

## PASSENGER STAIRS

### OPERATING AND MAINTENANCE MANUAL

Models: ERP/RM ERP/PQ ERP/SK ERP/TX



Figure 1

## DESCRIPTION MODELS ERP

This staircase is designed for loading and unloading of passengers in compliance with current regulations in many aircraft companies such as Airbus and Boeing.

This consists of two flights of stairs, the bottom is fixed, fixed to the chassis by articulated joints, the upper slides on the above using a manually operated hydraulic system, this system is equipped with hydraulic cylinder and double acting hand pump.

The moving section terminates in an access platform, the articulated front of this is to accommodate the aircraft fuselage, this platform has on both sides two sliding doors which allow the adjustment of the stairway plane.

In the frame of the ladder are set all the elements of this, in the front is equipped with two stabilizers that guarantee the stability and immobility of the ladder during the loading, unloading and parking of this.

This model is equipped with a ladder network lights on the steps to allow loading and unloading at night, powered by a 12v battery, batteries have a charger that plugs into 220V AC network.

This model can be folded ladder on itself and transported on its own chassis.



### Technical data Models ERP/RM

<p><b>Overall dimensions (extended movable section)</b>          Length: 5183mm          Height: 3956mm          Width: 1850mm</p> <p><b>Overall dimensions (movable section retracted)</b>          Length: 4417mm          Height: 3352mm          Width: 1850mm</p> <p><b>Other Dimensions (access platform)</b>          Length: 1375mm          Width: 1380mm          Maximum height from ground: 2956mm          Minimum height from ground: 2352mm</p>	<p><b>other features</b></p> <p><b>step</b>          Stair Tread: 250mm          Stair Riser: 196mm          Fixed section width: 1120mm          Movable section width: 1260mm</p> <p><b>Others</b>          Rear axle track width: 1500mm          Track Width Front: 1250mm          Railing height: 95mm          Tires: 15 "x4.5" x8 "          Battery: 75Ah          Battery charger: yes          Hydraulic oil: HLP-46          Tare: 1025 kg (approx)          Maximum towing speed: 15 km / h.</p>
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### Technical data Models ERP/PQ

<p><b>Overall dimensions (extended movable section)</b>          Height: 2352mm</p> <p><b>Overall dimensions (movable section retracted)</b>          Height: 1754mm</p> <p><b>step</b>          Stair Tread: 250mm          Stair Riser: 196mm          Fixed section width: 1120mm          Movable section width: 1260mm</p>	<p><b>Others</b>          Rear axle track width: 1500mm          Track Width Front: 1250mm          Railing height: 95mm          Tires: 15 "x4.5" x8 "          Battery: 75Ah          Battery charger: yes          Hydraulic oil: HLP-46          Maximum towing speed: 15 km / h.</p>
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### Technical data Models ERP/SK

<p><b>Overall dimensions (extended movable section)</b> Height: 3724mm</p> <p><b>Overall dimensions (movable section retracted)</b> Height: 2548mm</p> <p><b>step</b> Stair Tread: 250mm Stair Riser: 196mm Fixed section width: 1120mm Movable section width: 1260mm</p>	<p><b>Others</b> Rear axle track width: 1500mm Track Width Front: 1250mm Railing height: 95mm Tires: 15 "x4.5" x8 " Battery: 75Ah Battery charger: yes Hydraulic oil: HLP-46 Maximum towing speed: 15 km / h.</p>
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### Technical data Models ERP/TX

<p><b>Overall dimensions (extended movable section)</b> Height: 3920mm</p> <p><b>Overall dimensions (movable section retracted)</b> Height: 2548mm</p> <p><b>step</b> Stair Tread: 250mm Stair Riser: 196mm Fixed section width: 1120mm Movable section width: 1260mm</p>	<p><b>Others</b> Rear axle track width: 1500mm Track Width Front: 1250mm Railing height: 95mm Tires: 15 "x4.5" x8 " Battery: 75Ah Battery charger: yes Hydraulic oil: HLP-46 Maximum towing speed: 15 km / h.</p>
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