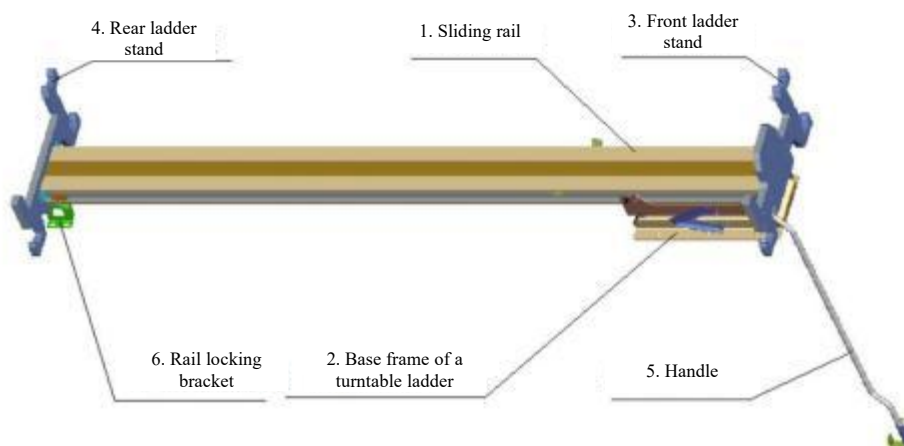


Technical Specifications for a 6 m & 9 m Manual Type Monorail Turntable Ladder

I. Product overview

One person standing at the tail end of a truck can remove and set up the 6 m manual type monorail turntable ladder easily. The ladder access system is characterized by small size (3050 mm×330 mm×260 mm), light weight (overall weight of 40 kg), simple structure (monorail), strong performance (6 m ladder stand, single-stage ladder stand and pompier ladder may be placed), and so on.

The entire structure is comprised the following: 1. Sliding rail, 2. Base frame of a turntable ladder, 3. Front ladder stand, 4. Rear ladder stand, 5. Handle and 6. Rail locking bracket



II. Technical parameters

1. Product model of a 6 m manual type monorail turntable ladder (backward turning type): **ZSLAS-6&9m**
2. The ladder stand package size is 3050 mm×330 mm×260 mm.
3. The angle of rotation of the ladder is above 60 degrees and it can be lowered more than 2 m from the top of the truck.
4. The ladder stand stretching stroke is 2.3 m.
5. The fixing hole on the ladder stand base frame is universal for 6 m & 15 m pneumatic ladder stands.
6. A 6 m & 9 m ladder, single-stage ladder and pompier ladder may be placed on the ladder stand with the corresponding fixtures.
7. The main body of the ladder stand is made of aluminum alloy and polypropylene sheet. The base frame is made of steel sheet through spraying plastics. The overall weight is 40 kg.
8. The load limit of the equipment is below 60 kg.

III. Specific implementation mode and the attached drawings:

State of retraction 1



State of retraction 2



State of retraction 3



2. State of motion 1 (initially stretching horizontally 2.3 m)



3. State of motion 2 (rolling to a 60° to 70°)



4. State of motion 3 (grab both sides of the ladder stand to turn it down when it is at 50° to 60°)



5. State of retraction 4

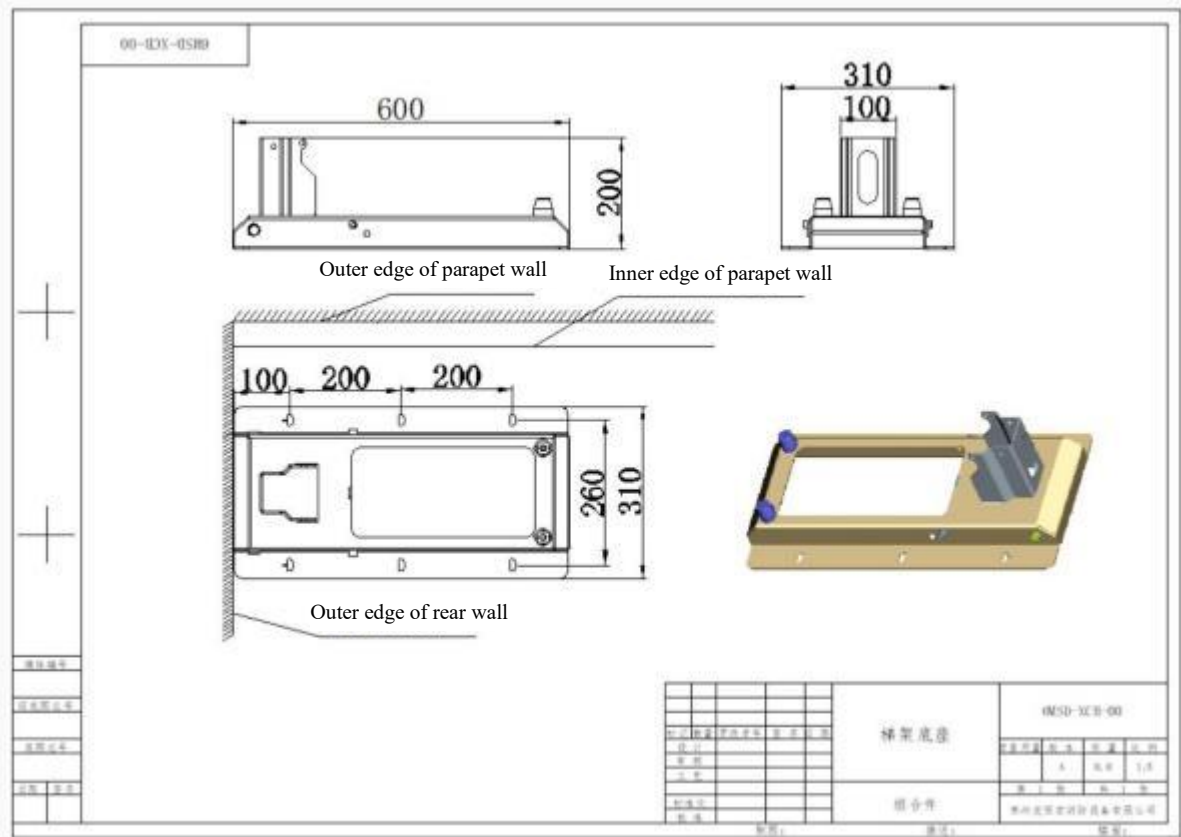


Packing list for a 6 m manual type ladder access system

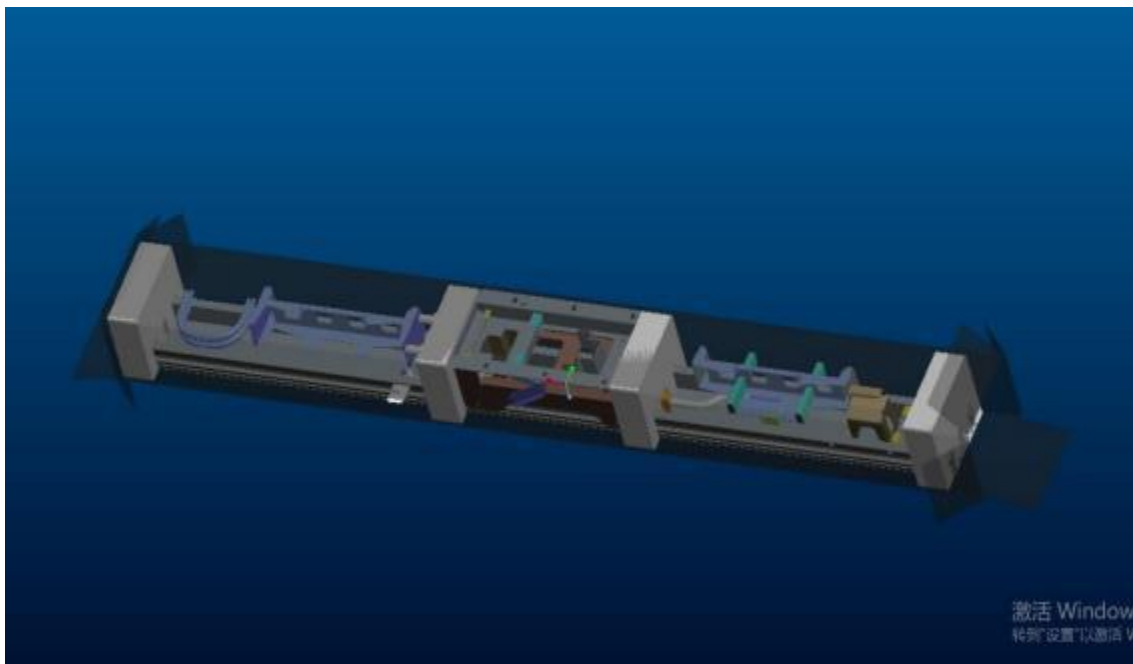
SN	Accessory name	Accessory image	Quantity	Set screws	Remarks
1	Sliding rail (containing base frame of a turntable ladder)		1	Six M10 × 65 screws	Packed in cartons
2	Front ladder stand		1	Two M6 × 40 hexagon socket head cap screws and two M6 × 20 hexagon socket head cap screws	
3	Rear ladder stand		1	Two M6 × 40 hexagon socket head cap screws and two M6 × 20 hexagon socket head cap screws	
4	Ladder restraint bracket		2	Four M6 × 20 hexagon socket head cap screws	
5	Rail locking bracket		1	Four M8 × 30 hexagon socket head cap screws	
6	Handle		1	One M16 × 20 shoulder screw	
7	Locking base		1	Two M6 × 20 hexagon socket head cap screws	
8	Handle fixture		1	Two M5 × 16 rivets	

IV. Mounting dimensions and the attached drawings:

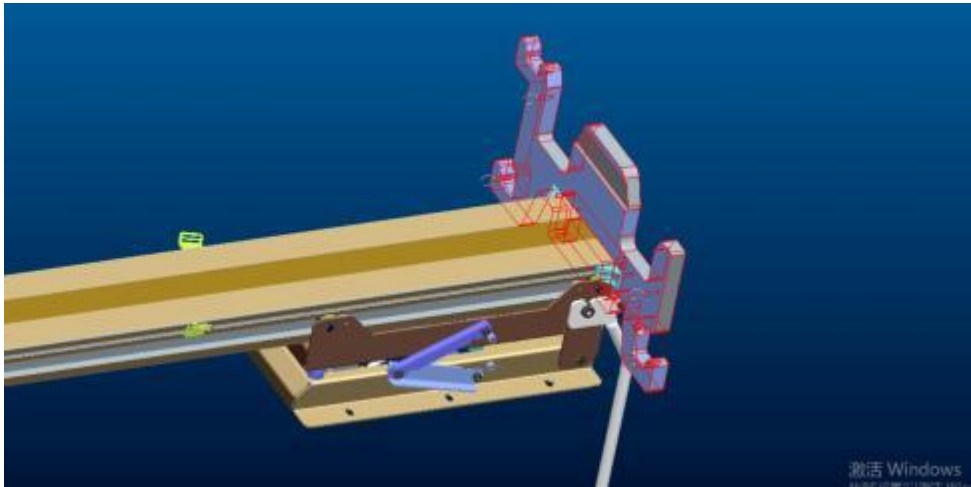
Installation of a 6 m ladder access system base frame



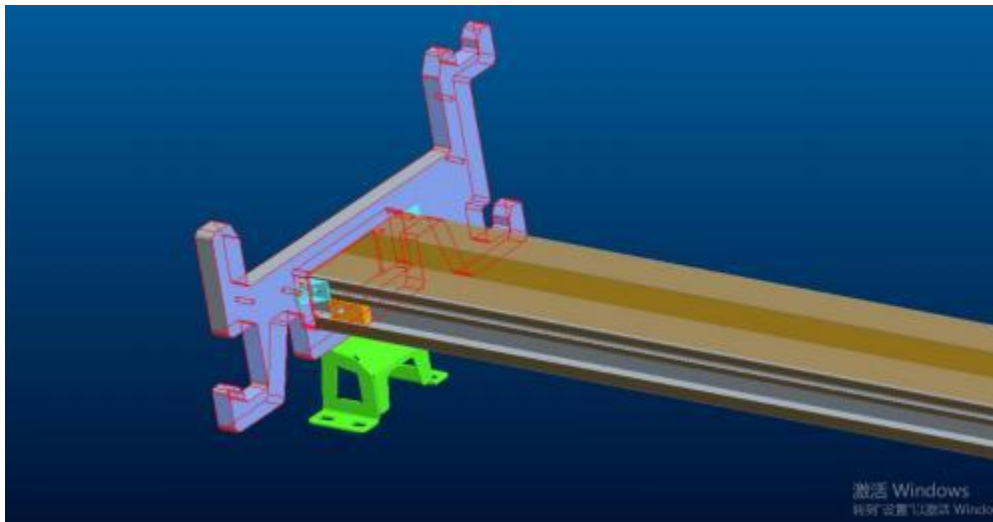
Packed state of ladder access system (3050 mm × 330 mm × 260 mm)



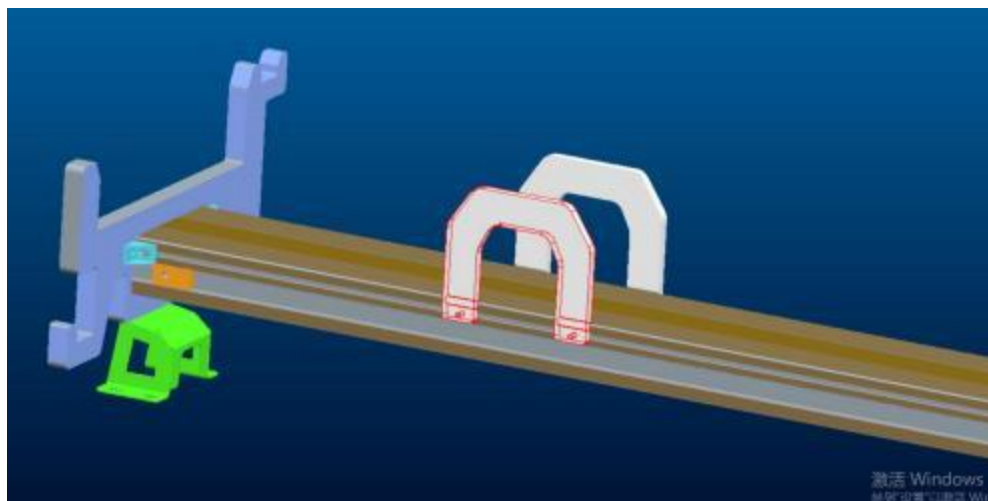
Mounting position of the front ladder stand



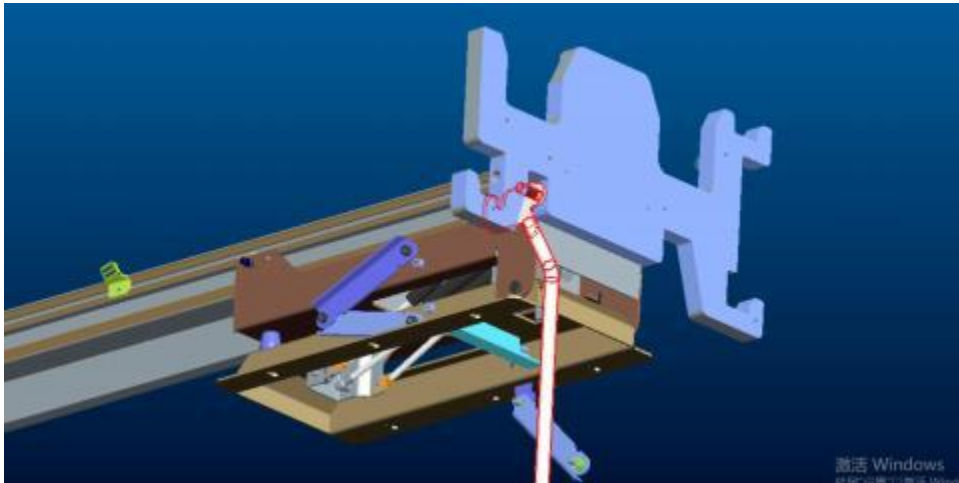
Mounting position of the rear ladder stand



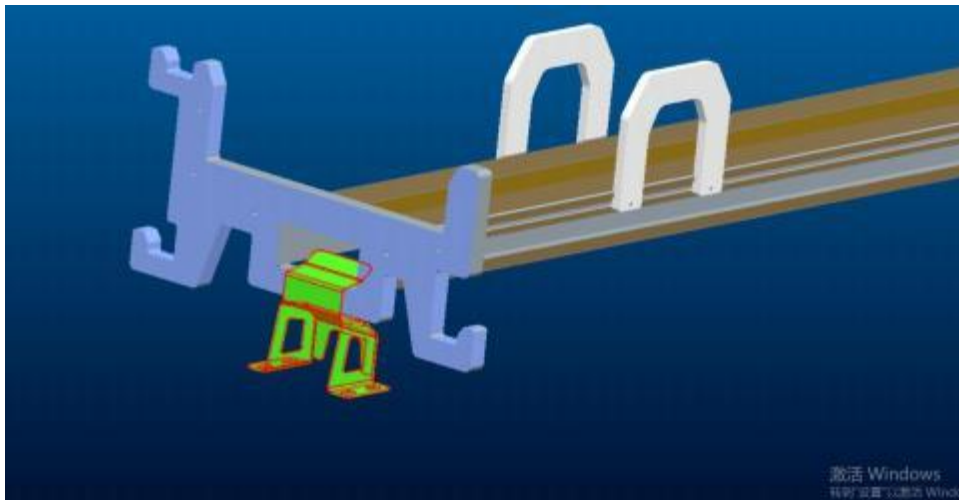
Mounting position of the ladder restraint bracket



Mounting position of the handle



Mounting position of the rail locking bracket



Mounting positions of the locking base and handle fixture

