

SERIES 150



MEDIUM WEIGHT SLIDING SYSTEMS





Various different locations benefit from the size and functionality of the series components.

# Series for agricultural and industrial solutions

The 150 series is perfect for medium weight installations thanks to its maximum capacity of 200 kg. Principal uses are for sliding screens and grills, overhead runways, horse boxes, agricultural buildings, storage systems, the shipbuilding industry, for both interior and exterior medium weight projects.

Silent running nylon rimmed wheels for interior doors and high corrosion resistant steel wheels for exterior doors, all equipped with lubricated for life sealed bearings, makes them the perfect choice for any type of project.

As with all Helaform systems the Series 150 is designed for ease of installation and a long maintenance free life. All the components have been subjected to the unique Helaform plating process, which then provides a corrosion resistance three times greater than normal high quality galvanizing.

## Multiple tracks

The compact yet robust design of the Series 150 track facilitates the installation of multiple runs of track, allowing extremely wide openings to be covered using only minimum headroom. Choose double brackets to install two track lines side by side.

The series maximum capacity of 200 kg is for one door fixed with a pair of hangers. Adding multiple doors on the same track does not exceed the series maximum weight capacity limits, providing further possibilities to cover any width of openings on a single track.

” Medium weight solution for interior and exterior projects

## Application examples

- » Outdoor storages
- » Industrial buildings
- » Horse stalls and stables
- » Assembly lines
- » Boat sheds



Series 150  
Datasheet

## Specifications

<b>Weight</b> (max. capacity)	200 kg
<b>Door size</b> (max. in exterior use)	~12 m <sup>2</sup>
<b>Door material</b>	Wood/Metal
<b>Bracket interval</b> (max.)	1000 mm



Hangers with nylon or steel wheels.  
Lubricated for life ball bearings.  
Aluminum or steel body.



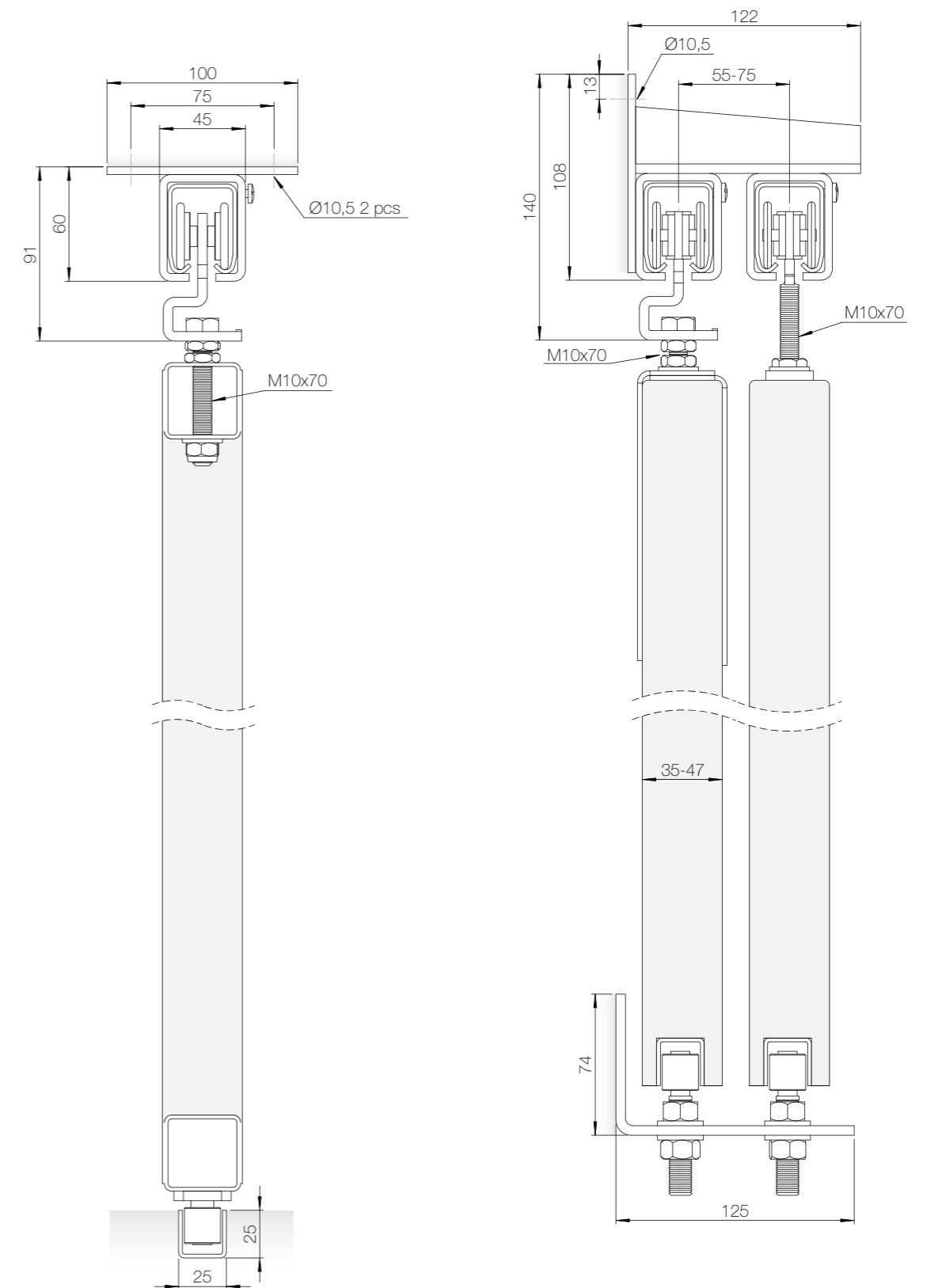
Hot-dipped galvanized track (20 µm).



Zinc plated (min. 8 µm) steel parts. Tested  
in salt water spray chamber (240 h).





## Installation examples



### Specifying the hardware

- » Hangers are installed 2 pcs / door
- » Track length is normally twice the width of the door opening
- » Number of brackets = length of track (m) + 1 pcs
- » It's necessary to install joints or joint brackets at all track joints
- » Bottom guides must be used with door installations
- » Exterior installations require separate wind hatches or equivalent to be used against extensive wind loads



# Products and codes





Galvanized steel track			Code
	K-150	2 m	40012
		3 m	40013
		4 m	40014
		5 m	40015
		6 m	40016
	K-150 90°	Curve 90° R=600 (not compatible with 40040 and 40048)	40033









Hangers for metal doors			
	MPS-150 (Capacity 200 kg/pair)	Steel wheels	40040
		Nylon wheels	40048
	MPS-150/AI (Capacity 200 kg/pair)	Steel wheels	40042
		Nylon wheels	40053
	MP-150/AI (Capacity 200 kg/pair)	Steel wheels	40044
		Nylon wheels	40054

Hangers for timber doors			
	PPS-150 (Capacity 200 kg/pair)	Steel wheels, with side fixing plates	40041
		Nylon wheels, with side fixing plates	40046
	PPS-150/AI (Capacity 200 kg/pair)	Steel wheels, with side fixing plates	40043
	PP-150/AI (Capacity 200 kg/pair)	Steel wheels, with side fixing plates	40045

Hangers for applications			
	VP/2-150 (Capacity 50 kg/pc)	Steel wheels, for curtain	40056
		Nylon wheels, for curtain	40061
	VP/4-150 (Capacity 100 kg/pc)	Steel wheels, for curtain	40057
		Nylon wheels, for curtain	40062
	KVLP-150 (Capacity depends on application)	Steel wheels	40058

Wall brackets			
	SK-151	Bracket	40070
	SKL-151	Joint bracket	40071
	SK-152	Double bracket	40074
	SKL-152	Double joint bracket	40075

Soffit brackets			Code
	KK-151	Bracket	40080
		Bracket, for welding	40082
	KKL-151	Joint bracket	40081
		Joint bracket, for welding	40083
	KKK-151	Bracket	40084
	KKKL-151	Joint bracket	40085
	KKK-152	Double bracket	40086
	KKKL-152	Double joint bracket	40087

Accessories			
	LKU-150/100 mm	Joint	40090
	PLS-100/150	Plates for timber door, side fixing	40100
	PLS-100/150/E	Plates for timber door, side fixing	40101
	PLP-100/150 M10 x 140	Plate for timber door, top fixing	40103
	KP-100/150	Track stop	40110
	Stop P	Wall stop	50111
	PK-150	End plate	40120
	S-50/5.5	S-hook	20400

- » Joint brackets include screws for tightening the bracket to the track. Joint brackets can also be used for track joints.
- » Bottom guide options are presented in a separate datasheet.
- » 3D models, DWG and PDF drawings of the specific items can be found on our web page.

# Reference

---



↖ Access doors for horse boxes and animal stalls work silently and smoothly when using our Series 150 systems.

## Company information

Helaform is a Finnish, family owned company manufacturing sliding and folding door systems with capacities up to 2000 kg. With over 30 years of experience Helaform is one of the world's leading suppliers of sliding and folding door systems.

Helaform's product range covers modern architectural and industrial applications as well as ecological enhancements, such as greenhouse plant watering systems.

