MANUAL

LOADING & UNLOADING STRUCTURES
FOR CHAIRLIFTS

IDM
PARTENAIRE TECHNIQUE POUR LA MONTAGNE

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LOADING

1 - LAYOUT ITS LOADING AREA

For IDM, the major purpose is to offer innovative and high quality solutions for users and ski owners. We want to improve all ski areas management, every day thanks to our expertise.

We divide our solution into two groups : the queue (up to entrance gates), and the loading zone.

Frédéric FORTE

Alpe d'Huez Operation Manager

« We work with the french company IDM since 1993 in order to equip loading and unloading structures of our chairlifts.

We might say that during all this time, we have a real opportunity to install all solutions offered by IDM : from Dalle Bergo, to new sliding mat MR.SNOW - product which is also used for artificial ski slope.

Indeed, loading and unloading zones could be really complex and anxiety-provoking for users.

We wanted to supply sustainable products in our installations with the purpose of improving the clients security and confort.

Regardless the use, the constraint and the opportunity, we have always found solutions allowing us to safely operate without hampering the user experience.

Moreover, IDM innovative solutions make easier the compliance with regulations regarding to the height between the seat and the structure ».

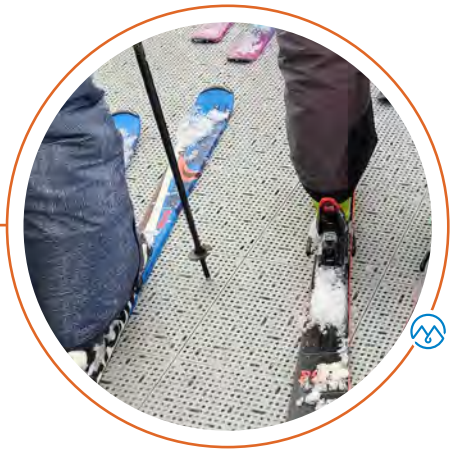
The waiting zone, up to the entrance gates, aims to prepare in the best possible way the arrival of skiers in the loading area through a pratical and safe zone..

We propose different kinds of sliding mats, from your every need, dictated by effective or performing reasons.

Astroski

In roll form, this durable product retains snow and allows skiers to ski on edges. Non slip surface for pedestrians

Colours: : green and white



Loady

In the form of a robust clip-on tile, suitable for medium and high flow rates, designed to be painted.

Colours: green or light grey

Skigliss

In roll form, Skigliss is the most economical product for chairlifts unloading areas with low skiers debit.

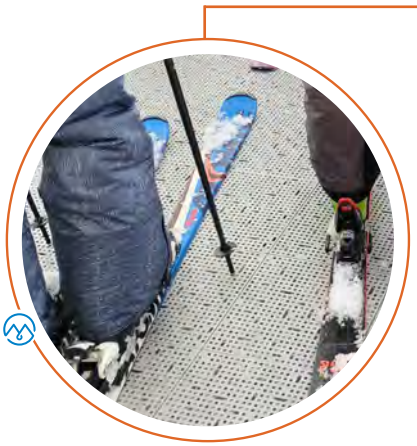
Colour : white

For optimal durability, the sliding mat must be installed on a wooden floor or a concrete slab.

3 - LOADING ZONE

The loading area, located after the entrance gates, is the last step before skiers loading. This zone must be safe, intuitive and visible for users.

Sliding mats



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Astroski
In roll form, this durable product retains snow and allows skiers to ski on edges. Non slip surface for pedestrians. .

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For optimal durability, the sliding mat must be installed on a wooden floor or a concrete slab.

Signage complements

STOP plate

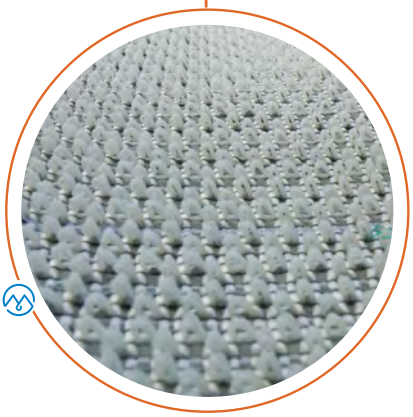
Very intuitive signage to guide and ease the end of the skiers loading zone. Available in 2 ,3, 4, 6 et 8 seaters with a green or white surface.
Colors : white or green background

T profile

It allows users to be in position regarding the chairlift's seat.
Unique color : red

UNLOADING

4 - UNLOADING SLIDING MAT



Mr.Snow

Used on artificial ski slopes, quite slipery, it doesn't need water, snow or lubricant. Non-slip for pedestrians

Unique color : white

5 - UNLOADING STRUCTURE

In the interest to secure the unloading zone and optimizing its use, we have created and developed an all season and custom-made unloading area strucutre, for all kinds of chairlifts models

MR.SNOW SLIDING MATS

Textile made of nylon buckles. This product is used for artificial ski slope.

GALVANIZED STEEL

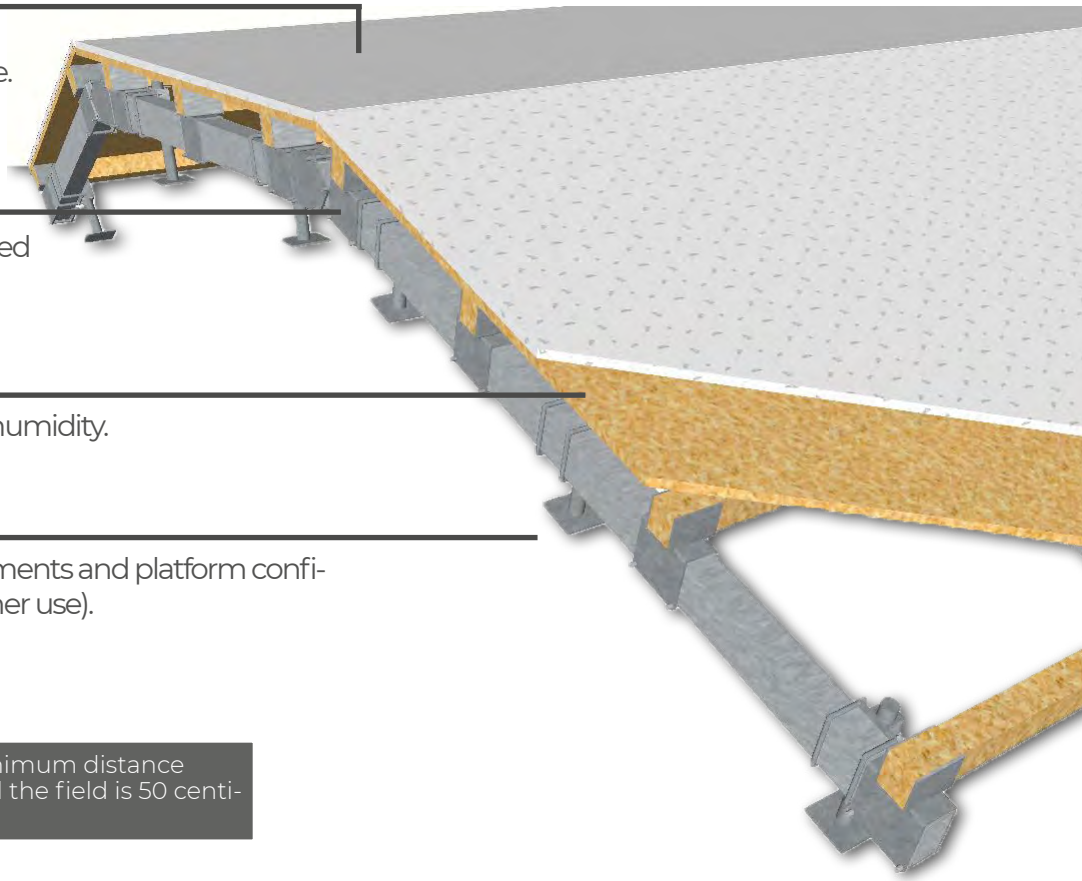
The platform skeleton is in galvanized steel and customizable.

WOODEN FLOOR

Light and durable, anti-moist and humidity.

LEVELLING FOOT

Levelling foot allow height adjustements and platform configuration changes (winter or summer use).



For an optimal layout, the minimum distance between the snow height and the field is 50 centimeters (19,69 inches).

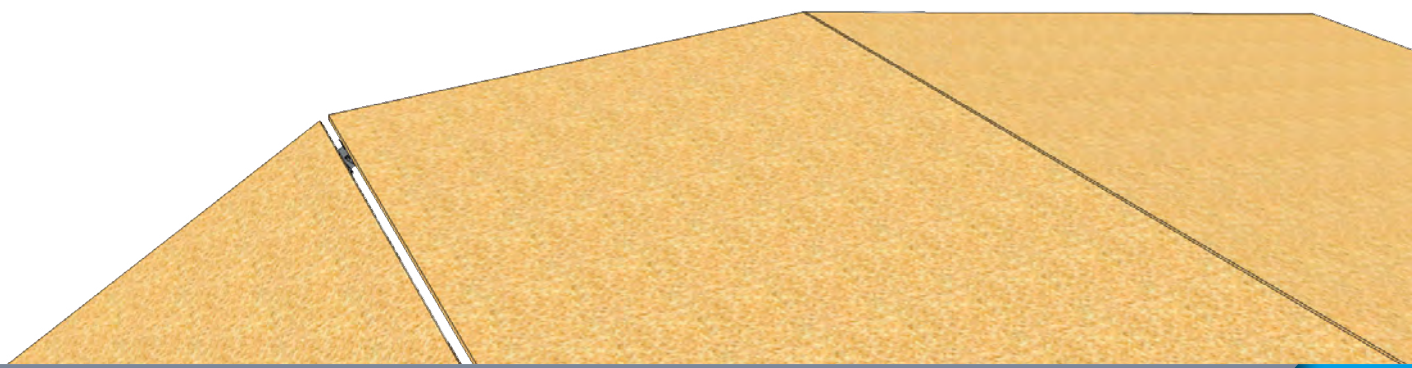
6 - BENEFITS OF OUR SOLUTION

FOR OWNERS

- The compliance with the current and applicable regulations. The lack of snow ensure a regulatory and constant seat height.
- Economic solution thanks to the no use of snow in order to adapt and arrage the unloading area platform.
- Not slipery for hikers or moutain bikers. Moreover, this Mr.Snow floor mat ensures safety moves for the working team.
- Custom-made solution. Our structure is compatible with all models of fixed-grip and detachable chairlifts, and hybrid lifts.
- Our modular slope solution enlarge the platform

FOR USERS

- Reassuring solution, Mr.Snow mats guarantee a constant slide regardless the weather conditions or the quality of the snow .
- Our unloading platform ensure a sliding surface for skiers but also an antislip mats for mountain bikers and hikers during summer activities.



7 - CUSTOMIZATION

In order to improve security and intuitiveness in unloading structures, IDM offers several customizable solutions.

ARROW PLATE

In High Density Polyethylene (HDPE). It allows to indicate the unloading zone for users and to anticipate their positioning.

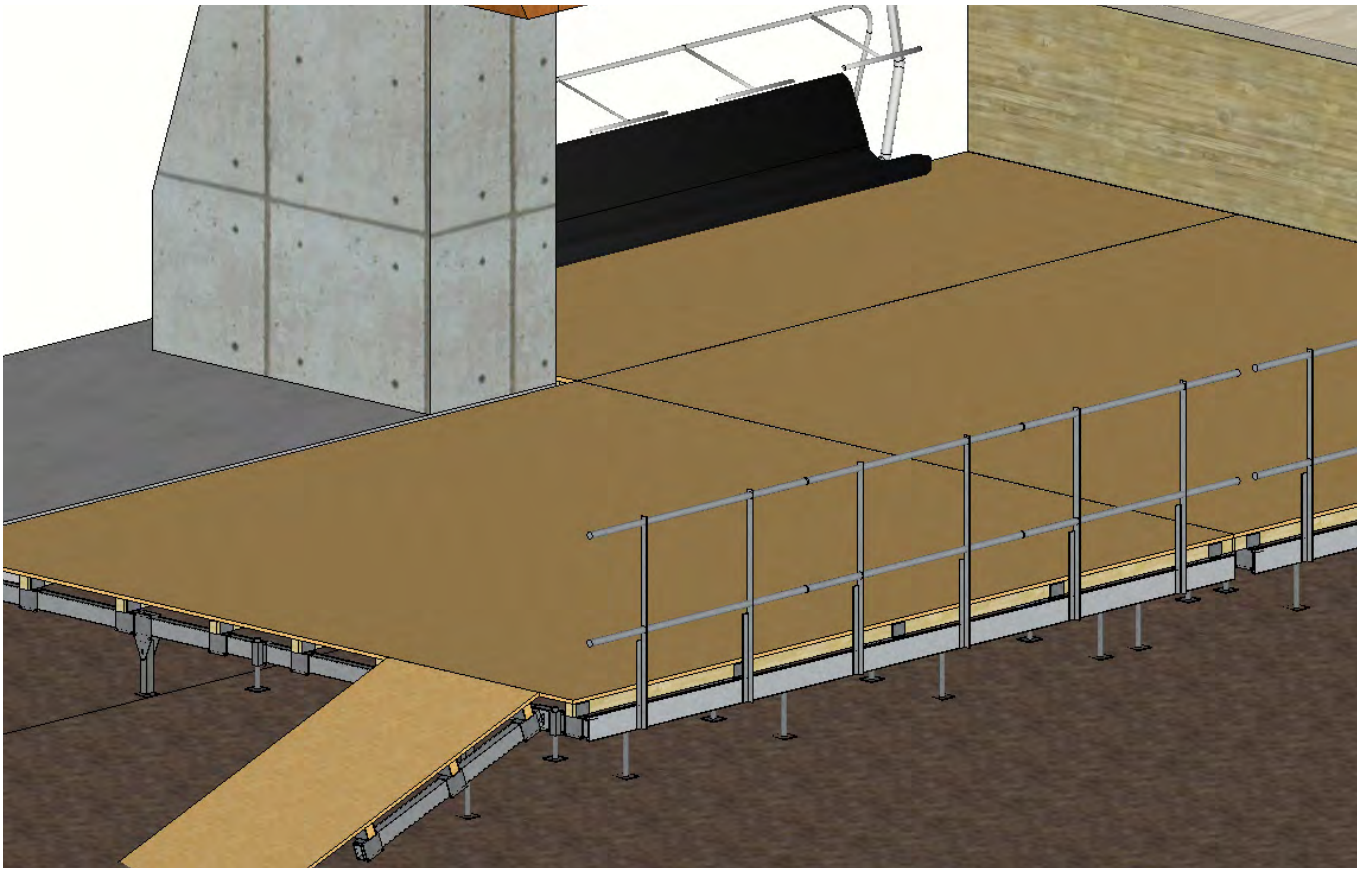
or

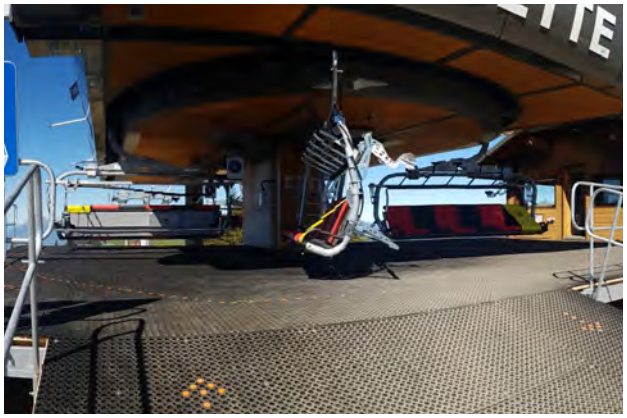
ZEBRA

In High Density Polyethylene (HDPE). Thanks to its bright colors, the plate delineate and signal the unloading zone.

SIGNS PLATE

Steel plate allowing a clear signalisation concerning the railing lifting. The central text is customizable according to your needs.



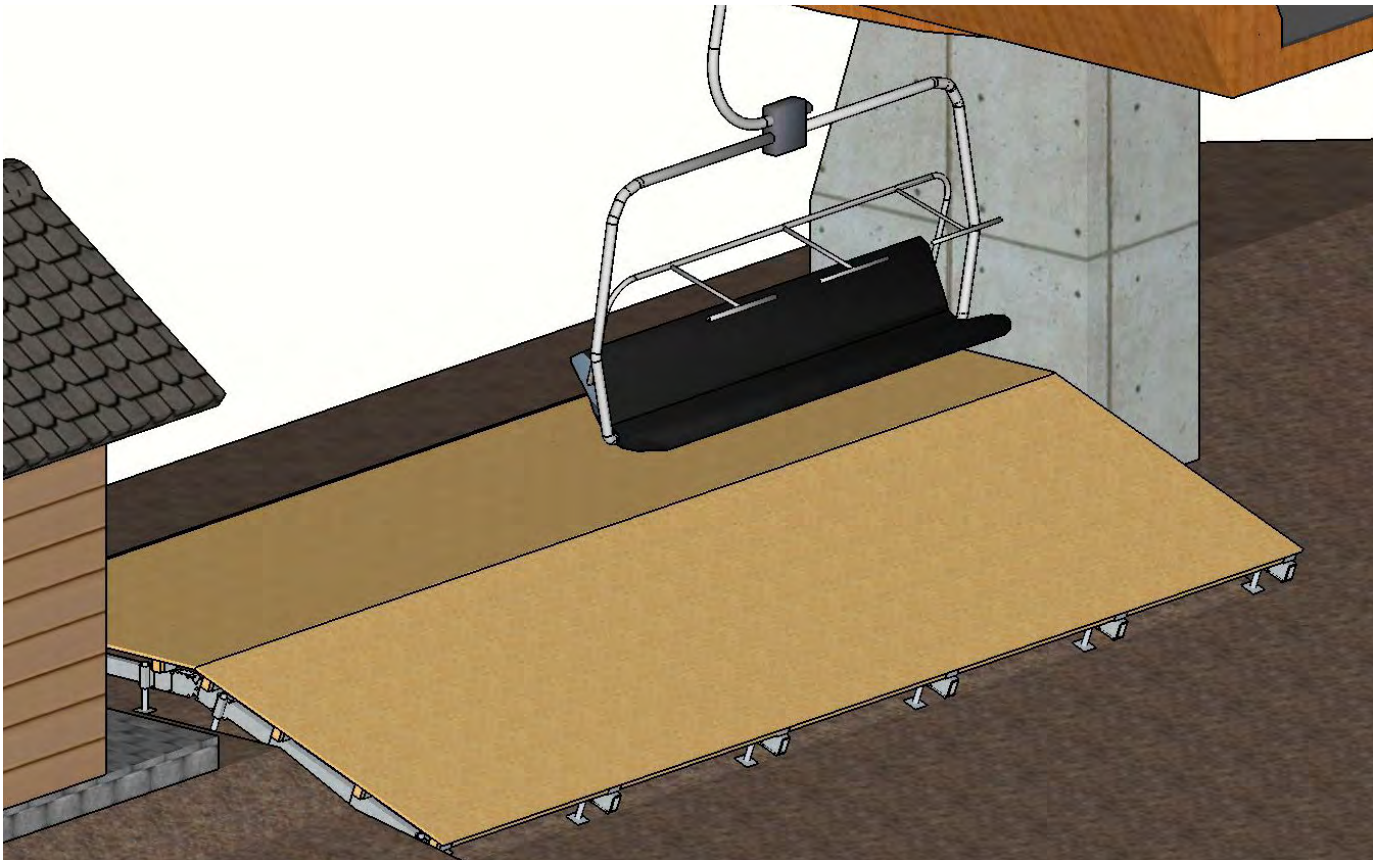


For Summer

Ski owners are able to configure the structure for summer period thanks to the mobile slope.

It will be able to receive pedestrians and mountain bikers in a wide and safe zone, reassuring the unloading.

8 - SIMULATION

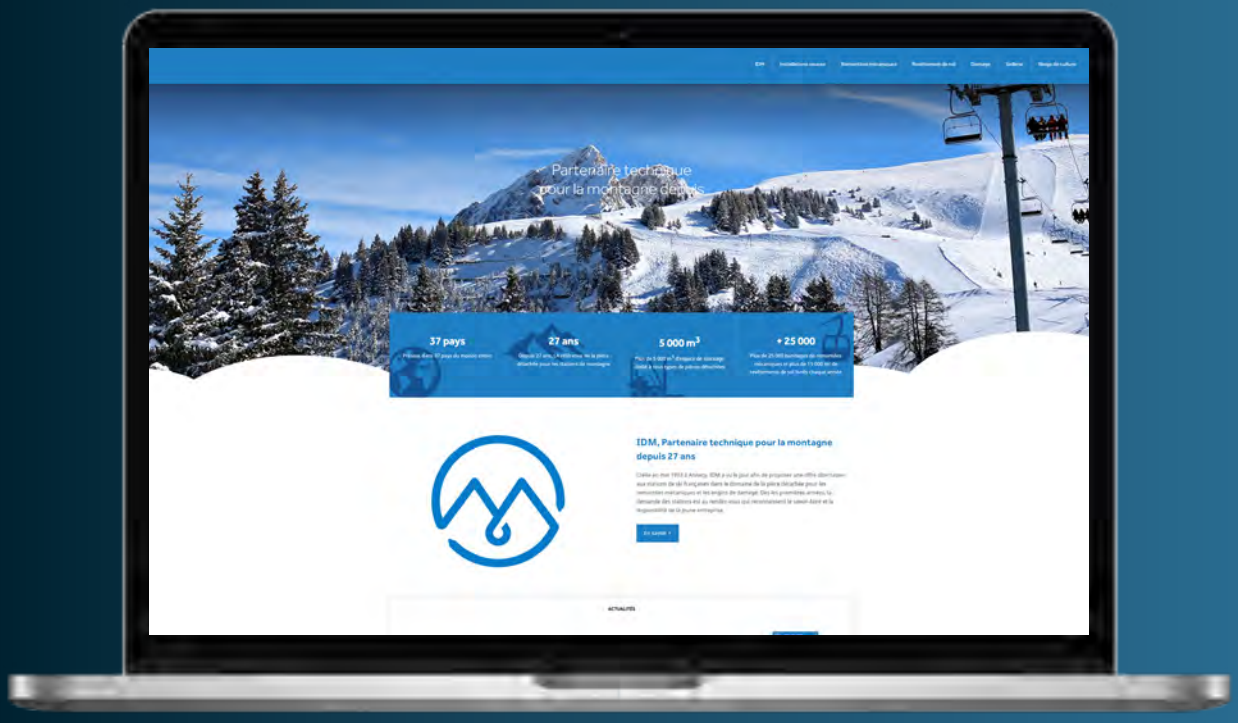


For winter

The custom made structure works effectively on any type of chairlifts and fully respect the regulation in force The lack of snow ensure a regulatory and constant seat height.

ALL OUR PROFESSIONNAL PRODUCTS AND SERVICES ARE AVAILABLE ON OUR WEBISTE

SHOP.IDM-FRANCE.COM/GB



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