



Pneumatic, hydraulic and electric 3D access platforms for use in industrial spray booths and painting lines



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01 About Alfadis Platforms

Committing to quality since 2001

When it comes to surface treatment and working on large objects such as trucks, trailers, buses, trains, boats or planes, the added value provided by a lifting platform can't be underrated. After all, a three-dimensional platform allows you to eliminate the hassle with ladders or scaffolding. It is precisely this challenge that has led to the founding of Alfadis Platforms in 2001. Since then, for almost a quarter of a century, we have been innovators when it comes to manufacturing and installing these highend lifting platforms.

The striking power of a group

Alfadis Platforms is part of the renowned Saca Group, which incorporates many complementary entities. Although these companies are linked by surface treatment within an industrial setting, they each have their own focus. At Alfadis Platforms, we focus on simplifying the painter's work when (s)he has to work on large objects on a daily basis. We provide the best possible equipment for this type of job, a secure and efficient lifting platform.

In-house engineering & production

The tailor-made platform systems are designed, engineered and manufactured in the state-of-the-art production facility of Alfadis Platforms in Mouscron, Belgium, close to the French border. To guarantee a high level of quality, we choose to design and manufacture all elements in our own production facility. By doing so, we can assure that an approved project design will look and perform exactly the way it was intended.

Maintaining proper functioning

For servicing your platform you can count on our Alfadis Service entity, the Saca Group specialists in the field of maintenance. With their longstanding experience in the maintenance of Alfadis products, they can be considered as highly skilled professionals in this matter.

Why choose Alfadis Platforms?

- Fast & secure 3D movement
- Ergonomic working environment
- No hassle with steps and scaffolding
- CE- & GOST certified
- Custom engineering
- ATEX approved
- Fast Return On Investment





PNEUMATIC PLATFORMS

HX

02 **HX** Pneumatic platforms

The Alfadis pneumatic work platforms are easy to operate, which allows them to move three dimensional. The results are better quality, more efficiency and an improved working environment, that leads to direct cost savings. They can be used in spraybooths and other industrial environments.

ALFALIFT HX





The Alfalift HX is a 3D pneumatic platforms that can be controlled in 3 dimensions and improves the safety and efficiency during applications where easy height access is required.

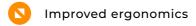
The installation is simple and a minimum maintenance is needed. This pneumatic access platform will increase profitability, operator's well-being and productivity.

The HX pneumatic work platform is mounted on the side walls of the booth. The platforms are pneumatically powered and come with a connection for compressed air, yet use no more air than a standard spray gun (6-8 bar).



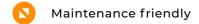
Advantages













Alfalift HX Specs

PLATFORM	
People	Up tot 2 persons
Max reach horizontal	2970
Max reach vertical	5200
Energy required	Compressed air 6-8 bar
Max noise level	75 dB(A)

SPEED	
Up & down	6 m / min
Left & right	25 m / min
In & out	6 m / min







The Alfalift HX3 is the standard model. It can move 3-dimensional and can carry one person and his equipment.







The Alfalift HX4 is designed to carry two persons and their equipment.





The Alfalift HX5 is similar to the HX3 platform but is built for booths which have no structure fit to hold platforms.





The Alfalift HX6 is similar to the HX4 platform but is built for booths which have no structure fit to hold platforms.











НХ

ALFALIFT

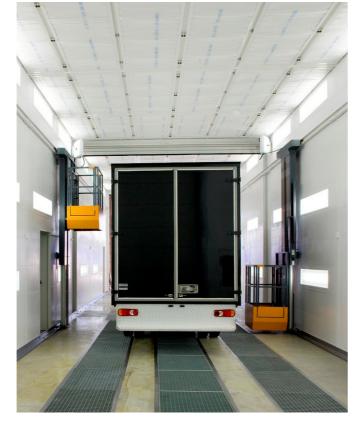
НХЗ

The HX3 is our entry-level model, allowing you to enjoy the benefits of a 3D work platform at a limited cost. The platform is designed for 1 person, but comes in 4 different configurations, to fit the available space next to the object to be sprayed. One of the most common uses of this model is in trailer construction and repair, where the tasks are covered by the reach of the platform.







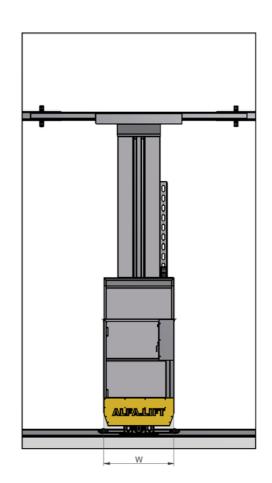


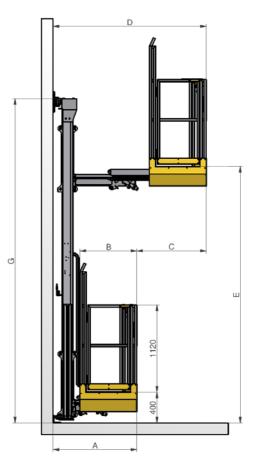
Specs

нх3	PERS.	мои	NTING	WORKHEIGHT	DISTANCE	WALL	DIMENSION	S CAGE	COURSE	MAST
MODEL		W	F	MAX (E)	MIN (A)	MAX (D)	DEPTH (B)	WIDTH (W)	MAX (C)	HEIGHT (G)
580	Ť	•		4100	920	1420	580	900	500	Max 4985
730	ŧ	•		4100	1070	1970	730	900	900	Max 4985
830	Ť	•		4100	1170	2270	830	900	1100	Max 4985
830 MAX	Ť	•		4100	1270	2470	830	900	1200	Max 4985

Step height: 400

Dimensions in mm | W= Wall | F= Floor | • = 150 kg payload | • • = 250 kg payload





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ALFALIFT

HX4

The HX4 differs from the HX3 by its wider cage, up to 1800mm, which enables 2 people to work at the same time or to have more freedom of movement without having to move the platform. The maximum load capacity has been increased to 250kg, which also makes it possible to bring along heavier paint pump or other equipment.

Thanks to its modified double construction, the maximum reach of the HX4 is even higher and further.









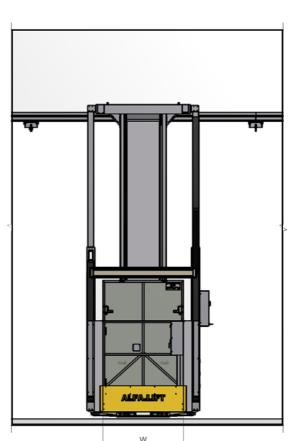
Specs

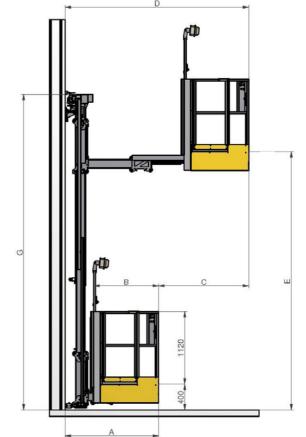
НХ4	PERS.	иоом	NTING	WORKHEIGHT	DISTANCI	E WALL	DIMENSION	IS CAGE	COURSE	MAST
MODEL		W	F	MAX (E)	MIN (A)	MAX (D)	DEPTH (B)	WIDTH (W)	MAX (C)	HEIGHT (G)
700	ŤŤ	•		5200	1150	2050	700	1250-1850	900	Max 6200
800	ŤŤ	•		5200	1250	2350	800	1250-1850	1100	Max 6200
900	ŤŤ	•		5200	1350	2650	900	1250-1850	1300	Max 6200
1000	ŤŤ	•		5200	1450	2650	1000	1250-1850	1200	Max 6200
1000*	ŤŤ	•		5000	1450	2850	1000	1250-1850	1400	Max 6200

Step height: 400

Dimensions in mm | W= Wall | F= Floor | 🕴 = 150 kg payload | 🐧 🛊 = 250 kg payload

*Not limited to the above models, custom made models are possible after verification by engineering.





HX5

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ALFALIFT

This variant of the HX3 is specially designed to relieve the structure of the booth of the additional load resulting from the platform.

Since the HX5-platform travels on a rail on the ground, the whole weight is supported by that rail, while the structure against the side wall only serves as a support.

Like the HX3, this platform offers the advantages of a 3D work platform combined with a limited investment. The elevator is suitable for 1 person, and once again there are 4 different configurations to choose from.





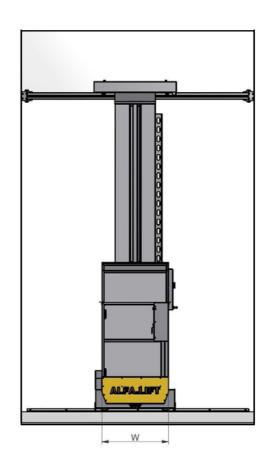


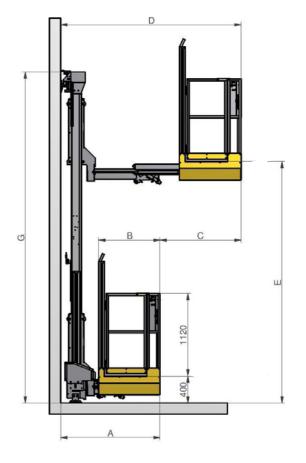
Specs

нх5	PERS.	мои	INTING	WORKHEIGHT	DISTANCE	WALL	DIMENSION	S CAGE	COURSE	MAST
MODEL		W	F	MAX (E)	MIN (A)	MAX (D)	DEPTH (B)	WIDTH (W)	MAX (C)	HEIGHT (G)
580	Ť		•	4100	1100	1600	580	900	500	Max 5275
730	Ť		•	4100	1250	2150	730	900	900	Max 5275
830	Ť		•	4100	1350	2450	830	900	1100	Max 5275
830 MAX	Ť		•	4100	1450	2650	830	900	1200	Max 5275

Step height: 400

Dimensions in mm | W= Wall | F= Floor | • = 150 kg payload | • • = 250 kg payload





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ALFALIFT

HX6

The HX6 is a modification of the HX4, purpose built to relieve the structure of the booth of the additional load resulting from the platform.

Since the HX6-platform, like the HX5, travels on a rail on the ground, the whole weight is supported by that rail, while the structure against the side wall only serves as a support.

Like the HX4, this platform is distinguished by its wider cage, and a higher load capacity of up to 250kg.







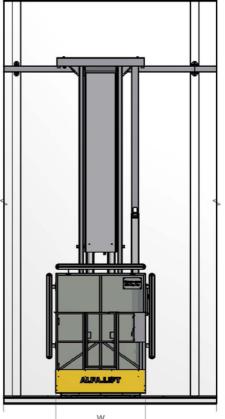
Specs

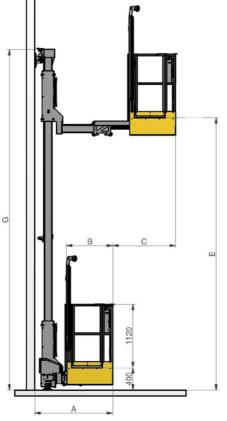
нх6	PERS.	мои	NTING	WORKHEIGHT	DISTANCI	WALL	DIMENSION	S CAGE	COURSE	MAST
MODEL		W	F	MAX (E)	MIN (A)	MAX (D)	DEPTH (B)	WIDTH (W)	MAX (C)	HEIGHT (G)
700	ŤŤ		•	5200	1270	2170	700	1250-1850	900	Max 6260
800	ŤŤ		•	5200	1370	2470	800	1250-1850	1100	Max 6260
900	ŤŤ		•	5200	1470	2770	900	1250-1850	1300	Max 6260
1000	ŤŤ		•	5200	1570	2770	1000	1250-1850	1200	Max 6260
1000*	ŤŤ		•	5000	1570	2970	1000	1250-1850	1400	Max 6260

Step height: 300

*Not limited to the above models, custom made models are possible after verification by engineering.







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HE

ELECTRIC PLATFORMS

ELECTRIC PLATFORMS

03 **HE** Electric platforms

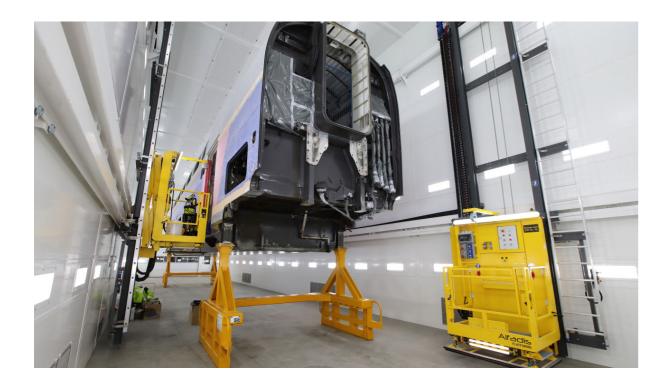
ALFALIFT HE Ex (Ex



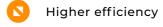


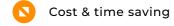
The Alfalift HE is the perfect choice for customers with high demands in terms of accessibility, stability, reliability, and comfort. By operating through PLC and frequency converters, the electric drive is better controlled in all 3 directions, resulting in more overall control and stability.

Each HE platform is custom designed for and together with the customer, according to the dimensions of the object to be sprayed, the booth and the activity. In addition, a large number of options can be provided to meet each customer's specific requirements.



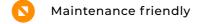
Advantages





ATEX certified and approved





Specs

PLATFORM	
People	Up tot 2 persons
Max reach horizontal	4325
Max reach vertical	6400
Required electric power	6 kW
Max noise level	65 dB(A)

PLATFORM	
Up & down	6 m / min
Left & right	10-25 m / min
In & out	6 m / min
Max stroke horizontal	2800 m
Max stroke vertical	6000 m
Max dimens. cage	1250x800

*Not limited to the above models, custom made models are possible after verification by engineering.







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04 **HS** Hydraulic platforms

ALFALIFT HS (Ex) (E





The Alfalift HS is our solution for working at height in an ergonomic way for activities that are not carried out in a booth. Since it runs autonomously and securely on the ground, there is no need for an external support structure. Given the potentially large platform, we opt for a hydraulic, PLC-controlled drive.

Each HS platform is designed to measure and together with the customer, according to the dimensions of the object to be sprayed, the available space and the activity. In addition, a large number of options can be provided to meet the customer's specific requirements.

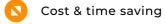
One of the most common uses of this model is in train construction and repair, where the activities can be performed within the range of the platform.



Advantages

	Versatile solution for diverse
U	activities/industries







Improved ergonomics

ATEX certified and approved

Maintenance friendly

Specs

PLATFORM	
Noise level	Max. 85 dB
Charge	300 kg
Max stroke horizontal	600
Max stroke vertical	3900
Cage size	4130x1200

SPEED		
Up & down	6 m / min	
Left & right	10-25 m / min	
In & out	6 m / min	

HYDRAULIC PLATFORMS

*Not limited to the above models, custom made models are possible after verification by engineering.









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CUSTOM MADE PLATFORMS

05 CU Custom made platforms

At Alfadis Platforms, we fully understand that companies do not turn to us just to purchase one of the systems in our offering, but for a solution tailored to their needs. So if you can't find what you are looking for on the previous pages, don't worry! Get in touch with our in-house experts and discover how far we can go in customizing your project!



In-house production

Alfadis Platforms explicitly chooses not to outsource anything to external subcontractors. This increases the speed of completion, even for custom solutions. Production is always carried out either in the production department in Mouscron, or by another subsidiary of the Saca Group in Slovakia. All electrical facilities are carried out by our own electrical engineers of the Saca Group. The advantage of this approach is that we maintain full controll from beginning to and, which means that for many years now we have been able to offer a high quality level, whether in standard configurations or custom solutions.









Unprecedented flexibility

Looking for a special elevating platform, with vertical or horizontal movement and a huge range? Alfadis Platforms will take care of it! Our in-house engineers will explore your needs, after which the ideal tailor-made answer will be developed. This far-reaching flexibility is one of our many strengths, ensuring that your solution will be the perfect match for your needs.



Homologation

Although Alfadis Platforms will of course provide all kinds of recommendations regarding safety, the practical feasibility of certain wishes and legal conformity, every elevating platform - without exception - will also be homologated before shipment by an international notified body.





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06 Options

Alfadis platforms constantly challenges itself to innovate, based on what is important to their customers. Some of these innovations and options to the original configuration are convenient and smart, others have become almost indispensable to be able to efficiently carry out painting and other applications.



Protection Covers

To protect the cage and its components against overspray, and guarantee a long lifespan, protection covers can easily be installed and replaced.



Pump onboard

To shorten a trailing paint hose and associated paint losses, and increase safety, the paint pump and recipient can be installed on the platform itself.



Lighting

To compensate the shadows of the platform itself and the operator, additional lights can be installed around the cage.



Dust extraction

For heavy industrial applications, it is possible to equip the platform with a system for dust extraction.



Anti-collision system

A movement sensor or a net under the cage ensures that in the event of a collision the damage can be limited. When a collision is detected, the platform automatically stops immediately. Before further use, the movement of the platform has to be released by the operator.



Doors or drop down fencing

Alfadis Platforms can implement doors or fences along the front of the platform cage. Fences can be dropped down to reach surfaces ergonomically. Doors can be used to leave the cage on height safety.



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ATEX sockets

Operators who need electrical energy in the cage can consider having (ATEX) sockets installed in the platform cage.





Other options

All possible options can be implemented. Moreover, the presence of additional functionalities does not affect the annual inspection of a platform system. So, if you want to reach higher, do not hesitate to get in touch! We have listed some of the most comon options below.

Hosereel	Foot pedals	Floor guidance
Cable chain	Paint distribution on cage	Automatic door lock cage
Cable Trolley	Parking position up	Breathing air
ATEX Plug	Double wheel under/above	Balancer load help
Door in front	Additional air connection	Stop collision
Light unit (ATEX)	Hinge for middle door	Home position contact
Safety Pin	Removable rail	Ladder next to cage

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07 Approach

Based on the analysis carried out by a commercial contact and our in-house engineers, it will be determined whether the customer's requirements can be covered by using a standard model, or whether they can only be met by modifying and extending a standard configuration, resulting in a fully customized solution.

Once the **engineering** starts, the importance of mutual communication between Alfadis Platforms and the customer cannot be underestimated. Weekly or every two weeks consultations are frequently planned to discuss and speed up the progress of the plans.



During these meetings, Alfadis Platforms is represented by your commercial contact and by engineers who are responsible for the **design** and technical provisions of the realization. Through thorough consultation and constant focus on all details, Alfadis Platforms can guarantee a perfect solution to your request.

Challenge us!

Investing in an elevator platform is not something you do overnight. We fully understand that when figuring out the desired configuration of such a massive structure, doubts may arise as to whether you are making the right decisions for your specific purposes.

That's why we are committed to helping you solve this complex problem. Not (solely) on the basis of spreadsheets with, among other things, the required specs, the installation space or the desired type of drive, but mainly through many talks and open communication between people.

Think the solution for your application doesn't exist? Think again! Because even if a specific platform configuration may not exist today, we will put our best minds to work to figure it out for you.

So don't hesitate to challenge us! We are sure that, through our platforms, we can take your business to a higher level!

08 References







































"We make you reach higher"

