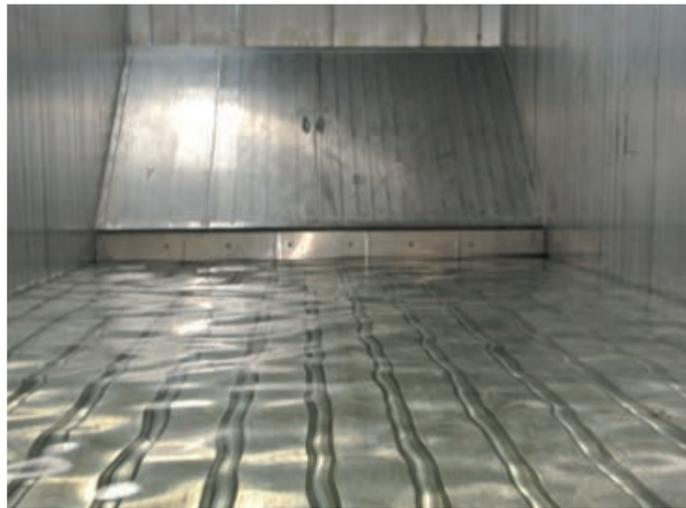
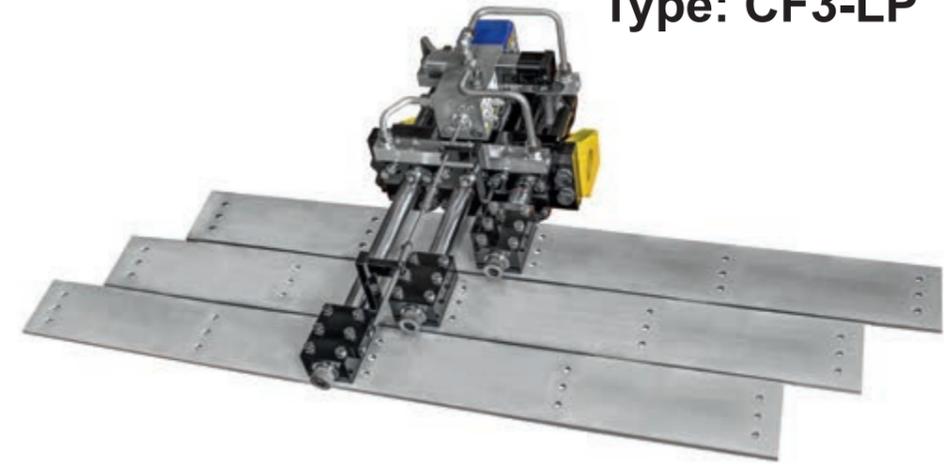
The unique and compact design of the Front Mount Drive system helps achieve a 100% leak proof moving floor. It is located in the head radius to maximize loading space and protect the drive system.

The aluminum sub-deck easily installs on both steel and aluminum cross members and can be secured to the sub-floor members outside of the waterproof section by either screws or rivets. The subfloor sections are easily slid into place and become 100% waterproof with sealant.

The aluminum floor sections are supported by solid plastic bearing blocks along their entire length. Standard aluminum sections as well as Heavy Duty Impact (HDI) sections are available. HDI sections are designed for jobs with high loads on the floor.



Type: CF3-LP



Ultra Light-series

Type: CF100 SLL

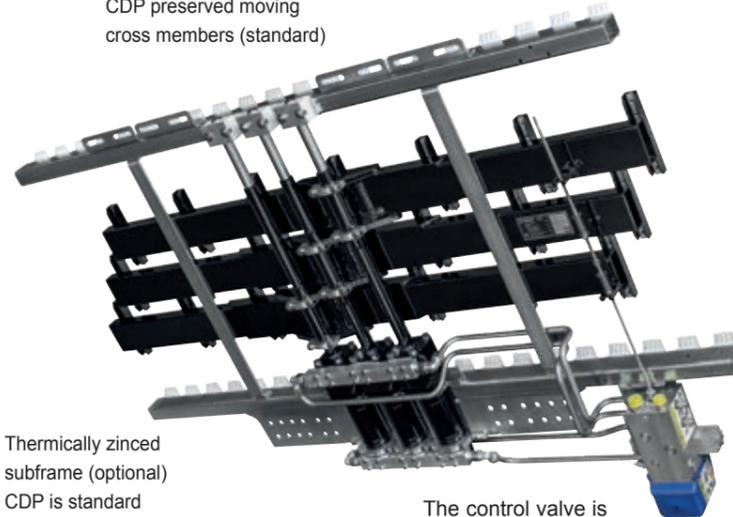
This unique lightweight Cargo Floor system has been developed especially for simple installation in trucks, drawbar trailers, containers and interchangeable containers (demountables).

A few characteristic of the CF100 system:

- Lowest installation height possible in combination with 80 mm. cross member
- Extremely low intrinsic weight of the power unit
- Floor speeds between 0 – 2.5 meters / min.
- The entire hydraulic drive is controlled solely by mechanical/hydraulic means
- The pre-assembly of the cylinders, pipes and valves in a compact frame ensures a very simple and rapid installation
- Floor construction identical to the standard Cargo Floor-system
- Sub-frame may be dropped, in which case the hydraulic drive can be integrated in your own structure (for example aluminium/composite)
- Enables the maximum cargo volume to be utilized
- Suited for use as an autonomous metering silo
- Maximum load 20 tons
- Maximum floor length 9000 mm
- Passivated hydraulic piping



CDP preserved moving cross members (standard)

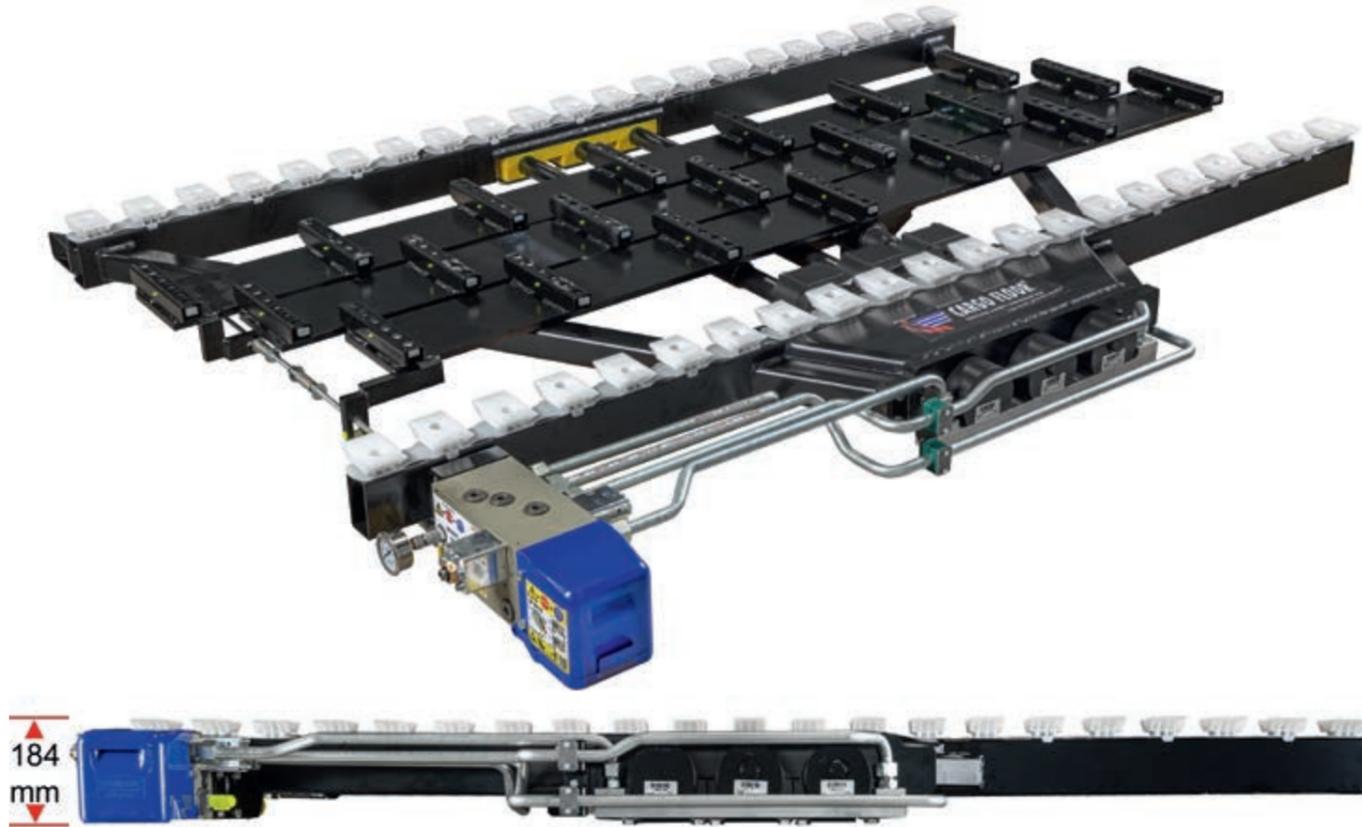


Thermally zinc plated subframe (optional)
CDP is standard

The control valve is standard positioned outside the chassis, because of that it is simply accessible



CF350 CD 'Container Drive'



This ultra-low built Cargo Floor Drive is specially designed to mount in a 20ft, 40ft or 45ft container. The CF350 CD has the lowest built height for a drive able to carry 33t of payload. The installation can be easily done to fixate it to the existing under rail of the container with limited reinforcement. Mounting this system in a container creates a self-unloading container for when you want to haul large quantities of bulk product like household waste, wood shavings, waste paper etc. and use intermodal transportation.

The containers can be put on a train to be transported to a port or incineration energy plant using readily available standard container chassis instead of dedicated trailers. For the unloading you can use either the TK-unit from the tractor unit or a standalone power pack generator.

The containers can also be used as stationary self-unloading bunkers to transfer bulk product to the processing plant.

The CF350 CD drive unit can also be used in all other applications where the lowest built in height is of most importance.



45ft self unloading bulk carrier container



- 👉 Open top
- 👉 Intermodal
- 👉 High Cube
- 👉 Moving Floor
- 👉 Pallet wide
- 👉 Flexible



Subdeck and Guidance



Comb bearing, no subdeck (ultra light)

- 👍 integrated slats hold down
- 👍 easy mounting, pop rivets instead of welding



Twister bearing subdeck box sections 25x25

- 👍 bearings mounted by a simple twist
- 👍 integrated slats hold down



Aluminum endcap

- 👍 clean
- 👍 safe 'no bodily harm' (health & safety)
- 👍 no product contamination
- 👍 less wear
- 👍 slat hold down inside!



45° angle works like a bulldozer



T-block

- 👎 product contamination
- 👎 more wear
- 👎 potential jamming



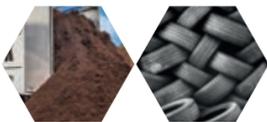
plastic floorslat UHMW with T-block



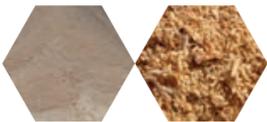
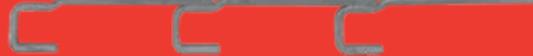
CSC
 'Cargo Slat Connector'
 effective when transport of long floor profiles becomes too expensive!

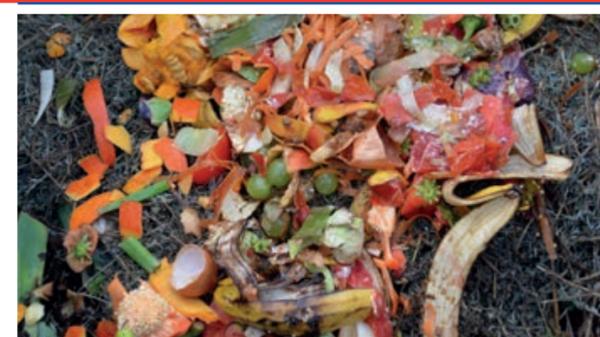


Profile survey: standard Cargo Floor profiles

Product	Profile type	Clarification	Multi-functionality	Leak resistance	Cleanability	Pallet-/bales transport	Drive over with a fork lift truck	Impact resistance	Weight approx.
	Alu profile 6/112mm ribbed (art. no. 20.0360)	The ultimate standard The balanced weight and strong proportions makes this profile suitable for almost every product that needs to be transported. The ribs are only meant to provide traction and guidance to the product (mainly to avoid twisting of pallets). The unique shaped seal can be pulled in the profile to avoid leakage and protect the transported product against road dirt and water splash. The seal itself is also protected by the shape of the profile. To seal both sides of the moving floor surface one double seal profile is provided. With this double seal profile the floor can be easily turned after several years, to extend the life time. This profile can be mounted on most of the plastic bearing blocks and sub decks available. The plastic bearings underneath are protected by and enclosed within the shape of the aluminum profile, this gives an excellent stability to the floor profile and is also protected against street dirt.							X
	Alu profile 6/112mm-DS ribbed (art. no. 21.0549)								X + 0 kg
	Alu profile 6/112mm smooth (art. no. 22.0547)	Completely smooth for product protection This smooth profile is almost identical with regards to the shape and weight to the 6 mm standard profile, with the exception that the two top ribs have been omitted. This has been done in order to prevent damages to products. If the floor has been mounted correctly this profile has the same excellent qualities as the 6 mm standard profile.							X + 160 kg
	Alu profile 8/112 mm ribbed (art. no. 24.3752)	The compromise between weight and impact This "in between" profile has the same shape and qualities as the 6 mm standard profile. The only difference is that this profile is 2 mm thicker. This results in even more stability, better suitable for more intense use whereas the risk of deformation of the profile due to product impact onto the floor or driving over the floor with a fork lift truck is reduced. If one can overlook the weight increase we certainly would advise this profile							X + 310 kg
	Alu profile 10/112 mm ribbed (art. no. 25.0550)	The heavy duty allrounder Impact, wear resisting and driving over this profile, nothing is too much for this profile. The profile itself has the same specifications as the 6 mm standard profile but this profile is 4 mm thicker can be used for the transport of almost any product or machine. Only the extra weight and extra cost of this profile could make you choose another profile.							X + 180 kg
	Alu 8/112mm SLP ribbed (art. no. 72.2988) <small>(possible with SLP-channel (art. no. 755.4525))</small>	SLP the Semi Leak Proof profile This is a profile, as the name already mentions, which is almost leak proof. The profile is just as all round as the 8 and 10 version but as an extra feature: moist products cannot leak through the floor directly. Liquids leak into a special gutter. This gutter can be exchanged and can be simply removed out of the floor for cleaning when necessary. This profile does require a small adjustment to the head board.							X + 370 kg
	Alu profile 8-20/112 mm HD (art. no. 31.1197)	A dedicated Heavy Duty profile This profile is a dedicated profile. This means that the profile is especially designed for the transport of special (mostly extreme) products. Because of the two protruding round merlons this profile has a very high impact resistance and the special round shape makes it easy to clean. Moist and dusty parts flow back into the barrel shape, so moist, mud and dust can simply be drained to the outside and almost no leakage through the floor occurs. This also protects the seal.							X + 600 kg
	Alu profile 8-18/112 mm HDI (art. no. 30.0695)	The extreme dedicated Heavy Duty Impact profile This profile is a dedicate profile. This means this is a profile that has been especially designed for the transport of special (mostly extreme) products. Because of the three protruding round merlons this profile has an unbelievable high impact resistance, that can be compared with construction steel. The round shapes makes it easy to clean. Moist and dusty parts flow back into the channels, so moist, mud and dust can simply be drained to the outside and almost no leakage through the floor occurs. This also protects the seal.							X + 380 kg
	Alu profile 11/112 (119) mm smooth overlap (art. no. 67.6315)	A unique aluminium profile with extra protection and sealed by overlap This 11/112 (119) mm smooth overlap alu. profile is especially developed for those applications where no load may leak through between the floor profiles onto the ground. This does not mean that the floor is liquid-tight or will not leak.							X + 120 kg
	Alu profile 7/112mm XD in hard alloy (Art. No. 33.5046)	Xtreme Durable 'hard alloy' aluminum floor profile This unique 7/112 XD 'X-treme Durable' alu. floor profile is made out of a special developed hard alloy for transport applications which do high frequency loading and unloading as well as the transport of products which have a higher abrasiveness. It is also the extreme and high grade alternative for steel floor profiles, especially if multi functionality (pallet transport, flat floor surface, the ability to drive over the floor with a fork lift truck) and weight are of essential importance for you. The Lightest, Strongest, most wear resistant!							X + 120 kg

Profile survey: Cargo Bulkmove wide profiles

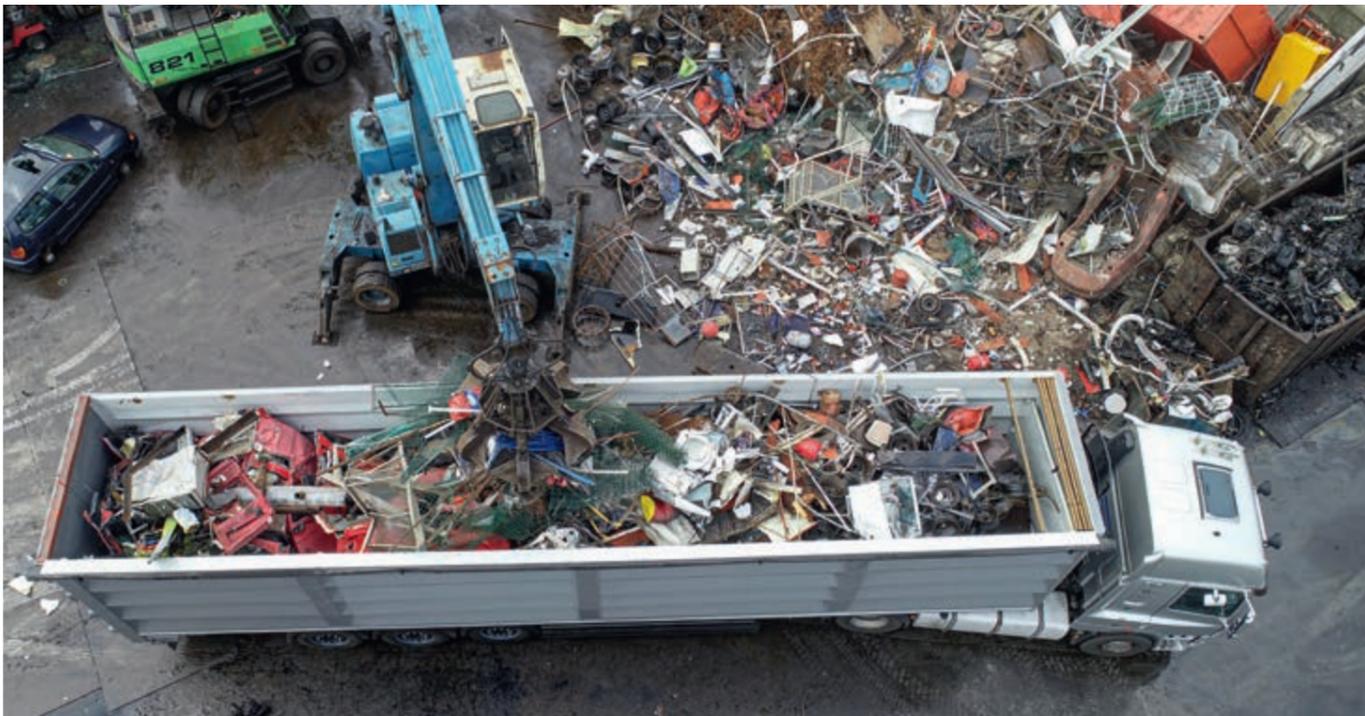
Product	Profile type	Clarification	Multi-functionality	Leak resistance	Cleanability	Pallet-/bales transport	Drive over with a fork lift truck	Impact resistance	Weight approx.
	 <p>Alu profile 6/156,8mm smooth (art. no. 77.4915)</p>  <p>Non moving sideprofiles</p>	<p>Completely smooth for product protection <u>extreme light weight</u> This smooth profile has a balanced weight and strong proportion to make it suitable for transporting almost every product. The unique shaped seal can be pulled in the profile to avoid leakage and protect the transported product against road dirt and water splash. The seal itself is also protected by the shape of the profile. To seal both sides of the moving floor surface one double seal profile is provided. With this double seal profile the floor can be easily turned after several years, to extend the life time. This profile can be mounted on most of the plastic bearing blocks and sub decks available. The plastic bearings underneath are protected by and enclosed within the shape of the aluminum profile, this gives an excellent stability to the floor profile and is also protected against street dirt. The enormously large support and bearing surface provides an extremely long lifespan. For safe and clean emptying the trailer, all floor profiles will be sealed with an end cap in aluminum. The profiles are maintenance free, however cleaning with a high-pressure steam cleaner is permitted without any concessions. The width of the profiles is engineered so that enough space remains for two fixed side profiles in which approved cargo lashing eyes can be mounted. The profile is 100 % recyclable and keeps a certain residual value. Also available in 10 mm. The profile is NOT suitable for the transport of pallets and packaged goods by the movement of the floor.</p> 							X
	 <p>Alu profile 8/20-156,8mm HD (art. no. 79.5208)</p>	<p>A dedicated Heavy Duty profile This profile is a so-called dedicated profile. This means that the profile is especially designed for the transport of special (mostly extreme) products. Because of the two protruding round merlons this profile has a very high impact resistance and the special round shape makes it easy to clean. Moist and dusty parts flow back into the so-called barrel shape, so moist, mud and dust can simply be drained to the outside and almost no leakage through the floor occurs. This also protects the seal. Because of the low weight a perfect payload ratio remains. The profile is NOT suitable for the transport of pallets and packaged goods by the movement of the floor.</p> 							X + 310 kg
	 <p>Alu profile 10/22-156,8mm XHDI (art. no. 81.5440)</p>	<p>XHDI (X-treme Heavy Duty Impact) This profile is a so-called dedicate profile. This means this is a profile that has been especially designed for the transport of special (mostly extreme) products. Because of the three protruding round merlons this profile has a very high impact resistance and the special round shape makes it easy to clean. Moist and dusty parts flow back into the so-called barrel shape gutters, so moist, mud and dust can simply drain to the outside and will hardly leak through the floor. This also protects the seal extra. Because of the low weight a perfect payload ratio remains. This profile is less suitable for the transport of pallets and packaged goods, these need to be loaded and unloaded with the help of a fork lift truck.</p> 							X + 710 kg
	 <p>Alu profile 11/33-156,8mm HD SEALLESS (art. no. 83.5533)</p>	<p>HD SEALLESS This profile is a so-called dedicate profile. This means this is a profile that has been especially designed for the transport of special (mostly extreme) products. Because of the protruding round merlons this profile has a very high impact resistance and the special round shape makes it easy to clean. Moist and dusty parts flow back into the so-called barrel shape, so moist, mud and dust can simply drain to the outside and will hardly seep through the floor. Because of the low weight a perfect payload ratio remains. This profile is NOT suitable for the transport of pallets and packaged goods, not even with the help of a fork lift truck!</p> 							X + 730 kg
	 <p>Alu 10/133mm Leak Proof deckslat HD (Heavy Duty) (art. no. 89.3497)</p>	<p>LR/LP deckslat This profile is specially designed for the leak proof and leak resist applications of the Cargo Floor. It fits over a full-length solid plastic bearing strip and cannot lift away. There remains a channel inbetween the moving slats to make high pressure cleaning possible. The profile can only be combined with a special T-subdeck. The total configuration of the T-subdeck, solid bearing block and this deckslat profile makes the highest resistance against high impact! It is not suitable for carrying fine materials and pallets. Also available in a 7 mm lightweight version.</p> 							Not comparable
	 <p>Alu 7/156,8mm protected seal (art. no. 682.5841)</p>	<p>Protected seal With this special aluminium floor profile, the seal is fully protected and the high overlap of the profile over the adjacent floor profile ensures an almost complete dust/leakproof seal. This profile is therefore particularly suitable for transporting very fine and dusty products as well as products with a high moisture content. However, pallet bearers cannot be transported on this floor, nor can it be driven over with a forklift truck.</p> 							X + 454 kg
	 <p>STEEL L-Shape (art. no. 954.S412)</p>	<p>STEEL L-Shape This profile is specially designed for the transport of abrasive materials without compromise. Is weight not the most important issue? But the degree to which the moving floor profiles are hard-wearing is? We then recommend choosing the super strong and hard-wearing L-shape floor profile. The shape and material choice makes the L-shape the perfect solution for the transport of abrasive material. The impact resistance is also relatively high because of the shape and strength of the profile. Magnelis® preservation: this is a unique steel preservation made of zinc, magnesium and aluminium. This preservation is unique because small damages are self-healing. Because of this, this preservation is viewed as one of the best for steel.</p> 							X + 879 kg



XHDI-XD 'X-treme Durable' alu. in hard alloy



① Impact Resistance Block for moving crossmember (green)
art.no. 4107061



Optional extras



- ② Solid piston rod guidance
art.no. 5160003
- ③ Protection cover cylinder rod side*
art.no. 7371052
- ④ Protection cover cylinder bottom side*
art.no. 7371053
- ⑤ Protection cover control valve top side*
art.no. 7371054

Intelligent Remote Control Module (IRCM)
art.no. 6104048



Extension module for Intelligent Remote Control
art.no. 6104049



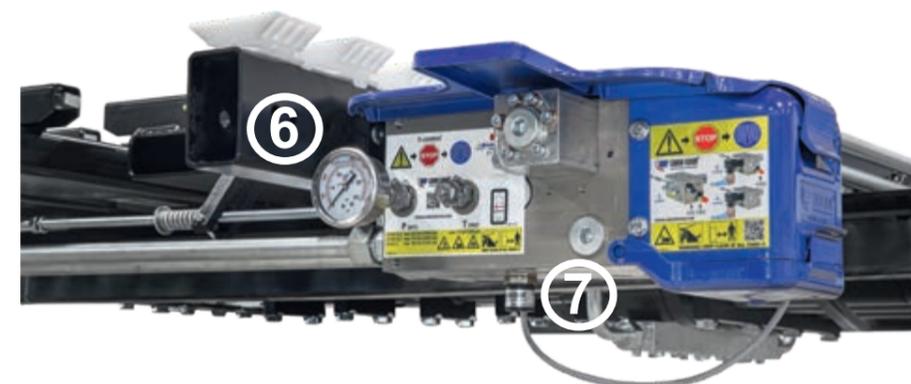
Remote Control
art.no. 6104047



Integration with tracks and skates



Cargo Roller for Moving Bulkhead
art.no. 5165003



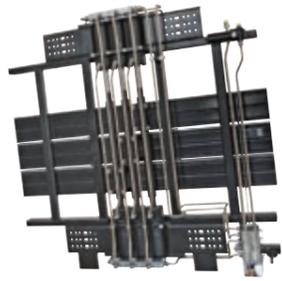
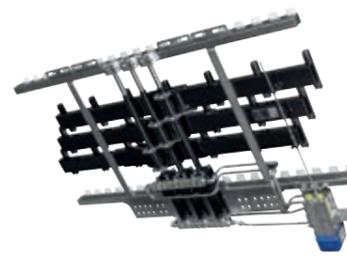
⑥ Pressure gauge Cargo Floor 0-250 bar (connection directly to the control valve)
art.no. 7199003.01

⑦ Oil temperature safety switch protection against overheating. For Cargo Floor control valve E/B
art.no. 6104024.01

TECHNICAL SPECS



Center-mount (Perimeter-mount)



Type	CF500 SLC (Power Speed)*	CF350 CD 'Container Drive'	CF100 SLL	CF600 HDC	CF3 LP	CF800 HD-6 cyl.	
Weight (from)	kg	450	455	295	538	310	1038
Available in Cargo Bulkmove execution	yes	(yes)*	yes	yes	yes	yes	yes
Operating possibilities	E/B/A	(B/A)*	E/B/A	E/B/A	E/B/A	E/B/A	E/B/A
Cylinder bore	mm	100	100	80	120	125	100
Piston rod diameter	mm	45	45	35	45	60	55
Working stroke	mm	200	200	150	200	150	200
Cylinder volume	ltr	2,82	2,82	1,36	4,2	3,26	5,3
Oil volume per cycle	ltr	8,45	8,45	4,09	12,6	9,77	16
Working pressure	bar	170	130	130	130	125	170
Max. pressure	bar	225	170	175	170	150	225
Advised oil flow per minute	ltr	110	(180)*	110	70	130	110
Max. oil flow per minute	ltr	130	(200)*	130	80	160	130
Pressure filter	µm/micron	10	(2x10)*	10	10	10	10
Speed at advised oil flow per minute	mtr	2,6	(4,3)*	2,6	2,1	2,0	1,4
Speed at max oil flow per minute	mtr	3,1	(4,7)*	3,1	2,9	2,6	1,6
Theoretical unloading time trailer 13.6mtr	min	6	(3)*	6	n/a	7	12
Max. loading capacity	ton	40	33	20	40	35	80
Advised pump capacity (2-line system):							
Flow per minute	ltr	110	(180)*	110	70	130	110
Max. pressure	bar	250	250	200	200	175	250
Pressure piping diameter	mm	20x2	(25x2)*	20x2	20x2	25x2	20x2
Return piping diameter	mm	25x2	(30x2)*	25x2	25x2	30x2	25x2
Oil tank filling at advised flow	ltr	110	(180)*	110	70	100	100
Oil tank filling at max. flow	ltr	130	(200)*	130	80	130	130
Max. oil temperature	°C	100	100	100	100	100	100



Oil types: mineral and biological (HEES); Ambient temperature ranges: ● ISO VG32 (-15 < 30 °C) ● ISO VG46 (15 < 40 °C) ● ISO VG22 (-25 < -15 °C)



ABOUT CARGO FLOOR

Global leading manufacturer

Cargo Floor is the global leading manufacturer of horizontal (un)loading **Moving Floor** systems. With over 30 years of experience in the industry, Cargo Floor delivers excellent quality with the very highest levels of customer service and support. **Globally recognized as a market leader**, our products are made in an ISO 9001-2015 certified manufacturing plant. Before delivery, every moving floor system is rigorously tested for function, size, and sealing to ensure that each product is easy to install by its customers and functions as designed. Cargo Floor is proudly made in the Netherlands and exported all over the world.



Innovative

We pride ourselves on our experience, working with OEMs to design and build the best possible (un)loading systems. Combining this experience with feedback from transport companies, material handling experts, and logistic managers ensures we are able to develop the most reliable, strongest, and most durable system for every application, while still being lightest moving floor system available. We strive to be the most innovative manufacturer and supplier of moving floor systems on the planet by using the very latest technology and state of the art components. All Cargo Floor drive units are powered by hydraulics and mechanically driven by internal valves to prevent contaminants like dust dirt and grime from impacting performance.



Sustainability

Everything starts with an idea.

An idea for improving and evolving the world we live in. Studying everything to perfection, because only quality generates quality. Our aim is to obtain the maximum efficiency in a simple and sustainable way in order to build a better future for next generations. We want to share our ideas with the rest of the world, Showing that “quality” and “sustainability” are two concepts that can coexist. Our idea is to protect both men and environment, reducing risks and making the most out of what our planet gives us. We want to move beyond our borders, drawing a new path for the future. But future is closer than you think...

Cargo Floor, your future is in our world.



Cargo Floor B.V. has specialised in the following product groups:

- **Cargo Floor mobile**

Hydraulic moving floor systems for the transport of all kinds bulk material.

- **CargoMatic “The Logistic Solution”**

A dock-to-trailer conveyor system for quick, safe and fully automatically loading / unloading of all packed materials.

- **Cargo Floor stationary**

Hydraulic moving floor systems for self-unloading transport/dosing systems in factories (engineering, design, advice).

- **Service and installation**



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