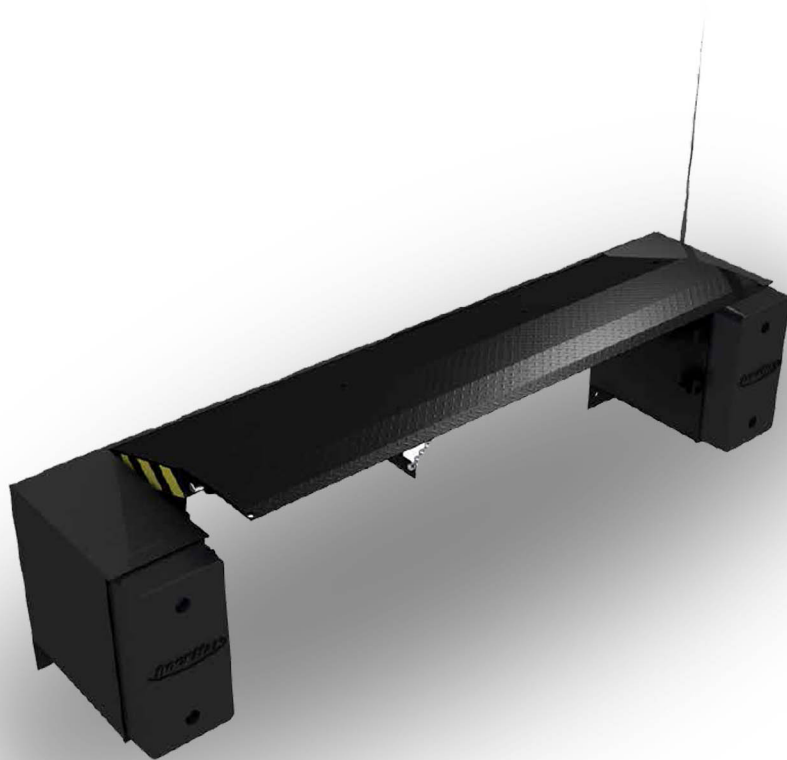


MINI DOCKS



www.peteksa.com

MECHANICAL DOCK LEVELER

MINIDOK OF MDLM SERIES



MDLM mechanical series dock leveler Minidock is an efficient and economical device designed for using with trucks which have approximately the same height above the ramp level. It does not require a power supply and can be used when it is impossible to install an electro hydraulic dock leveler. Minidock can be operated manually by one person with a special lever. When the upper deck is raised the lip turns and opens automatically. Then the deck lowers until it rests on the truck bed. After loading/unloading is completed, the lip lowers; the deck rises and returns to its rest position. Dock leveler can be installed either on the ramp or in the pit.

Main advantages:

- self-cleaning hinges between deck and lip;
- yellow-black signal strip shows that the platform is located above the fixed ramp level;
- lip length of 300 mm.

DIMENSIONS/ FEATURES

Length, mm	684
Width, mm	1600/1800/2000
Working range	
Above the dock, mm	245
Below the dock, mm	190
Thickness of upper sheet, mm*	6/(0.6-1.8)*
Colour**	Black (RAL 9005)

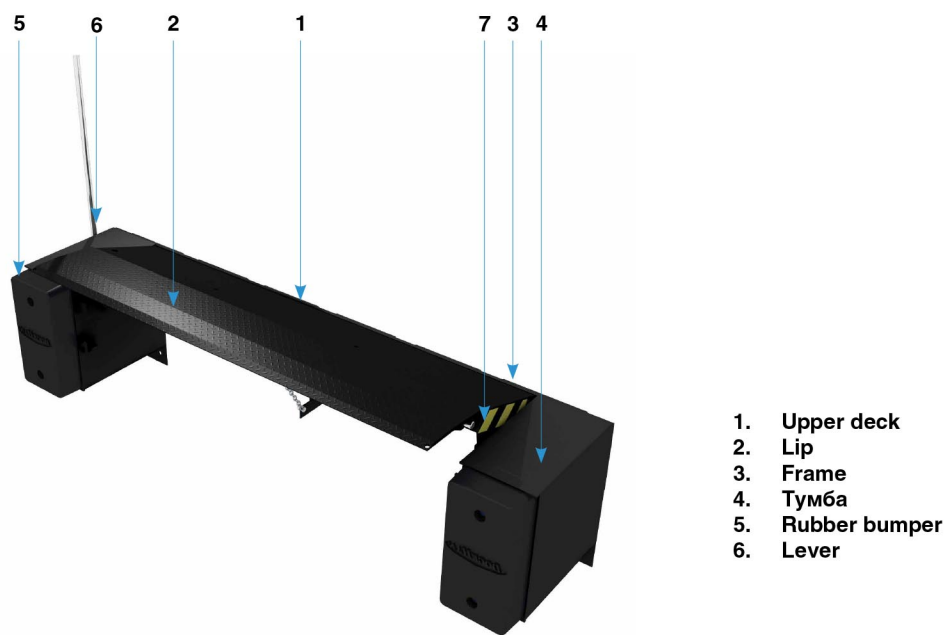
* Riffing height is indicated in brackets.

** Powder coating with preliminary shot blasting.

PERFORMANCE

Load capacity	6000 kg (60 kN)
Maximal point load (upper sheet 6 mm)	1.3 N/mm ²
Class of surface cleaning before painting	Sa 2
Thickness of painted layer	60-90 mikron
Operation temperature range	From -30 to +50 °C

CONSTRUCTION



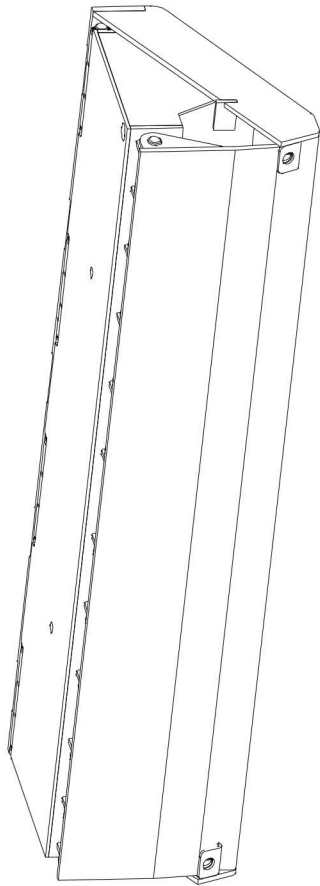
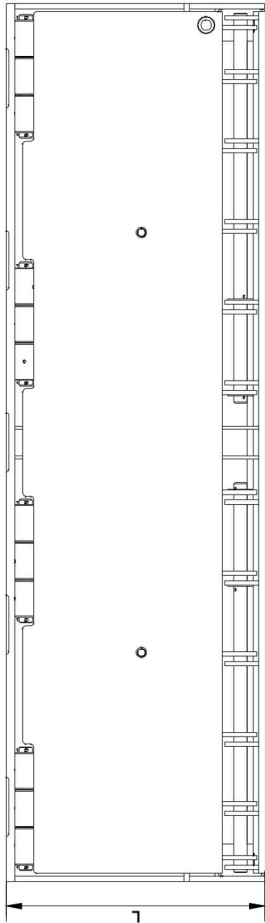
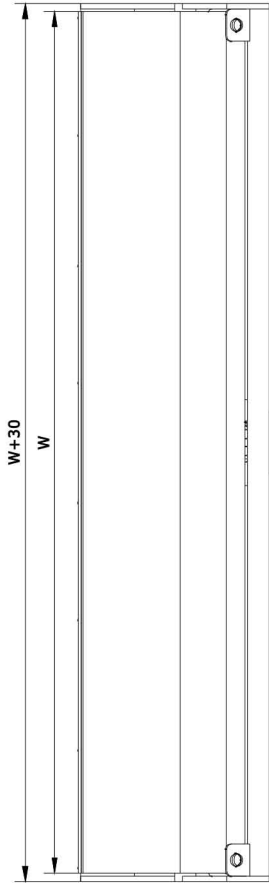
- 1. Upper deck
- 2. Lip
- 3. Frame
- 4. Тумба
- 5. Rubber bumper
- 6. Lever

Dock leveler upper deck is made of 6 mm thick steel sheet with 0.5—1.5 mm high riffling and designed to work with a standard 4-wheel forklift with inflatable tyres. Small deformation of the dock leveler surface is admissible, as it does not effect operation of the product. The lip is made of 12 mm thick steel sheet with 1.2—3.6 mm high riffling.

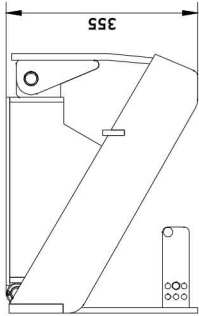
CONFIGURATION AND DESIGN

PACKAGE		
	Standard	Options
Lip	Length — 300 mm, bevel — 35 mm	-
Mounting type	On the ramp/In the pit	Other upon request
Colour	Black (RAL 9005)	Other upon request
Working range	From 190 to 245 mm	Other upon request

MECHANICAL DOCK LEVELLER
"MINIDOCK" OF EMBEDDED TYPE



This drawing of mechanical dock leveller "Minidock" of embedded type with width 1600 mm, length 500 mm, height 355 mm(article MDLM516-(06)E).



Dock leveller dimensions

Article of dock leveller	Dock leveller size (length x width), mm x mm	L , mm	W , mm	H , mm
MDLM516-(06)E	500x1600	480	1600	355
MDLM518-(06)E	500x1800	480	1800	355
MDLM520-(06)E	500x2000	480	2000	355
MDLM522-(06)E	500x2200	480	2200	355

MDLME Model dock leveller									
Mechanical dock leveller "Minidock" of embedded type					Масса		Максимум		
					Лист		Лист	Листов	1,1
Изм. Лист	№ докум.	Подп.	Дата						
Разраб.									
Проб.									
Т. констр.									1
Н. констр.									
Умб.									Дорожн-перегрузочные системы

Dock leveller dimensions

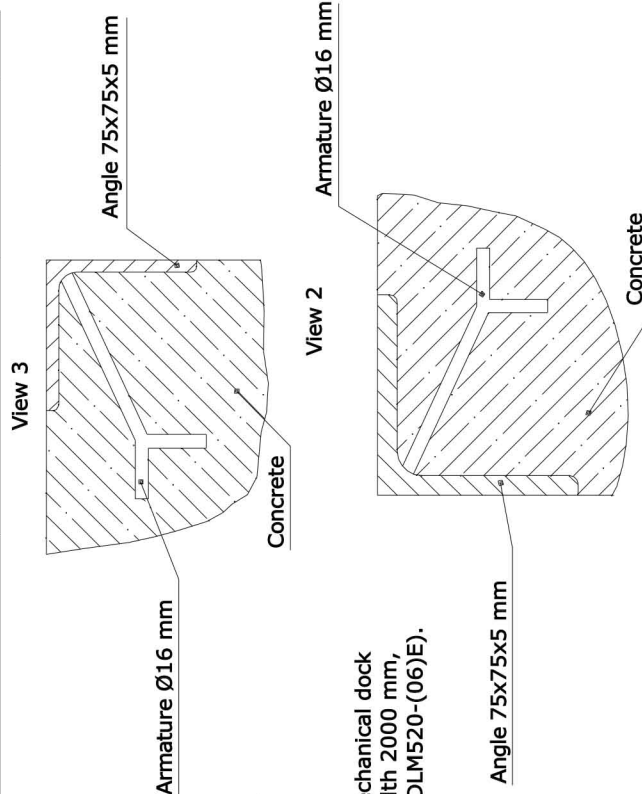
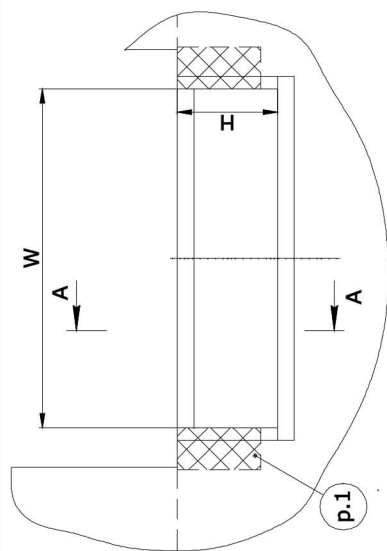
Article of dock leveller	Dock leveller size (length x width), mm x mm	L, mm	W, mm	H, mm
MDLM516-(06)S	500x1600	500	1600	606
MDLM518-(06)S	500x1800	500	1800	606
MDLM520-(06)S	500x2000	500	2000	606
MDLM522-(06)S	500x2200	500	2200	606

MDLMS Model dock leveller									

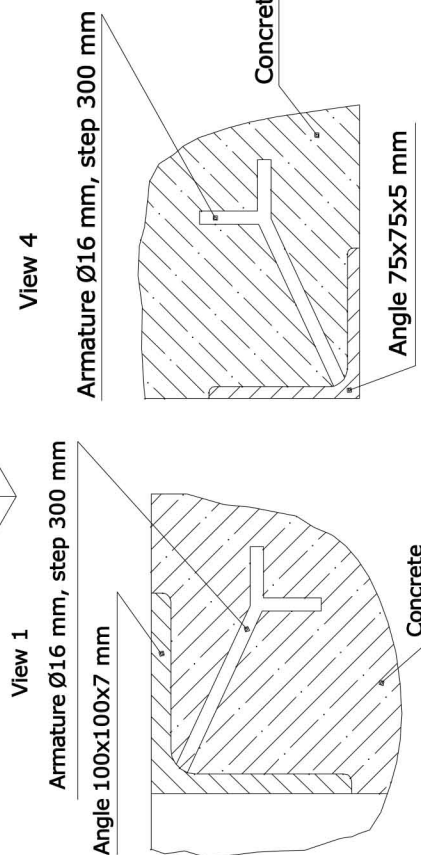
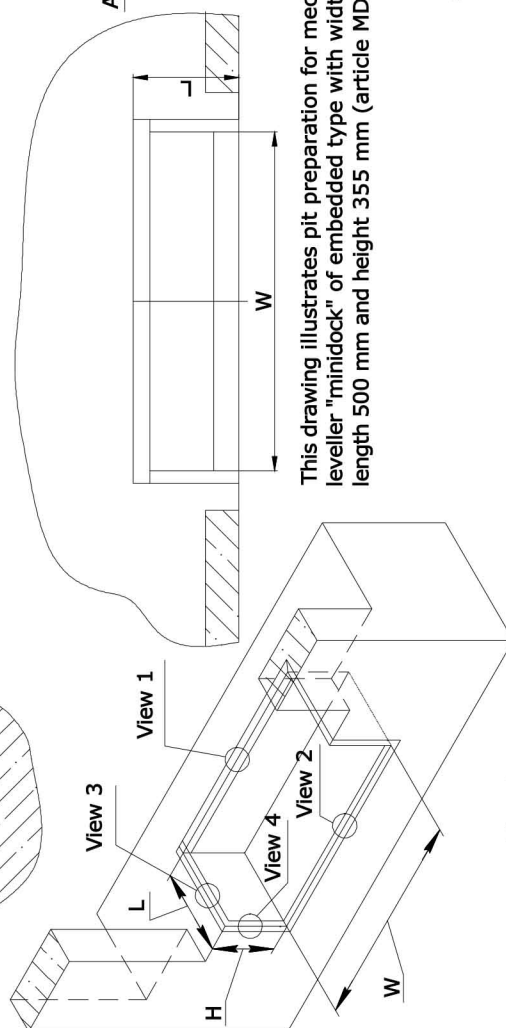
[illegible]

RAMP PREPARATION FOR MECHANICAL DOCK LEVELLER "MINIDOCK" OF EMBEDDED TYPE

Article of dock leveller	Dock leveller size (length x width), mm x mm	L , mm	W , mm	H , mm
MDLM516-(06)E	500x1600	480	1630	355
MDLM518-(06)E	500x1800	480	1830	355
MDLM520-(06)E	500x2000	480	2030	355
MDLM522-(06)E	500x2200	480	2230	355



This drawing illustrates pit preparation for mechanical dock leveller "minidock" of embedded type with width 2000 mm, length 500 mm and height 355 mm (article MDLM520-(06)E).

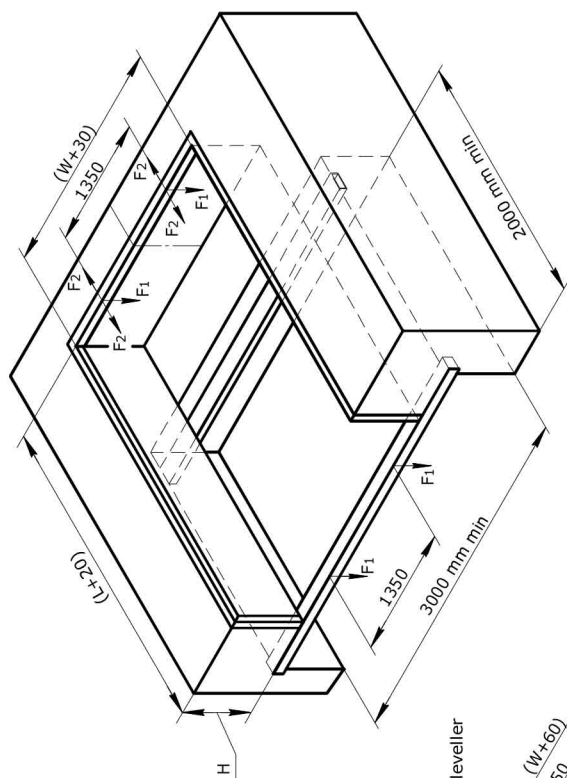


1.1. Area for installation of rubber bumpers shall be available.
(See Section "Optional Equipment")

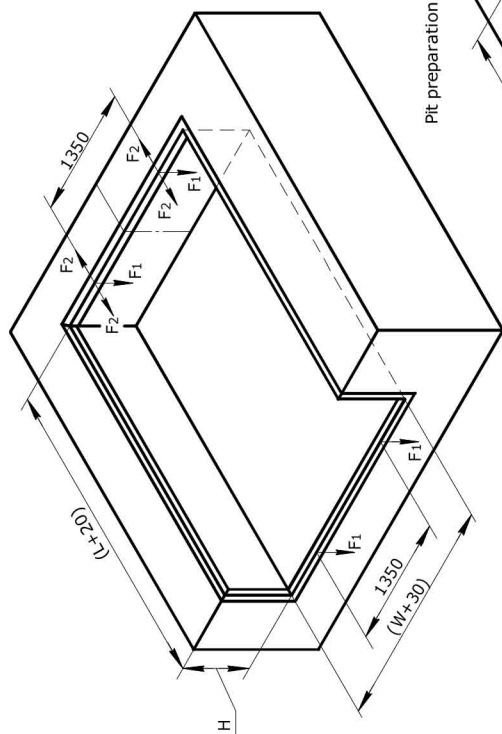
[illegible]

DISTRIBUTION OF LOADING ON DOCK LEVELLER PITS

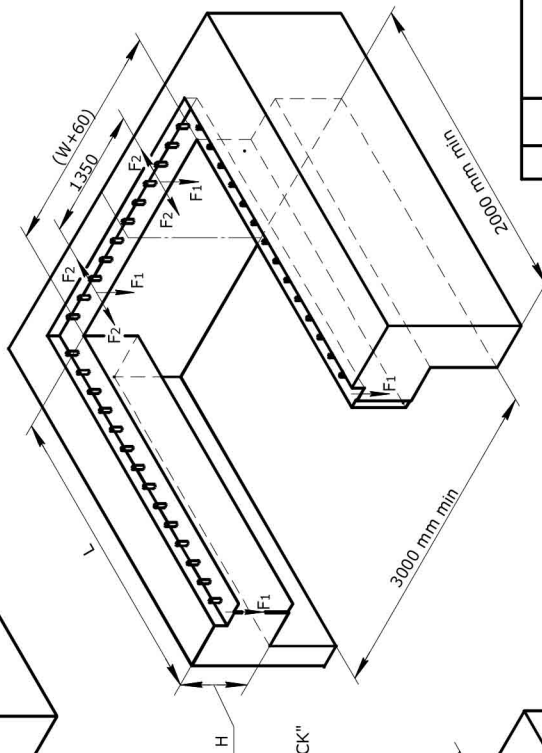
Pit preparation for dock leveller with hinged lip of embedded type
for using with trucks with tail lift



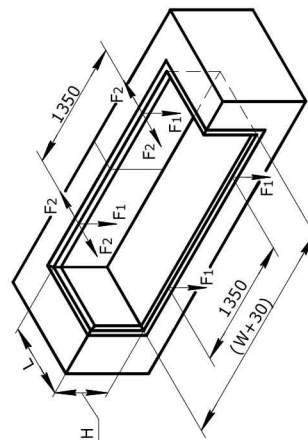
Pit preparation for dock leveller with hinged lip of embedded type
for using with trucks without tail lift



Pit preparation for suspended type dock leveller



Pit preparation for dock leveller "MINIDOCK"



Acting force (kN) Speed max. 10km/h	F ₁	F ₂
Dock leveller 6tn	18	15
Dock leveller 10tn	28	25

[illegible]

H – dock leveller height ,mm;
W – dock leveller width ,mm;
L – dock leveller length ,mm.

DoorHan-Docking systems