

FADIEL ITALIANA

MOVIA RAMP PRODUCT INFORMATION



2-STAGE MOVIA RAMP

The MOVIA ramp is a transport aid, suitable for transport of disabled persons to facilitate access to the vehicle but also for loading and unloading of goods.



ADVANCED TECHNOLOGY

MOVIA ramps are made entirely of **aluminium sheet**. Our production system allows the manufacture of devices that are **lightweight** and with the minimum space requirements.

NON-SLIP SURFACE

The distinctive and exclusive feature of the **MOVIA ramps** is the **punched contact surface**, which provides **exceptional grip** against water, snow and mud.

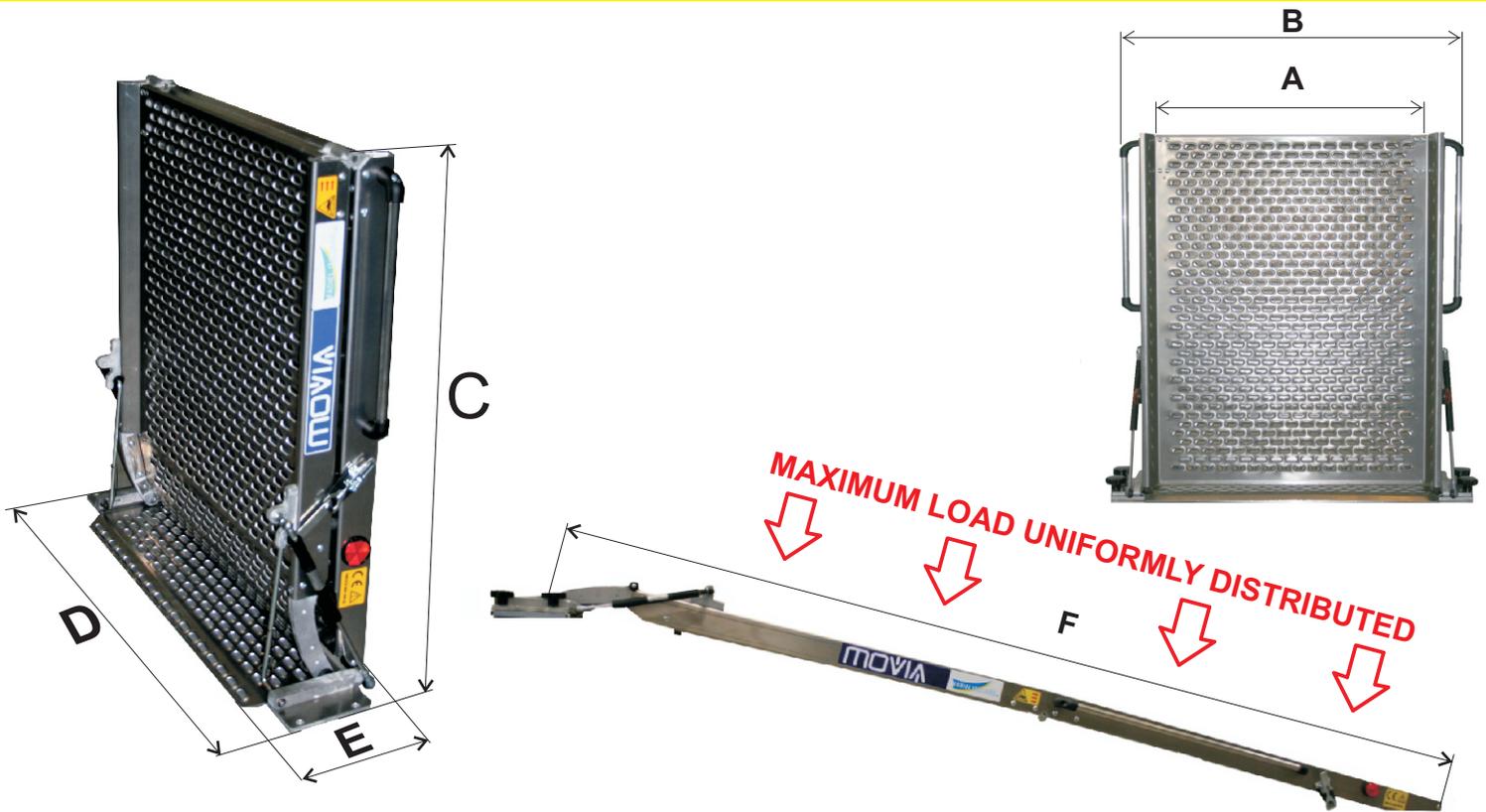
SAFETY AND RELIABILITY

The **MOVIA ramp** is equipped with two gas springs and two comfortable handles to facilitate the opening and closing of the ramp. Upon request, it is possible to activate (by your fitter) the lights that signal the encumbrance, for greater safety and visibility at night.

REMOVABLE

The **MOVIA** ramp is attached to the vehicle floor by a plate with four wing nuts that make it **removable**.

For sizes different from the ones listed on the next page, please contact us.



R = Nr. stage		Useful passage Width	Max overall dimensions	Height when closed	Maximum Width	Thickness	Length	MAXIMUM LOAD	Weight Kg
MOVIA	Code	A	B	C	D	E	F	G	
140R2	100008	760	950	750	1050	210	1400	300	23
180R2	100001	760	950	950	1050	210	1800	300	28
200R2	100002	760	950	1060	1050	210	2000	300	30
220R2	100003	760	950	1160	1050	210	2200	300	32
240R2	100005	760	950	1260	1050	210	2400	300	34
260R2	100004	760	950	1360	1050	210	2600	300	36
260R2-80	100029	800	990	1360	1090	210	2600	300	38

3-STAGE MOVIA RAMP

The MOVIA ramp is a transport aid, suitable for transport of disabled persons to facilitate access to the vehicle but also for loading and unloading of goods.



ADVANCED TECHNOLOGY

MOVIA ramps are made entirely of **aluminium sheet**. Our production system allows the manufacture of devices that are **lightweight** and with the minimum space requirements.

NON-SLIP SURFACE

The distinctive and exclusive feature of the **MOVIA ramps** is the **punched contact surface**, which provides **exceptional grip** against water, snow and mud.

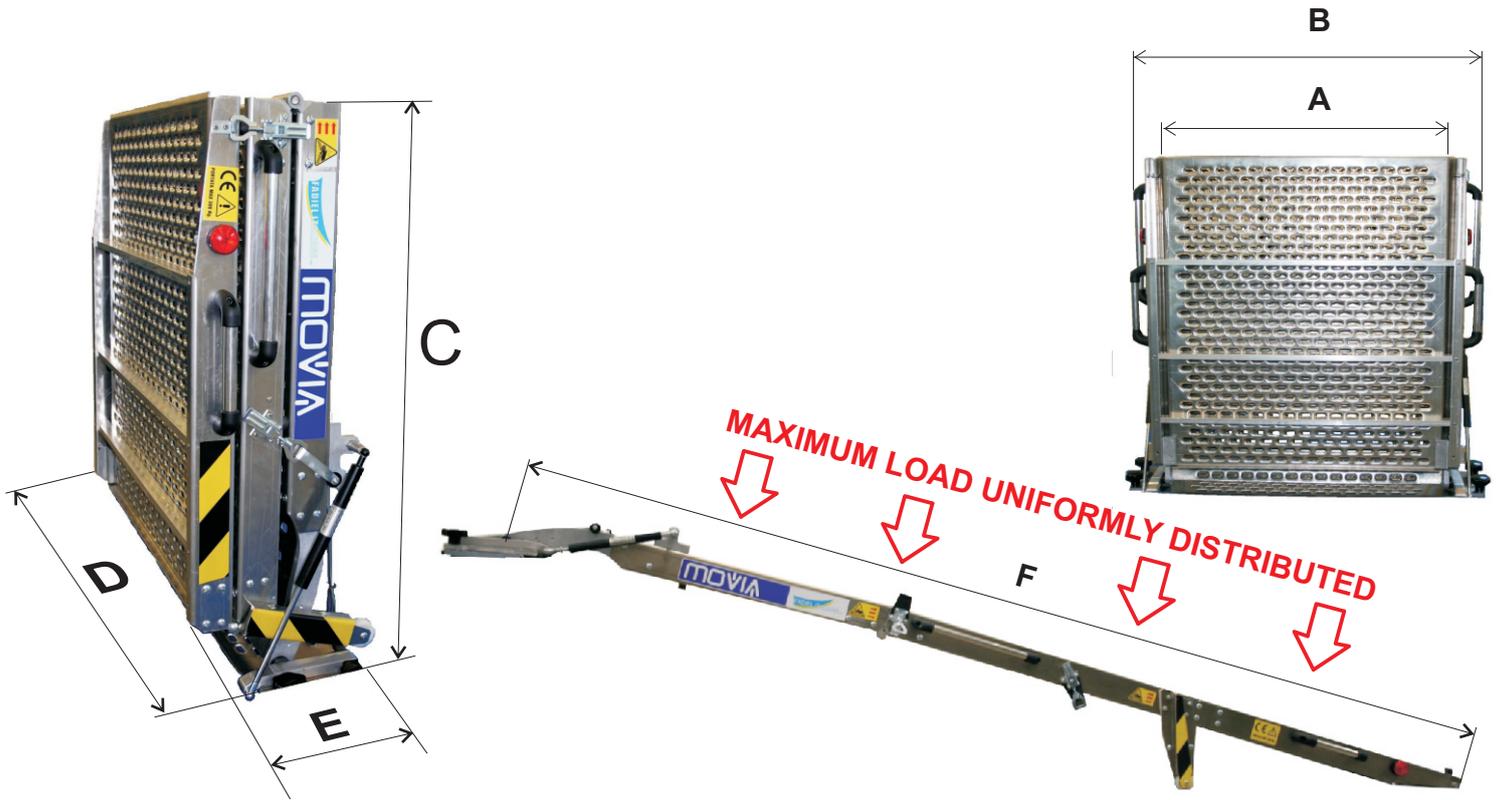
SAFETY AND RELIABILITY

The **MOVIA ramp** is equipped with two gas springs and two comfortable handles to facilitate the opening and closing of the ramp. Upon request, it is possible to activate (by your fitter) the lights that signal the encumbrance, for greater safety and visibility at night.

REMOVABLE

The **MOVIA ramp** is attached to the vehicle floor by a plate with four wing nuts that make it **removable**.

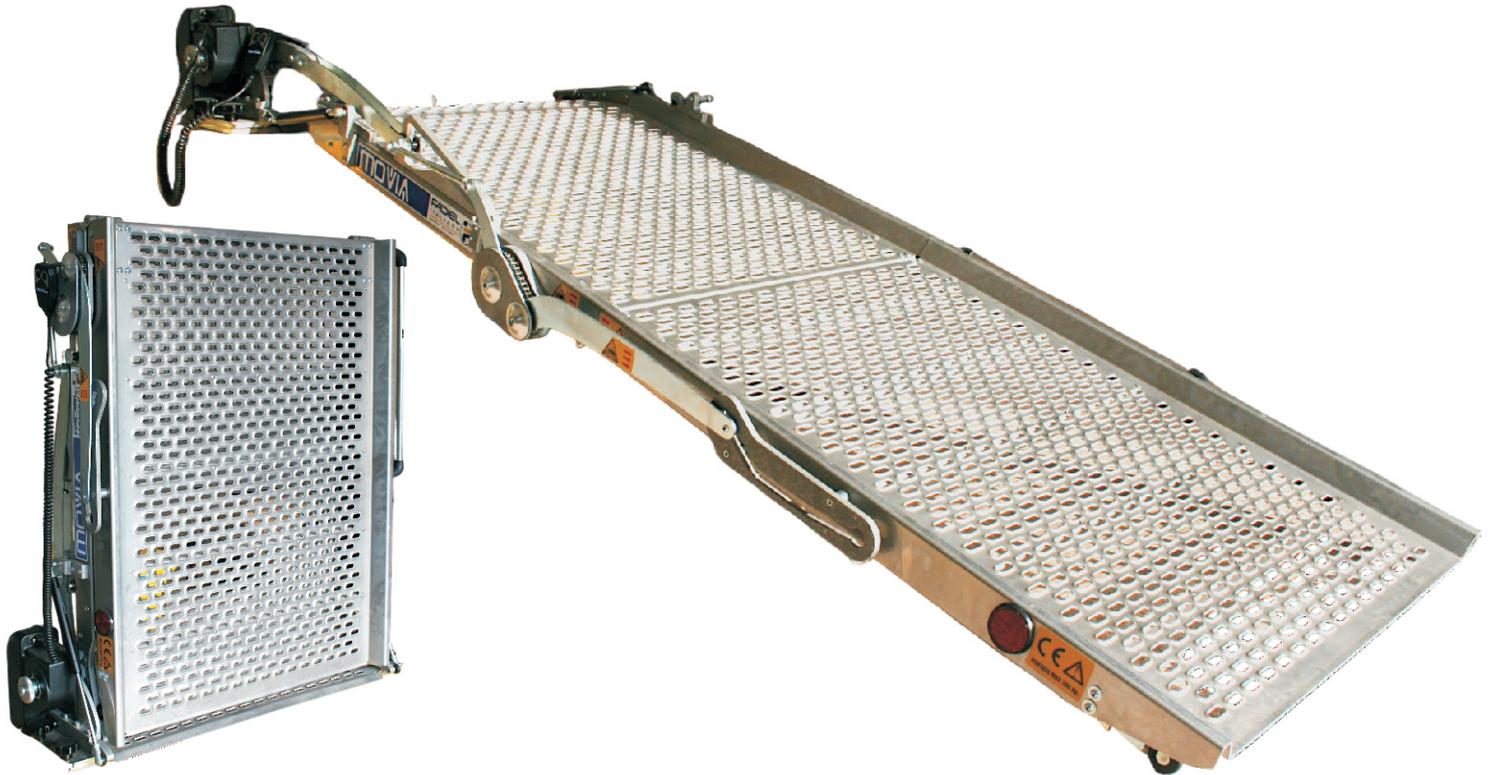
For sizes different from the ones listed on the next page, please contact us.



R = Nr. stage		Useful passage Width	Max overall dimensions	Height when closed	Maximum base Width	Thickness	Length	MAXIMUM LOAD	Weight Kg
MOVIA	Code	A	B	C	D	E	F	G	
270R3	100011	760	950	980	1050	340	2700	300	38
330R3	100012	760	950	1180	1050	340	3300	300	40
390R3	100013	760	950	1480	1050	340	3900	300	45

MOTORIZED MOVIA RAMP

The Motorized MOVIA ramp is an automatically operated device, suitable for transporting disabled persons to facilitate access to the vehicle but also for loading and unloading goods.



ADVANCED TECHNOLOGY

Motorized MOVIA ramps are made entirely of seamless sheet aluminium. Our production system allows the construction of lightweight and space-saving devices.

NON-SLIP SURFACE

The distinctive and exclusive feature of the **MOVIA ramps** is the **punched contact surface**, which provides **exceptional grip** against water, snow and mud.

EASY TO USE

The **Motorized MOVIA ramp** is equipped with a pushbutton panel to control the opening and closure (entirely manufactured by **Fadiel Italiana**) and can be supplied wired or wireless. Loading and unloading operations are performed with 2 pushbutton panels.

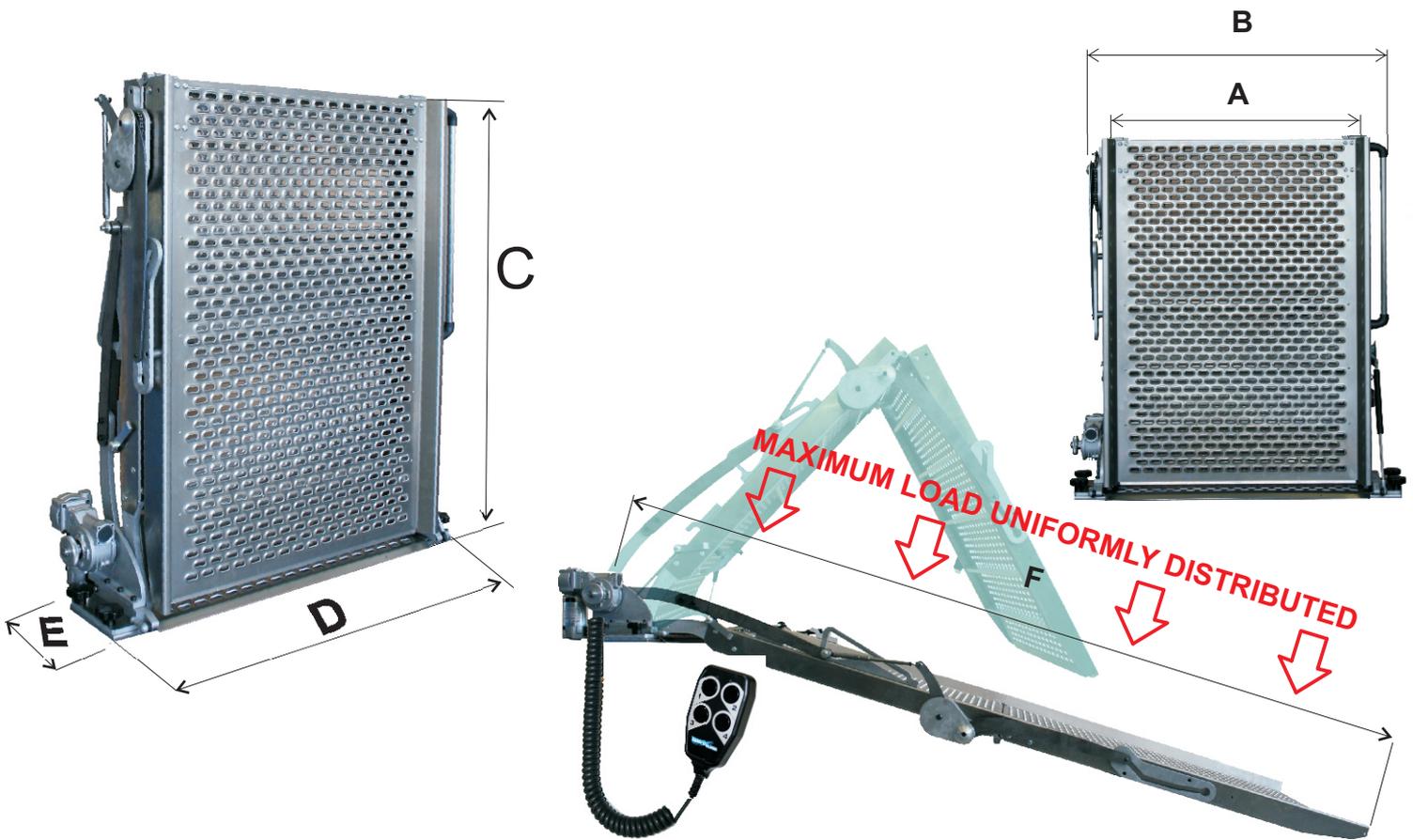
SAFETY AND RELIABILITY

The **MOVIA ramp** is equipped with two gas springs and two comfortable handles to facilitate the opening and closing of the ramp. Upon request, it is possible to activate (by your fitter) the lights that signal the encumbrance, for greater safety and visibility at night.

REMOVABLE

The **MOVIA ramp** is attached to the vehicle floor by a plate with four wing nuts that make it **removable**.

For sizes different from the ones listed on the next page, please contact us.

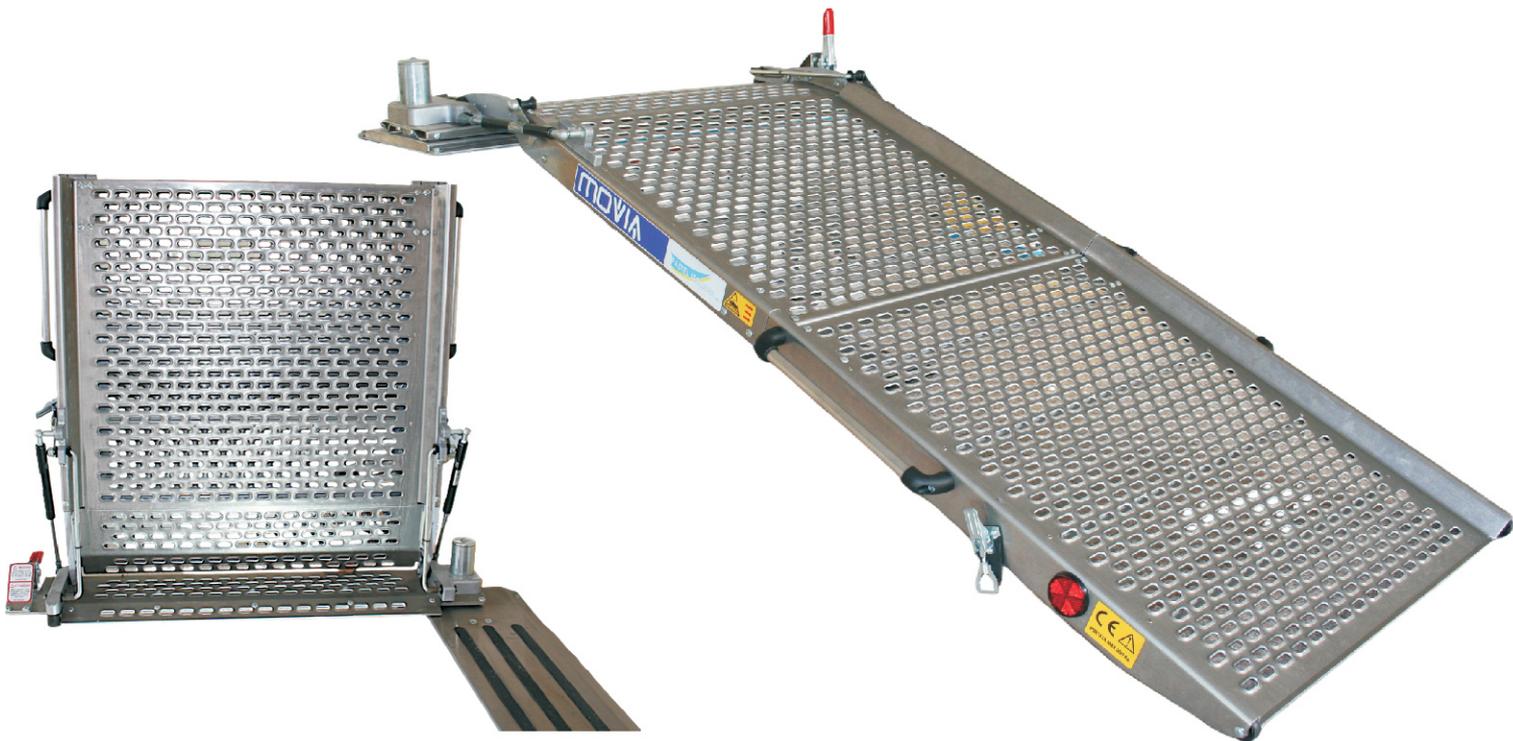


R = Nr. stage
 M = Device with motor control
 F = Device with wire connection

MOVIA	Code	Useful passage Width	Max overall dimensions	Height when closed	Maximum Width	Thickness	Lenght	MAXIMUM LOAD	Weight Kg
		A	B	C	D	E	F	G	
180R2MF	100020	760	950	950	1050	210	1800	300	35
200R2MF	100025	760	950	1060	1050	210	2000	300	36
220R2MF	100022	760	950	1160	1050	210	2200	300	38
240R2MF	100024	760	950	1260	1050	210	2400	300	42

SWIVEL MOVIA RAMP

The swivel MOVIA ramp is a transport aid, suitable for transporting disabled persons to facilitate access to the vehicle but also for loading and unloading goods



ADVANCED TECHNOLOGY MOVIA ramps are made entirely of **aluminium sheet**. Our production system allows the manufacture of devices that are **lightweight** and with the minimum space requirements.

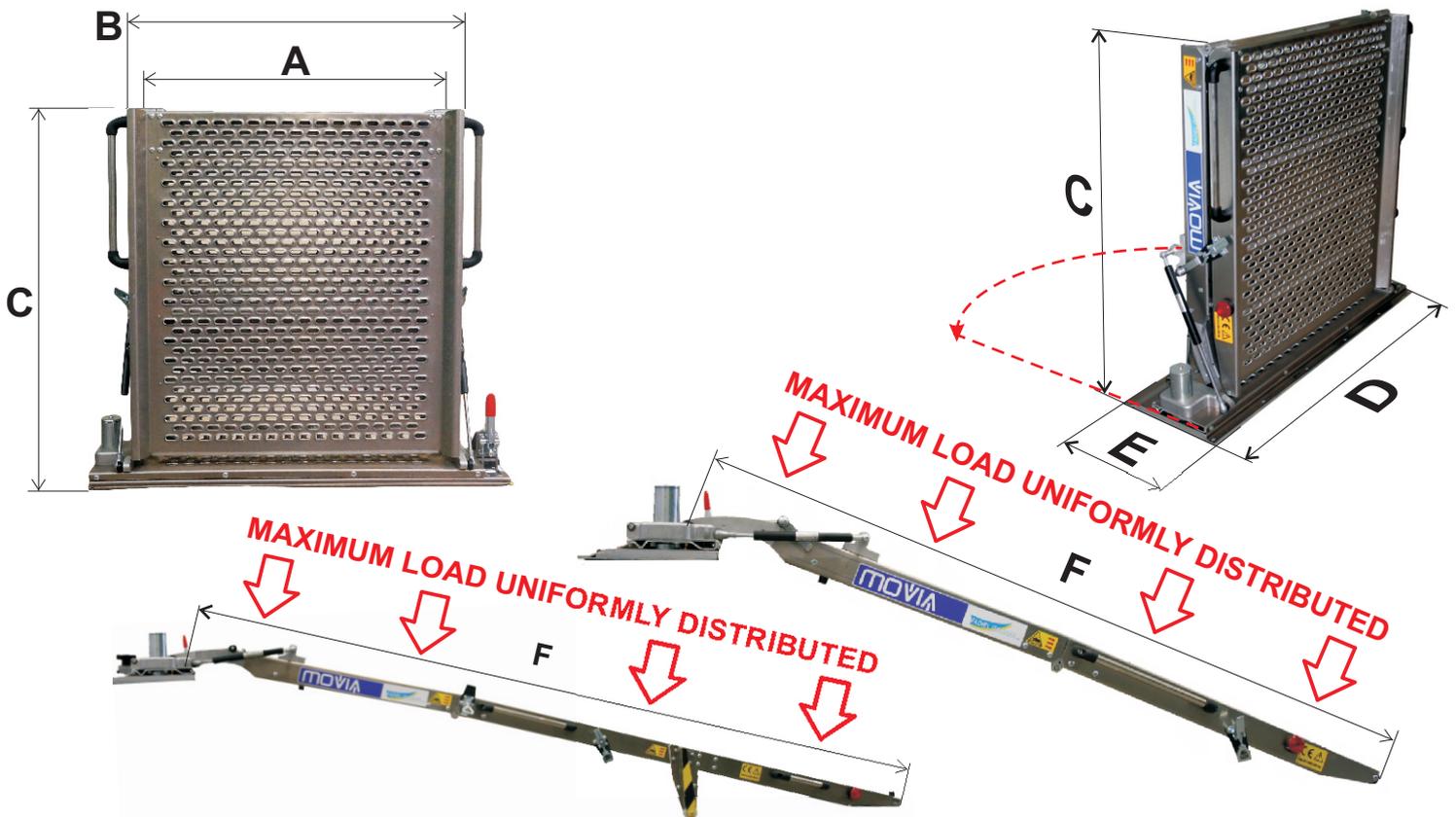
ROTATION The **swivelling MOVIA ramp**, thanks to a **swivel axis**, can be **rotated** to the right or left side of the vehicle once in use, giving free access to the load compartment. Both, in the use position and in the side position, the ramp is **locked by a special lever**. The swivelling MOVIA ramp can be rotated to the **RIGHT or LEFT** side.

NON-SLIP SURFACE The distinctive and exclusive feature of the MOVIA ramps is the **punched contact surface**, which provides **exceptional grip** against water, snow and mud.

NON REMOVABLE **This is the only model in the Movia ramp line that is fixed, so it is NOT removable.**

SAFETY AND RELIABILITY The MOVIA ramp is equipped with two gas springs and two comfortable handles to facilitate the opening and closing of the ramp. Upon request, it is possible to activate (by your fitter) the lights that signal the encumbrance, for greater safety and visibility at night.

For sizes different from the ones listed on the next page, please contact us.



R = Nr. stage
G = Swivel
D = Right
S = Left

2 STAGE

MOVIA	Code	A Useful passage Width	B Max overall dimensions	C Height when closed	D Maximum base Width	E Thickness	F Lenght	G MAXIMUM LOAD	Weight Kg
180R2GD	100101	760	950	1025	1110	320	1800	300	43
180R2GS	100110								
200R2GD	100102	760	950	1125	1110	320	2000	300	46
200R2GS	100111								
220R2GD	100103	760	950	1225	1110	320	2200	300	48
220R2GS	100112								
240R2GD	100105	760	950	1325	1110	320	2400	300	50
240R2GS	100113								
260R2GD	100104	760	950	1425	1110	320	2600	300	52
260R2GS	100114								
270R3GD	100108	760	950	1019	1110	340	2700	300	54
270R3GS	100109								

3 STAGE

JOLLY RAMP

The MOVIA JOLLY ramp is an INNOVATIVE SUPER LIGHT ramp that opens manually, creating an inclined plane between the vehicle floor and the pavement, facilitating wheelchair access to the vehicle, can also be used for commercial purposes.



ADVANCED TECHNOLOGY

This **RAMP**, made of the highest quality materials and powder-painted, is **200 cm long** and has an **aluminium walking surface** of only **52 or 64 cm**, the minimum essential for transporting the wheelchair.

NON-SLIP SURFACE

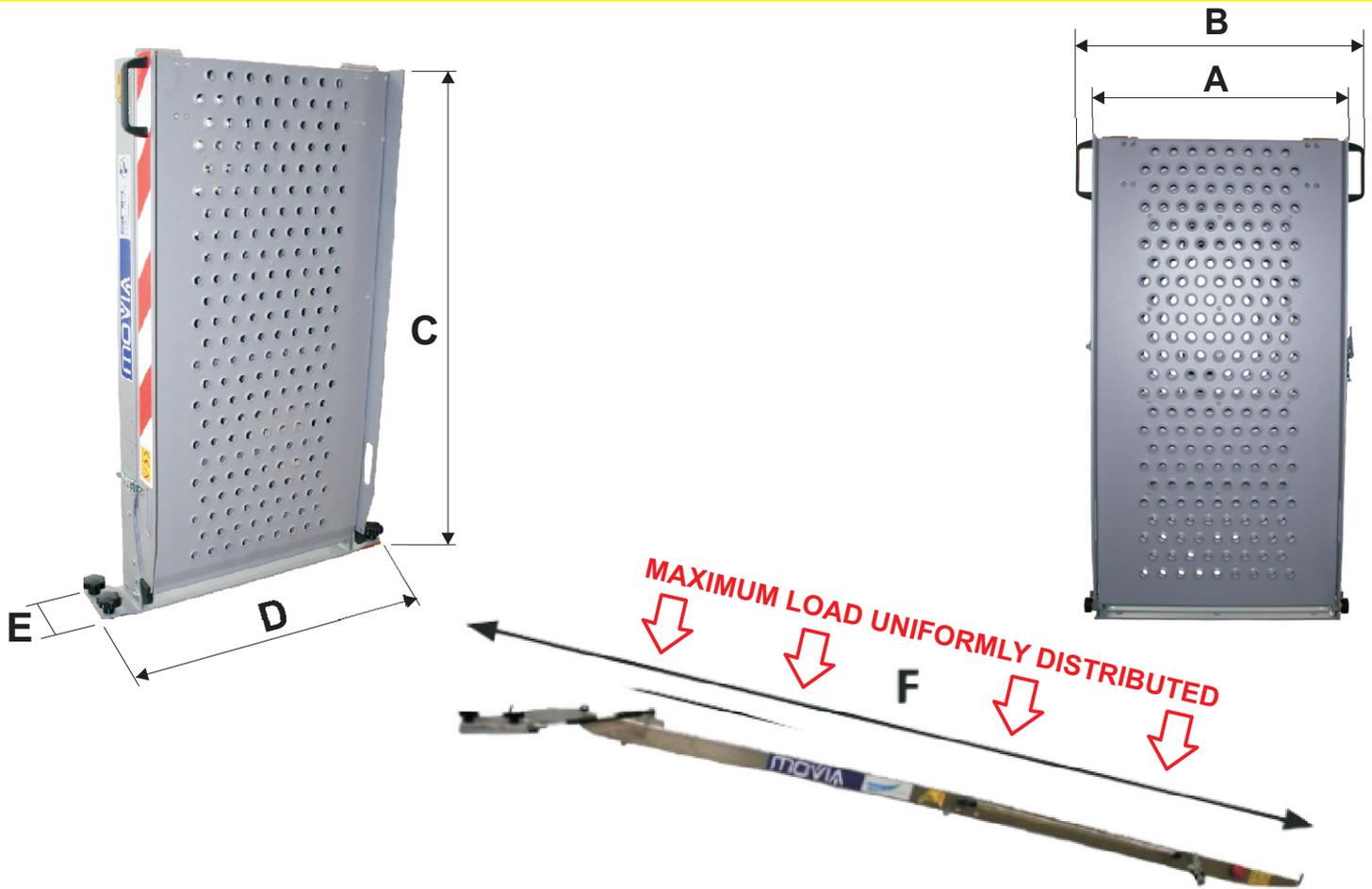
The **outer lanes** are **smooth** to allow the wheels to slide smoothly, while the **central part** is **punched** to provide **optimum grip** for the operator.

WEIGHT CAPACITY

The **load capacity** is an impressive **300kg** and when folded the **height** is only **108 cm**.

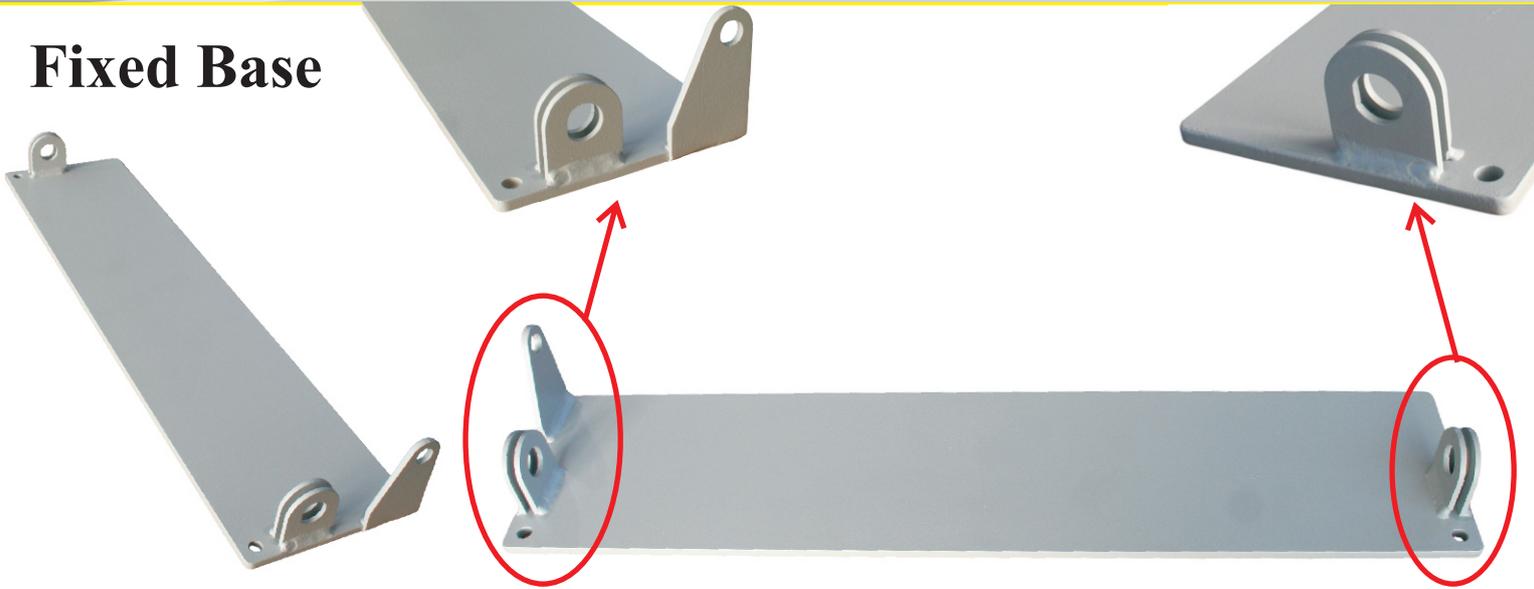
LIGHT WEIGHT

Weight only **23 kg**, it is **REMOVABLE** simply by unscrewing the wing nuts, guaranteeing a **huge versatility** of the vehicle, which can also be used for other types of services.



R = Nr. stage		Useful passage Width	Max overall dimensions	Height when closed	Maximum base Width	Thickness	Lenght	MAXIMUM LOAD	Weight Kg
JOLLY	Code	A	B	C	D	E	F	G	
200R2-50 Fixed base with side attachment	100010	520	610	1080	565	215	2050	300	23
200R2-50 Removable Base	100030	520	610	1080	725	110	2050	300	23
200R2-50 Fixed Base	100031	520	610	1080	553	110	2050	300	23
200R2-64 Removable Base	100033	640	730	1080	845	110	2050	300	25

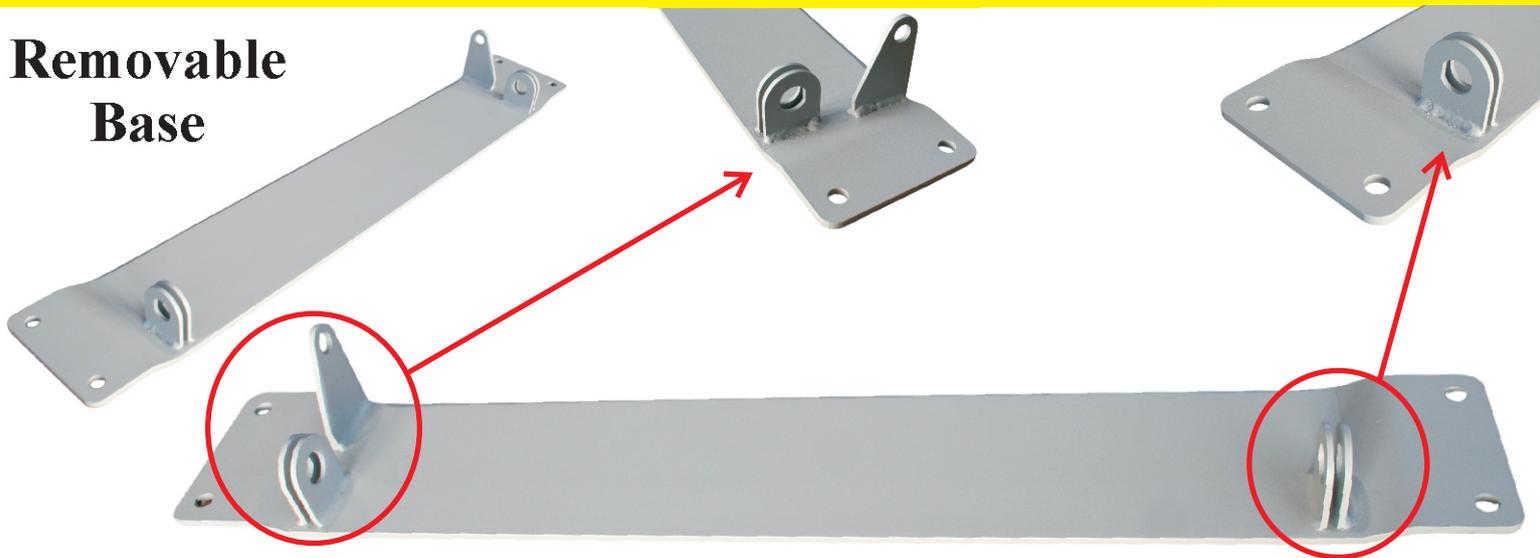
Fixed Base



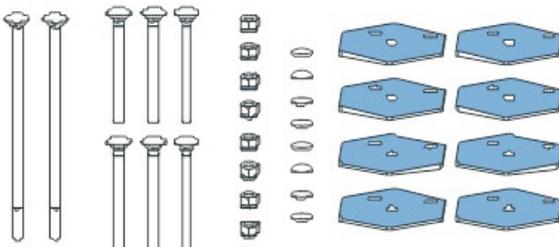
Fixed base with side attachment



Removable Base



Ramps Accessories

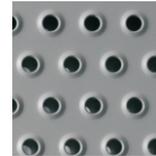
	DESCRIPTION	CODE
	Wireless 2-4 pushbutton panel kit	015010
	Wireless 6-8 pushbutton panel kit	015014
	Ramp MOUNTING KIT	106604

GENERAL DESCRIPTION

The **MOVIA** ramp is an **INNOVATIVE** ramp that opens manually or electronically, creating an inclined floor between the ground floor and the vehicle floor and facilitates **autonomous access** to wheelchair users, it can also be used for commercial purposes.

The MOVIA ramp can be mounted to the rear or the side of the vehicle, is easily **REMOVABLE** through 4 knob screws that ensure its **FIXING** on the vehicle floor using a special bracket.

- **LIGHTWEIGHT** Constructed entirely from **punched ALUMINIUM** sheet metal, so **without welding**.
- **ANTI-SLIP** The walking surface is made **non-slip** by a special processing of the sheet metal (**punching**), designed and manufactured by **FADIEL ITALIANA**; it consists of a series of **oval holes** with a raised edge, which also **improves** the **strength** of the walking surface.
- **FOLDABLE** in 2 or 3 parts
- **ASSEMBLY-DISASSEMBLY FROM THE VEHICLE** Quick and easy by 4 knob screws
- **REAR VISIBILITY** The special processing of the sheet metal with oval holes allows partial visibility of the driver when manoeuvring, through the ramp itself
- **DIMENSIONS** Appropriate to allow installation on vehicles
- **SAFETY** There are reflectors on the sides of the ramp to mark the footprint of the ramp
- **SAFETY HOOKS** The MOVIA ramp in vehicle running condition is closed folded in 2 halves, these 2 parts remain locked in their position by the safety hooks.



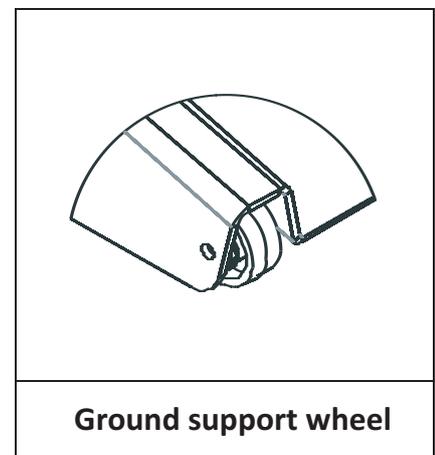
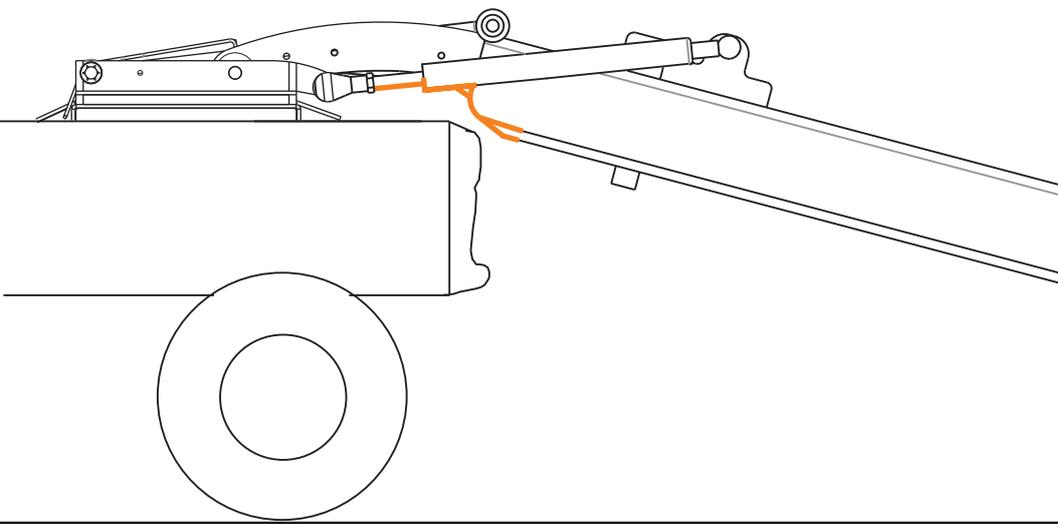
Jolly



Movia

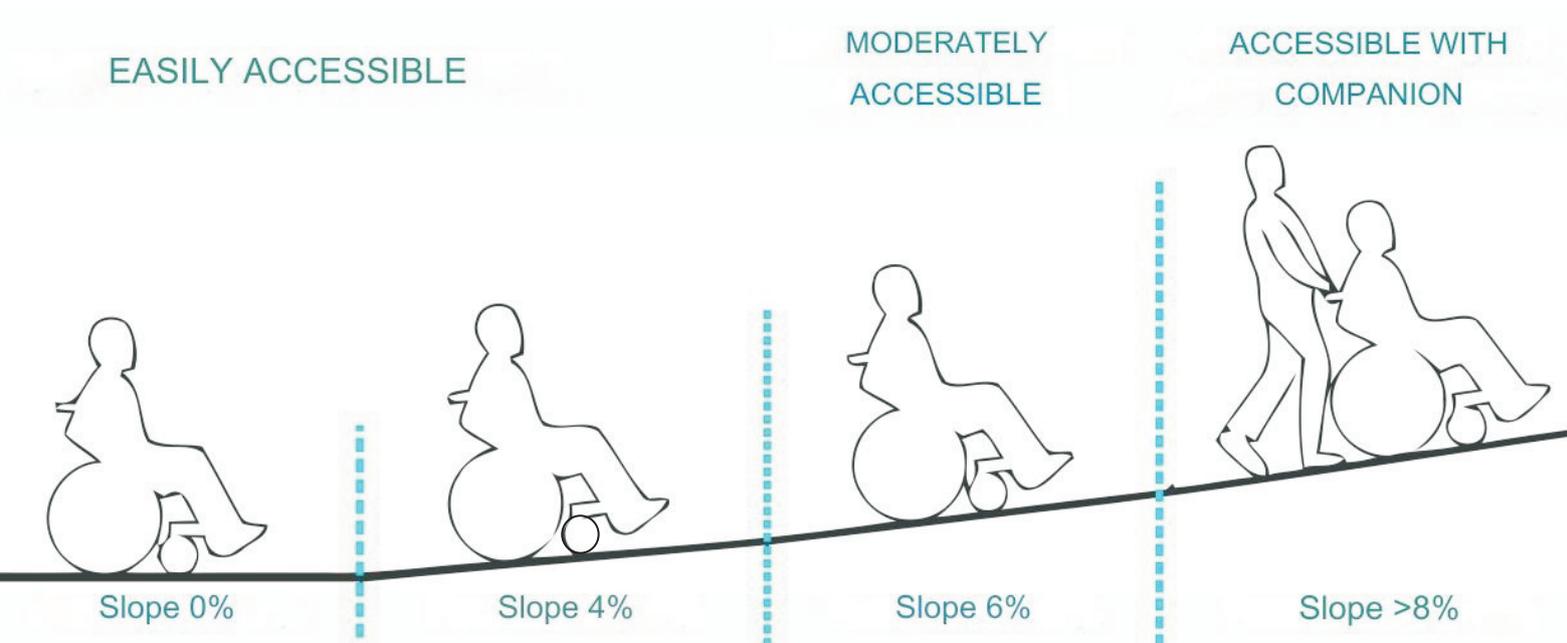
CAUTION:

When assembling the ramp, it is recommended to check that the parts highlighted in orange do not come into contact with the vehicle bumper. This is essential to determine the maximum angle of inclination of the ramp. Several factors can influence this measurement, including the position of the ramp base in relation to the proximity of the vehicle doors and the shape of the bumper itself.

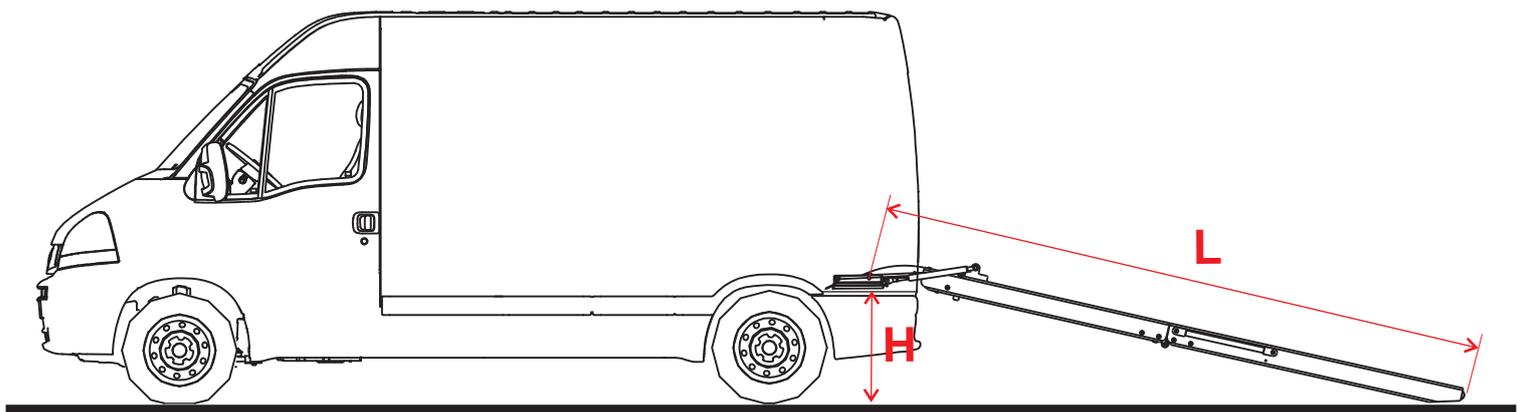


Ground support wheel

A diagram is shown in the following figure:
 For slopes of less than 6%, the disabled person can walk up the ramp independently.
 However, for slopes of more than 8%, they must be assisted.



The following figure shows the point of origin of the measurements that were used to calculate the slope
 H (from the ground surface to the floor)
 L (from the axis of rotation to the end of the ramp)

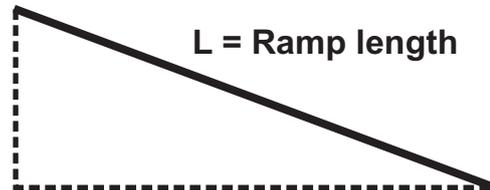


On the next page, different types of slopes are shown, accompanied by all the lengths of our ramps.
 In addition, thanks to the formula in the table, you can calculate the measurements yourself, in case the desired height or length is not included in the list provided.

SLOPE CALCULATION

Formula for calculating
the Slope in percentage
=
(H x 100) / L

H
=
Height to
overcome



LENGTH (in cm)	HEIGHT (in cm)									
	30	35	40	45	50	55	60	65	70	75
140	21,4%	25,0%	28,6%							
160	18,8%	21,9%	25,0%	28,1%						
180	16,7%	19,4%	22,2%	25,0%	27,8%					
200	15,0%	17,5%	20,0%	22,5%	25,0%	27,5%				
220	13,6%	15,9%	18,2%	20,5%	22,7%	25,0%	27,3%			
240	12,5%	14,6%	16,7%	18,8%	20,8%	22,9%	25,0%	27,1%		
260	11,5%	13,5%	15,4%	17,3%	19,2%	21,2%	23,1%	25,0%	26,9%	
280	10,7%	12,5%	14,3%	16,1%	17,9%	19,6%	21,4%	23,2%	25,0%	26,8%
300	10,0%	11,7%	13,3%	15,0%	16,7%	18,3%	20,0%	21,7%	23,3%	25,0%
320	9,4%	10,9%	12,5%	14,1%	15,6%	17,2%	18,8%	20,3%	21,9%	23,4%
340	8,8%	10,3%	11,8%	13,2%	14,7%	16,2%	17,6%	19,1%	20,6%	22,1%
360	8,3%	9,7%	11,1%	12,5%	13,9%	15,3%	16,7%	18,1%	19,4%	20,8%
380	7,9%	9,2%	10,5%	11,8%	13,2%	14,5%	15,8%	17,1%	18,4%	19,7%
400	7,5%	8,8%	10,0%	11,3%	12,5%	13,8%	15,0%	16,3%	17,5%	18,8%

FADIEL ITALIANA

