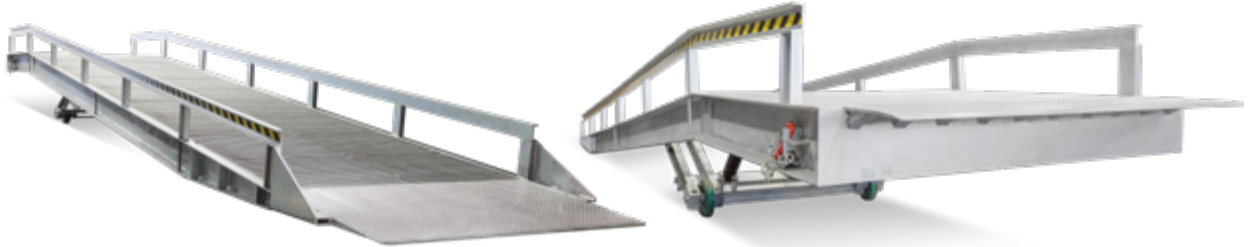




ALAPONT
GLOBAL

Loading docks

YARD RAMP



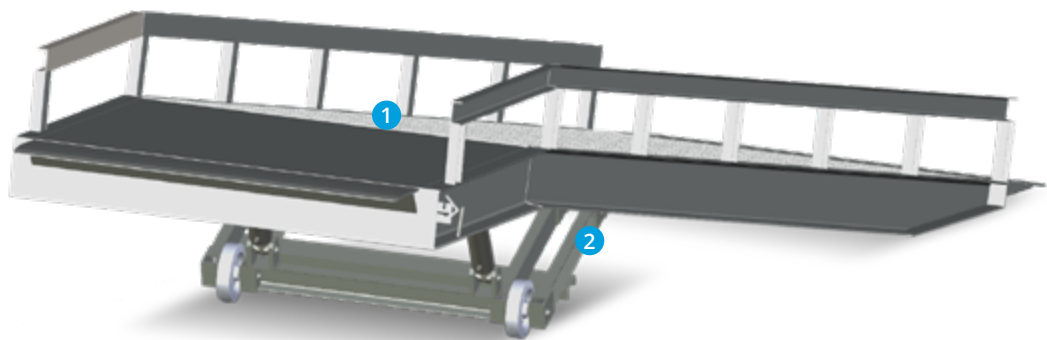
The Alapont Global 12m portable ramp is the most effective solution when a loading dock is unavailable for loading and unloading operations.

They are designed to comply with UNE-EN 1398 standards. They are always balanced because the drive train is located at their center of gravity.

- The height is hydraulically adjusted using 2 cylinders, which can be moved manually or with a hydraulic power unit.

OPTIONS	
Manual	Operated by a manual pump
Electro-hydraulic	Operated by an electrical control panel connected to a 220/380V electrical network. Three-phase with a 1.5 HP, 380V, 50Hz electric motor.

COMPONENTS



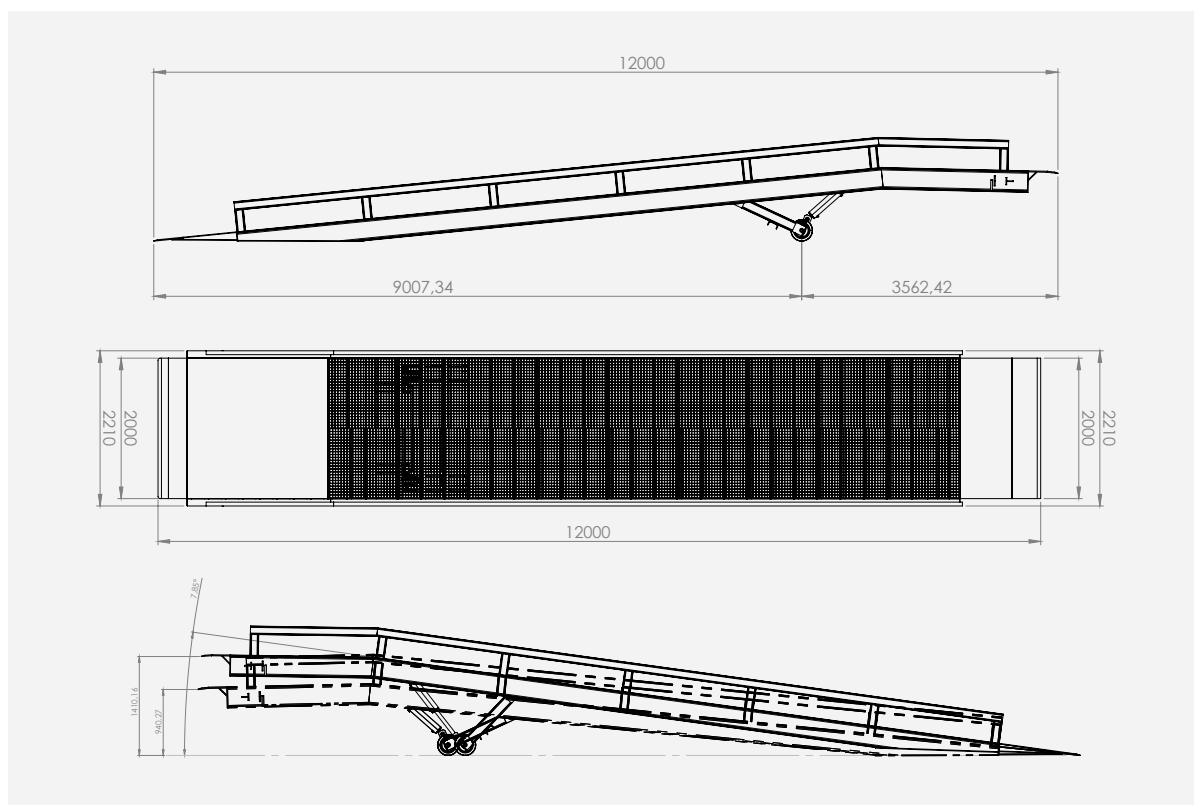
1. PLATFORM

A structure built with hot-rolled profiles. The ends of the leveller are made out of 5/7 mm non-slip teardrop plate. The rest of the rolling surface is composed of electro-welded grating modules with an anticorrosive galvanic bathing. On the sides of the structure there are associated guardrails with stickers labelled with eye-catching colours on the outside.

2. MOVEMENT TRAIN

Manufactured from hot-rolled profiles. It is equipped with a movement assembly with two cast iron wheels covered with vulcanised polyurethane. Associated with this is another raising assembly consisting of a hydraulic unit. The entire movement train is located at the levellers' centre of gravity, ensuring that it is always balanced.

DIMENSIONS



OPTIONS



Option to manufacture the ramp with a foot-operated height locking system.

SAFETY SYSTEMS

- Chains for attaching the leveller to the truck.
- A fall-arrest valve on each hydraulic cylinder.
- Emergency stop button.
- Non-slip pathway.

HYDRAULIC UNIT



- A hydraulic pump with a flow rate of 5 litres/minute
- A 7 litre reservoir with fluid level peephole.
- Block where all the elements are incorporated, including the 24v solenoid valve with switching.
- Two cylinders with 35 mm diameter rods for raising the platform, with fall-arrest safety valve.
- Hoses

REGULATIONS AND CERTIFICATION

UNE-EN1398:2010



**HYDRAULIC UNIT
POWER**

1,5 CV / 1,1 KW – 220/380V. 50HZ

**OPERATING
PRESSURE**

70-100 bar

FLOW RATE

5 L/min to 1500 r.p.m.

SPECIFICATIONS	12M-6T
Overall length	12.000 mm
Upper lip (into truck) length	280 mm
Lower support lip length	330 mm
Overall width	2.250 mm
Interior track width	2.000 mm
Truck insertion width	2.100 mm
Maximum height	1.500 mm
Minimum height	900 mm
Maximum working slope	11.5% (6.5° approx.)
Load capacity	6.000 Kg / 12.000 Kg
Structure	ST-42
Maximum travel speed	10km/h
Raise time	63 s.
Lower time	50 s.
Number of wheels	2 x 300 mm wheels
Hydraulic cylinders	2 cylinders with central stub axles. Single-acting with parachute valve.
	Stem diameter
	Stroke: 450 mm of 300
Hydraulic unit	Maximum permissible pressure: 100 bar
	Working pressure: 70 bar
	Flow Rate: 5 l/min a 1500 r.p.m.
	Pump: Gear pump
	Oil Tank Capacity: 7 liters
Electric Motor	Power: 1,5 CV / 1,1 Kw – 220/380v. 50Hz
	Protection Rating: IP 65
Unit Weight	3.500 Kg