



Safety Manual

Antistatic Anodized Folding Stairs

JumboStep ESD × KingStep ESD

RampStep ESD



This Safety Manual can help you evaluating the risk of a ladder job. A good risk evaluation requires the following controls:

- **Operation Control:** do you need a ladder for the job or can it be done better otherwise?

- **Environment control:** try to list up all potential risks coming from the environment of the ladder and the job!

- **Operator Control:** are you sure you got the right person to do the ladder-job ?

- **Product Control:** check the ladder itself going through the „Checklist“ for ergonomic safety step-ladders " at the end of this manual

- **Accident Reports:** Report ladder accidents to the "International Ladder Manufacturers' Convention" ILMAC. Your report will be supported by a standardised "Questionnaire"

Product Identification

Brands: **Jumbo Step ESD, King Step ESD, King Step ESD RAIL, Ramp Step ESD**

Utility: portable + collapsible dis-sipative ESD stairway for works in EPA ambient up to 3 m / 10 ft. Ladder surface resistance $>10^8$ Ohm, $<10^9$ Ohm; ladder/floor surface resistance $>10^8$ Ohm, $<10^9$ Ohm. (Tested with SRM -100/3, built to EN 100 015 Standard). Maximum ladder weight: 10 kg / 22 lb; Maximum duty load: 250 kg / 551 lb; Supplier: See Invoice / Way-Bill

Components

- (AL) Extruded aluminium profiles, anodised
- (FE) Galvanized steel
- (C) Carbon
- (PA) Nylon
- (PA) Nylon reinforced with glass fibres
- (PVC) Polyvinyl chloride with glue
- (PET) Self adhesive polyester stickers
- (PUR) Self adhesive polyurethane stoppers

Danger

CAUSES OF LADDER ACCIDENTS:

- Complacency about danger
- Dizziness and poor balance
- Fatigue and weak muscles and bones
- Poor vision
- Poor hearing (exposure to noise)
- Ladder touching live electrical conductors
- Ladder slipping at top
- Ladder slipping at base
- Ladder resting against moveable objects
- Falling materials

Handling Information

Open and close the ladder rotating the upper tread

Protection Information

- Read user manual
- Check the ladder (see "Checklist ")
- Maximum load / Duty rating: 250 kg / 551 lb
- Ask your doctor when dizzy or "wobbly"
- Accident-proof your ladder by testing stability
- Assure more lighting
- Assure good hearing hygiene and accurate noise protection
- Prompt reflexes: pay attention to your age, alcohol and medications
- Use *ergonomic ladders* with freestanding treads. Recognition tips for "*ergonomic ladders*":

- 1 low weight (less than 20/25 kg / 50 lb)
- 2 large steps (surface 23 x 36 cm / 9 x 14 in)
- 3 treads laterally not closed by rails
- 4 self-locking positioning
- 5 self-instructing handling
- 6 colour design

- Avoid heavy ladders (more than 20 kg / 50 lb equiv. ca. 7 m / 23 ft long standard aluminium ladders)

- Do not repair portable ladders

- Do not apply accessories and fittings on portable ladders, e.g. hooks, clasps, points, levellers, platforms, footboards, rolls, roads, spacers, boards, depositaries

- Do not use the ladder when closed

- Open and close the ladder rotating the upper tread – so you will protect the lateral spreader bars and yourself

- Don't use for electrical applications. (The same stairs come all in insulating "STAR" version **Jumbo Star, King Star, King Star RAIL, Ramp Star**)

Ecological Data

- Life cycle: 10 years
- Packaging in cardboard + polyester foam inserts

Recycling

- All plastic parts - except PA-cushions of steps - can be removed and collected for recycling
- Rubber pads can be removed for recycling
- All steel parts can be removed and collected for total recycling
- All aluminium parts can be totally recycled

Transport Information

First close the ladder rotating the upper tread

Standards

- In EU-Member States companies and professionals are obliged by national and European laws to evaluate the risk of the use of portable ladders. This Safety Manual has been written to support safety managers in doing this job with portable ladders.
- Standards and standard certification of portable ladders are without any legal obligation (W.T.O. Agreements) and do not influence with evidence ladder safety.

Built to :







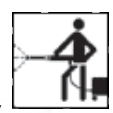
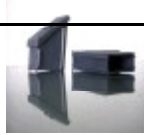

EN61340-5-1; ANSI/ESD 20:20



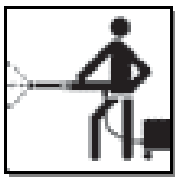
CHECKLIST FOR Jumbo Step ESD, King Step ESD, King Step ESD RAIL, Ramp Step ESD

A: Replace Spare-parts	x
1. spreader-bar (2) deformed / broken	<input type="checkbox"/>
2. steel cross-plate deformed/loose rivets	<input type="checkbox"/>
3. ladder shoe (4) lost	<input type="checkbox"/>
4. Kick-Stop in ladder shoe (2) eaten up	<input type="checkbox"/>
5. black round stoppers (8-20) broken	<input type="checkbox"/>
6. tread (2-5) deformed (no risk)	<input type="checkbox"/>
7. the ladder totters: check 1-4, if persists:	<input type="checkbox"/>
B: Replace complete ladder	
8. surface of a stile profile not linear	<input type="checkbox"/>
9. rubber pad is deformed or broken	<input type="checkbox"/>
10. tread (2-5) broken	<input type="checkbox"/>
C: Report a ladder accident to ILMAC	
11. www.skylax.com/ilmac.htm	<input type="checkbox"/>

Quality Inspection Certificate upon request

 <div style="text-align: center;">  <h2 style="margin: 0;">Users Manual</h2> <p style="margin: 0;">Antistatic Anodized Folding Stairs</p> <h3 style="margin: 0;">JumboStep ESD × KingStep ESD</h3> <h3 style="margin: 0;">RampStep ESD</h3>  </div> 	
Life cycle	10 years
Duty Rate	250 kg / 551 lb
Anodized	<p>All anodized parts (treads, rails, pipes)</p> <ul style="list-style-type: none"> - are suitable for contact with food - do not change over time - retain their original characteristics for many years, virtually without the need for maintenance.
<p>Open Close</p> 	<ul style="list-style-type: none"> - Open the Step rotating the upper stair only - Close the Step rotating the upper stair only - Don't touch rails or lateral spreader bars 
Maintenance and Cleaning	<p>Cleaning: With high pressure cleaners, without detergents</p> <p>Repels: water, petroleum, oil, tar, fat, grease, tar, acids, phenol,</p> <p>Auto lubricating</p> 
Spare-Parts	<p>Replace Shoes with kick-stop</p> 
Tread Layers	<p>Tread Layers are factory installed</p> <div style="text-align: center;">  </div> <p style="text-align: center;">E = DISSIPATIV</p>
Revision	<p>Ask for complete revision, including:</p> <ul style="list-style-type: none"> - new tread-layers - new stoppers/feet - new rivets - new spreader bars, if necessary
Recycling	<ul style="list-style-type: none"> - All plastic-, steel- and aluminium parts of the steps can be recycled.

**Easy to clean with high pressure cleaners.
Ask for SKYLAX access equipment
built for handling in HACCP ambient
and in hygienic industry**



3-7 Atmosph.

Anodized

Anodized

Anodized

STAR

STAR

STAR

ESD Antistatic tread layers are easy to clean with high pressure cleaners

Other SKYLAX access equipment with clean:

- *Tread layers made of sponge with closed cells*
- *Anodized aluminium*
- *Shiny red **STAR**-coating*

Repel:

- *Water*
- *Petroleum, oil, tar*
- *Fat, grease*
- *Acids, phenol and more than 100 chemical solutions*

Cleaned with high pressure water cleaners:

- *Tread layers made of closed cells turn like new*
- *Anodized aluminium profiles turn like new*
- *Anodized aluminium plates turn like new*
- *Colors turn brilliant*

