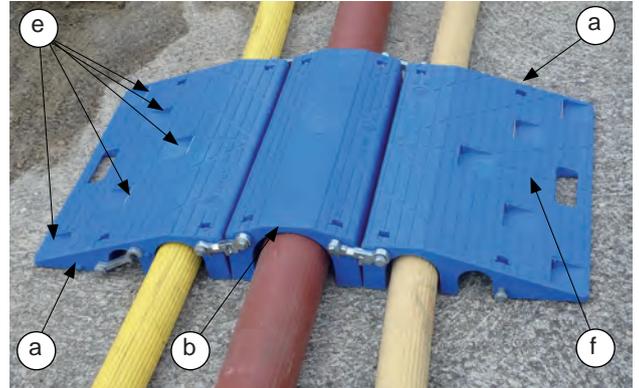


**DESCRIPTION**

Equipment made to protect the hoses from the crossing of all types of vehicles.  
 Each hose protector device is composed of two similar ramps (rep. a) (width 550 mm for a 9,2 kg unit weight) to enable the crossing of two Ø70 hoses and two Ø45 hoses.  
 If needed, it's easy and quick to add more bridges Ø110 (rep. b) width 550 mm for a 14,1 kg unit weight) between the ramps (rep.a).

The crossing of vehicles is easy thanks to:

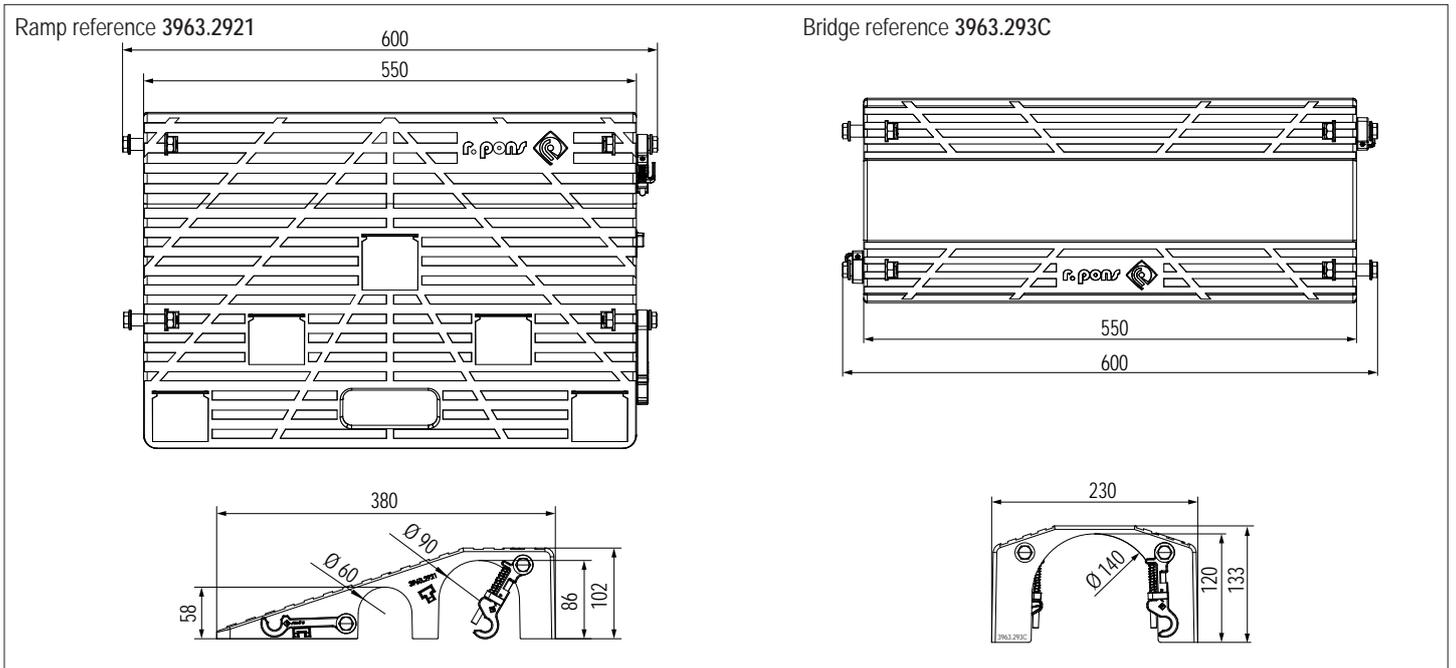
- the gentle slope of the ramp,
  - the low height : 102 mm for the Ø70 ramps,  
 133 mm for the Ø110 ramps,
  - high visibility : strong contrast between the blue color and the color of the hoses.
- Moreover, on each ramp, five reflective plates (rep.e) make an arrow shape  
 - the anti-slip surface (rep.f) has grooves for a better water evacuation.



**CONSTRUCTION**

Technical plastic material with metallic reinforcement, specially designed for a great resistance and durability.

Alloy of treated zinc and stainless steel for axes, tie-rods and plans of hanging.  
 Reflexite for the reflective plates.



**CHARACTERISTICS**

Article reference	Designation	Components		Crossing ability			Weight (kg)
		Ramp * 3963.2921	Bridge * 3963.293C	Ø 45	Ø 70	Ø 110	
3963.2922	Ramp ND70	2	0	2	2	0	18,4
3963.2924	Crossing device ND70	4	0	2	2	0	36,8
3963.2931	Ramp ND110	2	1	2	2	1	32,5
3963.2932	Crossing device ND110	4	2	2	2	1	65
3963.K	Tie-rod kit						

\* These elements can be supplied seperately.

The drawings and diagrams in the present document are for illustration only and do not constitute an offer. We reserve the right to make any modification without former information.

**CAUTION**

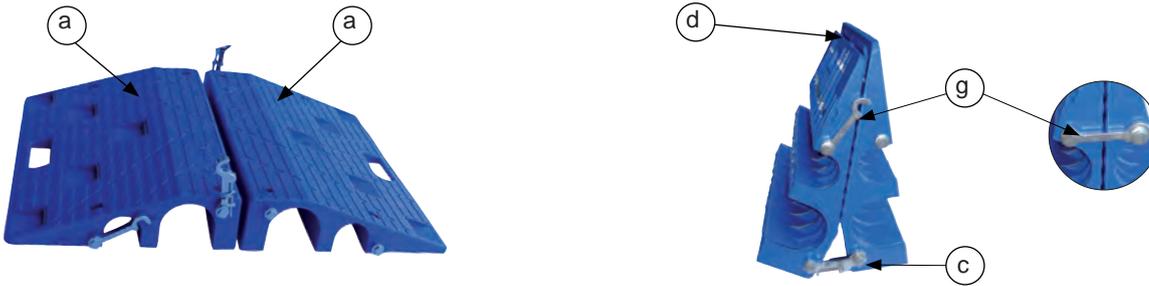
The ramp with reference 3963.2921 and the bridge 3963.293C cannot be use alone.

**OPERATION**

The ramps have to be installed over the hoses, so they can be easily moved to adapt their position to the different width of the vehicles.

**INSTALLATION**

The ramps (rep. a) can stay connected as a whole part thanks to the tie-rods device (rep. g), be folded up and easily carried thanks to the handle (rep. d). The tie-rods (rep. c) with locking device make the connection easy.



You can carry it as a luggage. Their light weight make it possible to be installed by one person only.

Open the «suitcase» and put the ramps over the DN65 hoses.

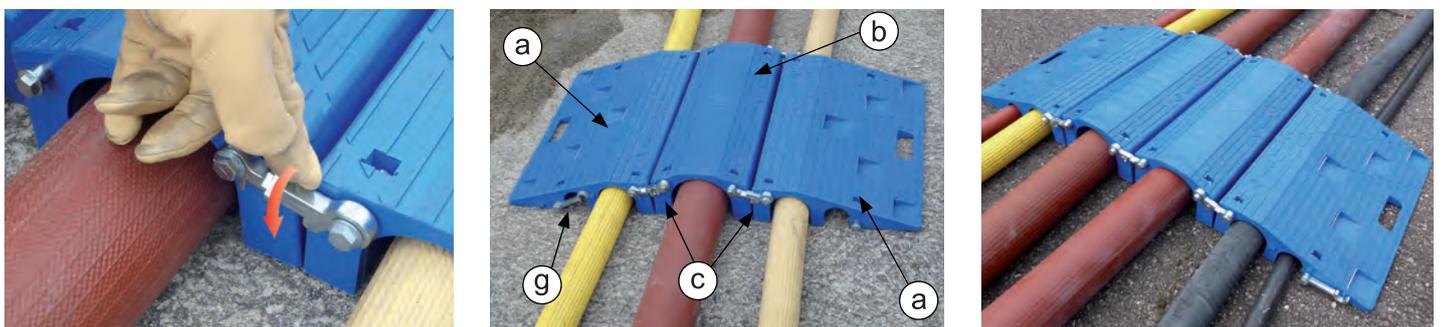


To increase the crossing capacity, just :

- unlock the two tie-rods (rep. c) that connect the ramps together (rep. a), open them and insert the 110 bridge (rep. b),

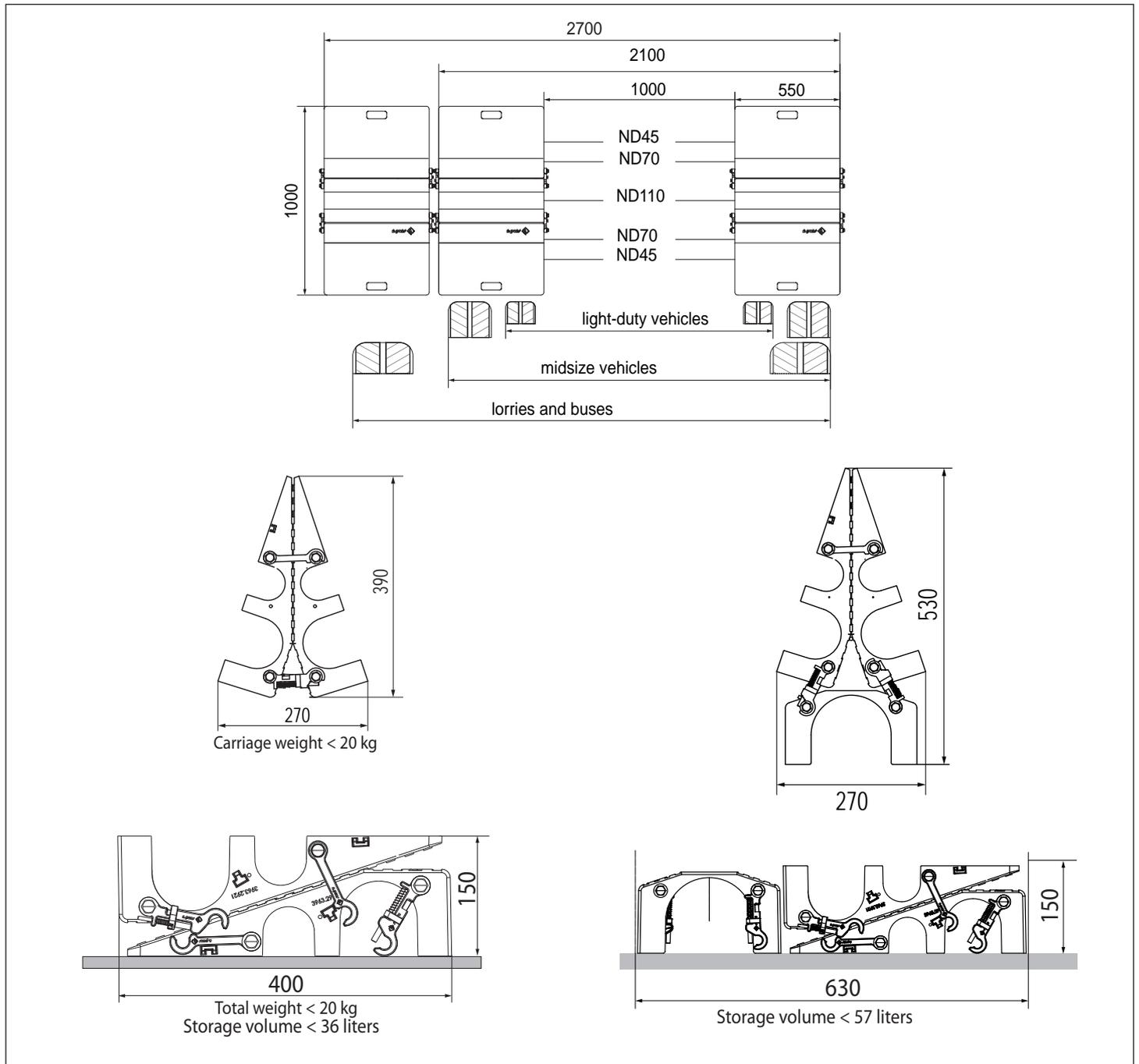


- put the tie-rods (rep. c) back in the anchorage position and lock them. Several Ø110 bridges (rep. b) can be easily added.



## HOSE BRIDGES

The parts can be stacked for easy storage and reduced volume (600mm width).



### RESISTANCE

The complete hose-bridge devices are designed to resist to moderate shocks and crushings created by the crossing of vehicles (cars & trucks) equipped with tyres (maximum weight per axle : 8 tons).

The vehicles must have enough ground clearance not to rub the top of the hose bridge device.

The hose bridge devices cannot be used as blocking or any other use than the one it has been designed for.

### THE PONS

- New modular concept.
- Robustness (shapes and material).
- Weight and reduced storage place.
- Easy operation (intuitive assembling and disassembling).
- Reduced maintenance.
- The tie-rod kit is composed of all the necessary parts to replace the locking device of one element.