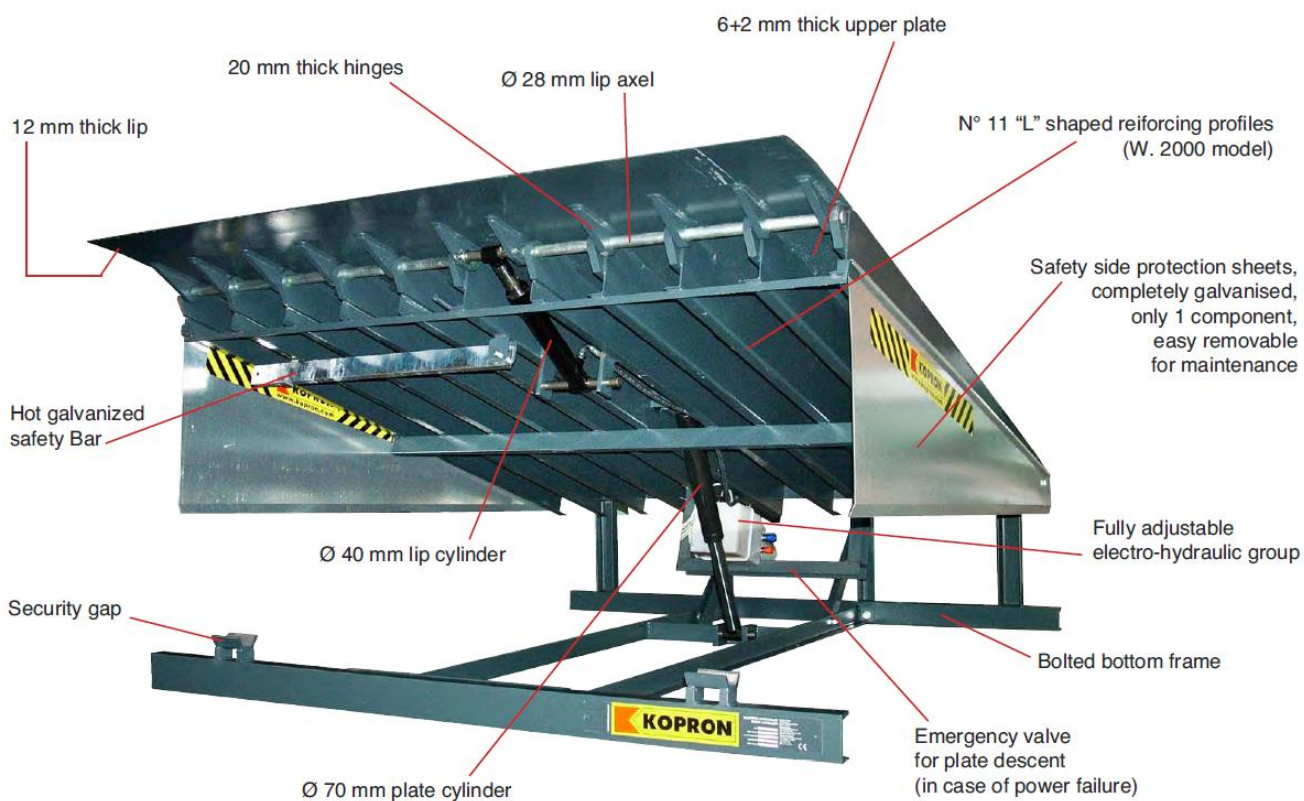


SPECIFICATION

ELECTRO HYDRAULIC DOCK LEVELLER



A	<u>Electro Hydraulic Dock Leveller</u>
	Electro-hydraulic dock-leveller model : KRL-I+KRA-I
	Technical Data (For the mechanical model, please ignore the electrical and hydraulic part of the following spec.)
	KRLI dock-levellers are composed by a steel frame, made with welded profiles, and the upper plate and the lip by an anti-skid steel sheet.
	Reinforcing welded profiles under plate with section mm. 150 x 40 x 4.
	Thickness of upper plate mm. 6 + mm. 2 of anti-skid ribs.
	Thickness of swinging flap: mm. 12 with connecting hinges 20 mm. thick.
	Diameter of galvanized hinge axis is 28 mm.
	Mechanical Dock movement by spring force. Hydraulic movement of lifting and opening of the lip is by means of single effect chromed pistons, whose electric command is under the dock-leveller.
	It is possible to stop and secure maintenance operations by blocking the dock leveller using a special galvanized rod.
	Security block: in case of accidental moving of the truck, the dock leveller will be blocked with a short stroke (according to the applied weight).
	Every dock-leveller is equipped with lateral security galvanized plates for feet protection.
	Once the edge is positioned on the loading part of the truck, this edge follows movements of it during loading operations, with a lateral torsion tolerance of 100 mm.
	Every dock-leveller is painted in dark grey RAL 7016.
	Electric commands in accordance to CEI IP 54 rules.
	Power supply: 380 V 3 phases.
	Control panel with up/down/stop, security stop, main power switch buttons; "dead man" operating system; low tension 24 V d.c. commands.
	Electrical engine power 1 Kw - IP 54.
	Positive excursion: max 12,5% Negative excursion: max 12,5%
	Concentrated load on fork-lift allowed: kg. 6.000.max.
	Uniformly distributed load: kg. 10.000. max. 15000Kg (Static Test Load) ANSI MH 30.1 6000Kg (Dynamic Load) EN1398
	All our dock levellers are manufactured according to CE rules, and fully satisfy EN 1396 Standards.
	All dock come with 1 pair of rubber bumper.