



**PES-700**

# PASSENGER STEP WITH CANOPY

## GENERAL

The vehicle consists of commercial truck chassis with cab, step frame (consists of adjust step and main step, and stand frame for step suspension). This vehicle is designed for B767, B747, B777, B787, A320, A330, A340 and other aircrafts, and for passengers getting on and off safely and easily in airport. This VIP passenger step is all-weather type.

Adjust step and Stabilizers are getting up and down by hydraulic pump which is driven by PTO device attached with truck. Tip of platform is moved back and forth by hydraulic power pack attached with under of platform.



## Canopy

Canopy is made from Polycarbonate, and is divided into two parts. Each two parts is fitted on Main step and Adjust step by bolts. Fluor lamp is installed in platform roof. Under of the each canopy have rainwater pipe in order to prevent passenger getting wet. The roof and side of platform edge are accordion type with cushion rubber. Under of platform is made by shaped steel and hand-operated sliding door, and fitted to aircraft. The upper accordion part is operated by hydraulic power with push bottom installed to platform.

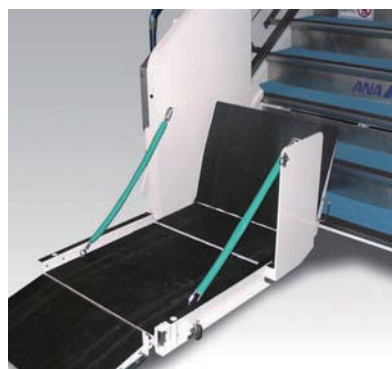


Company name changed from **SHINKO ELECTRIC CO., LTD.**  
Please note that our former company name or logo may be printed in this catalog.

## PASSENGER STEP WITH CANOPY

Our Passenger Step is designed with the capacity of servicing the passenger doors for A320, B767, B747, B777, B787, and etc.

Main Target Aircraft	Platform Height
A320	3,440mm
B767/A310	4,200mm
B787	4,390mm
L1011/MD11	4,580mm
B747/B777	4,770mm



### Main Specification

Model	PES-700 (with canopy)
Capacity	70 passengers
Overall length (step most extended)	9,980mm
Overall width	3,350mm
Overall height (step most extended)	7,980mm
Platform largeness (width*length)	2,910mm*2,600mm
Driving speed	Approx. 30km/Hr
Minimum turning radius	Approx. 6,200mm
Engine	
Combustion system	Diesel water-cooled in-line six
Total emission	8,201cc
Maximum output	165kw/2900rpm
Maximum torque	588Nm/1,700rpm
Generator	24V-50A
Battery	N-200*2EA
Torque converter (type)	3 elements 1 stage 2 phases
Transmission	Automatic
Steering (type)	Front wheel turning

## SINFONIA TECHNOLOGY CO., LTD.

### *The Background of Our New Corporate Name*

SINFONIA TECHNOLOGY CO., LTD. lies in the term for a 17th century Italian opera overture, sinfonia, which is also the root of the English word symphony, a suite comprised of four movements to be played by an orchestra. One reason why symphonies are loved by music listeners throughout the world is because over the long course of history musical instruments have become able to produce an incredible number of unique sounds. Yet another reason is the development of a large variety of melodic styles. Our company's forte as well lies in the great variety of personnel that we are blessed with, who continue to develop a great variety of products and technologies. In short, we have taken the word sinfonia, to allude to this variety, and combined it with technology in order to create our new corporate name. In the same way that an opera overture points towards a musical adventure yet to come, it is our hope that our new company name gives some indication of the bright new future that lies ahead for our organization.

SINFONIA TECHNOLOGY CO., LTD. continually upgrades and improves its products.  
Actual features and specifications may therefore differ slightly from those described in this catalog.

Formerly SHINKO ELECTRIC CO., LTD.

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