

MECHANICAL TRACK



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MECHANICAL FOLDING TRACK OF FT SERIES



FT mechanical folding tracks are installed on open ramps to compensate height difference up to 360 mm, depending on a model. They are designed for work with trucks or trailers, which have approximately the same height. When loading/unloading the track can be lowered in the truck body using the side handle until the lip rests on the truck bed. After loading/unloading is completed, the track rises and returns to its original position. Mechanical folding tracks can have stationary or sliding design. Sliding folding track allows for loading/unloading operations to be performed in several places, moving along the guide rail from one place to another. Mechanical folding tracks of FT series comply with the rules and regulations of the European Standard EN 1398.

Main advantages:

- lock which blocks the track in vertical position;
- yellow-black signal strip shows that the platform is located above the fixed ramp level.

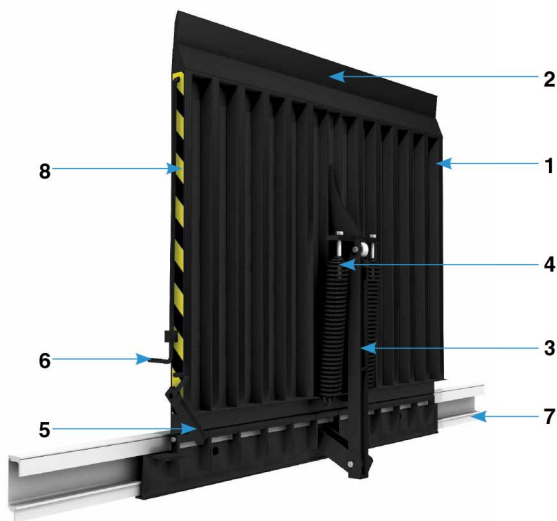
TECHNICAL SPECIFICATIONS AND DIMENSIONS

DIMENSIONS/FEATURES				
Length, mm	1000	1500		
Width, mm	1200	1500	1800	2000
Working range				
Below the dock, mm	160-250			
Thickness of track's upper sheet, mm	5			
Colour*	Black (RAL 9005)			
* Powder painting with preliminary shot blasting.				

Performance	
Load capacity	4000 kg (40 kN)
Maximal point load	1.3 N/mm2
Class of cleaning before painting	Sa 2
Thickness of coating layer	60-90 micron
Operation temperature range	From -30 to +50 °C

CONSTRUCTION

SLIDING FOLDING TRACK



- 1. Deck
- 2. Lip
- 3. Track spring balancing mechanism
- 4. Spring
- 5. Lock for blocking of track in vertical position
- 6. Handle for track operation
- 7. Guide rail (standard rail length is 3000 mm, supplied upon request)
- 8. Signal black-yellow stripping

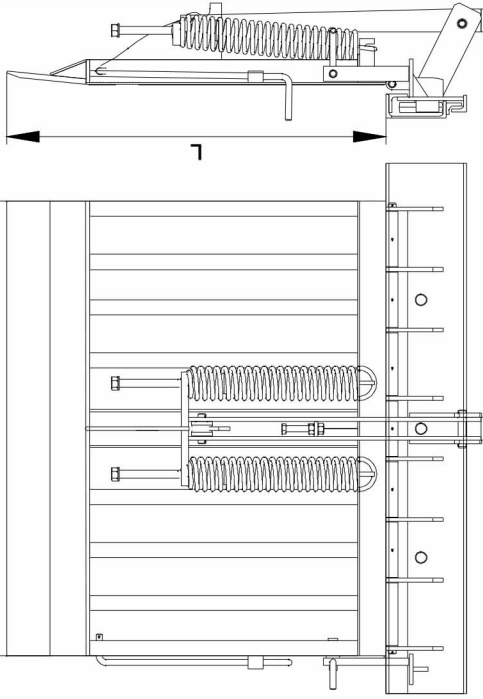
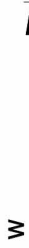
STATIONARY FOLDING TRACK



- 1. Deck
- 2. Lip
- 3. Track spring balancing mechanism
- 4. Spring
- 5. Lock for blocking of track in vertical position
- 6. Handle
- 7. Mounting plate
- 8. Signal black-yellow stripping

Upper deck of the folding track is made of 5 mm thick steel sheet with 0.5—1.5 mm high riffling and is designed for work with hydraulic hand-trucks and standard 4-wheel forklifts with inflatable tyres. Upon customer's request the track can be designed for work with equipment, which has high point load, such as electrical pilers. Small deformation of track upper sheet 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. The reinforcement profiles of the track are made of 60×40×3 mm tube. The track is equipped with lever balancing system, based on 2 springs and roller support. The guide rail is made of hot-rolled 160 mm channel.

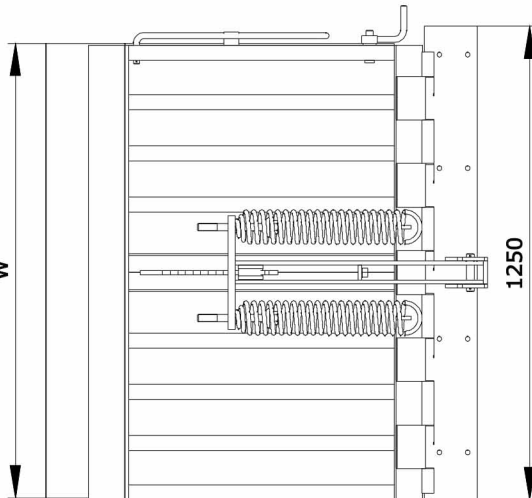
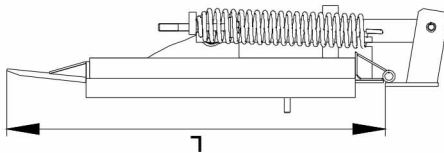
PACKAGE		
	Standard	Option
Mounting type	Stationary/sliding	Other upon request
Colour	Black (RAL 9005)	Other upon request
Lip	210 mm, bevel 35 mm	
Load capacity	4000 kg (40 kN)	Other upon request



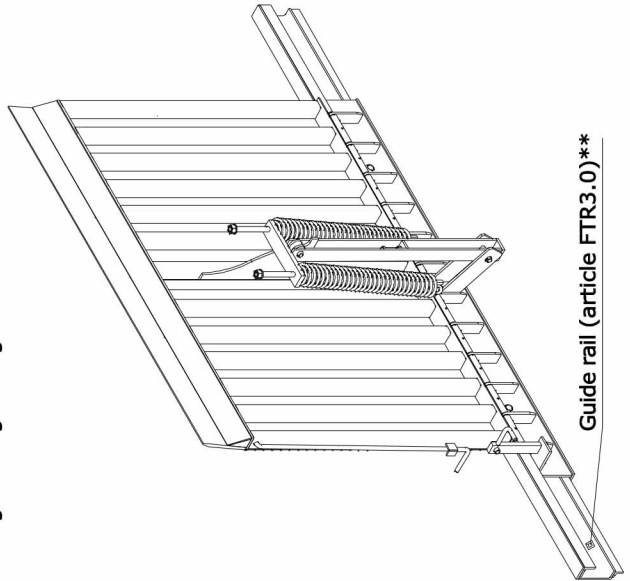
This drawing of sliding folding track 1000x1200 mm

Dimensions of folding tracks

Article	Dimension of track LxW,mm x mm
FT1012F/S*	1000x1200
FT1015F/S	1000x1500
FT1020F/S	1000x2000
FT1515F/S	1500x1500
FT1518F/S	1500x1800



This drawing of fixing folding track 1000x1200 mm



1. * : F – fixing folding track; ; S – sliding folding track
2. ** : Standard length of supplied rail L=3000 mm
3. For more detailed information, please contact DoorHan company.

[illegible]

Fixing folding track

1200*

1000*

1250*

H1 50/100 5**

Sliding folding track

1200*

1400*

3000**

B

B

A-A (Variant 1)

Armature Ø12-16mm step 300mm

H1 50/100 5

Channel 16

A-A (Variant 2)

Embedded element Angle 30x30x3mm

H1 50/100 5

Anchor M12x120mm

General view

Guide rail (article FTR3.0)**

1.* -Reference dimension
2.** -Standard length of supplied rail L=3000 mm

FT Model folding track

Ramp preparation for fixing and sliding folding track

Eur line

DoorHan-Docking systems

This drawing illustrates ramp preparation for sliding folding track 1000x1200 mm

This drawing illustrates ramp preparation for sliding folding track 1000x1200 mm