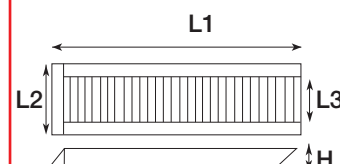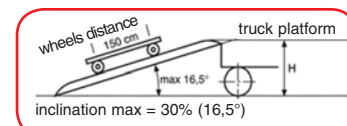# HEAVY DUTY RAMPS

aluminium

Optional:
for trucks

They are made of high resistance aluminium alloy and can load up to 9500 Kg. Suitable for aerial platforms, fork-lifts and other machinery to be loaded on trucks. They are equipped with special hooks that lock the ramps to the trucks.

They are not suitable for tracks (ask for the optional models for tracks). The loading capacity is calculated by considering the vehicle minimum wheelbase as 1400 mm (1000 mm for models AL, BL, CL, DL, EL 1000 mm).

Models	L1 cm	Capacity (pair) kg	H cm	L3 cm	L2 cm	Weight (each) kg
ALsb***	180	1.600	7,5		35	13,0
BLsb***	220	1.600	7,5		35	15,0
CLsb***	260	1.000	7,5		35	17,0
DLsb***	300	800	7,5		35	20,0
ELsb***	360	600	7,5		35	23,0
O*	260	2.200	10,5	30	37	21,0
C*	300	1.800	10,5	30	37	24,0
B*	360	1.700	10,5	30	37	28,2
C2*	360	2.200	10,5 R**	30	37	30,0
A*	400	1.400	10,5	30	37	31,2
B2*	400	1.600	10,5 R**	30	37	33,0
P*	460	1.200	10,5	30	37	39,0
Q*	250	4.000	13,5	32	41	25,0
G*	300	4.000	13,5	32	41	31,0
E*	350	3.300	13,5	32	41	36,5
D*	400	2.800	13,5	32	41	40,4
R*	450	2.400	13,5	32	41	43,0
L*	300	5.400	15,0	40	50	47,0
H*	360	4.960	15,0	40	50	48,5
F*	400	4.000	15,0	40	50	53,4
S*	450	3.000	15,0	40	50	58,5
T*	300	9.320	20,0	40	52	50,0
N*	360	8.500	20,0	40	52	58,0
M*	400	7.060	20,0	40	52	66,0
U*	460	6.000	20,0	40	52	74,0

* = available also with no edge   R = reinforced   sb = with no edge

Models	L1 cm	Capacity (pair) kg	H cm	L3 cm	L2 cm	Weight (each) kg
TL*	300	8.500	20,0	50	62	53,0
NL*	360	8.000	20,0	50	62	63,0
ML*	400	7.000	20,0	50	62	72,0
IL*	460	6.000	20,0	50	62	79,0

Formula to calculate the suitable ramp length for aerial platforms or other machines

inclination max = 30% (16,5°)

$$\text{Ramp lenght} = \frac{H \times 100}{\text{slope } 30\%}$$

Description:
H Loading platform: exact distance from the ground to the used vehicle
P=safety inclination: max inclination allowed to avoid overturning (30%)
L=ramp lengh

Very important
Ramps without internal edge are needed for aerial platforms.

The ramps in the list in red color can be prepared on request (5 days production time)

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