



PES-500U



## VIP PASSENGER STEP WITHOUT 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 B737, B747, B777, B787, A320, A330, A340 and other aircrafts, and for passengers getting on and off safely and easily in airport.

Adjust step and Stabilizers are gotten 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.

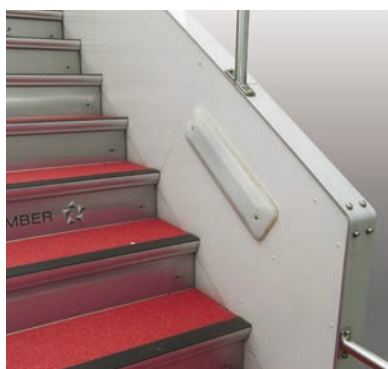
Each position excluding B737, step angle is 33 degree (platform standard levelness is level). B737 position or the position higher than that of B747, B777, corresponded by platform expansion or contraction, and change of step angle.



# VIP PASSENGER STEP WITHOUT CANOPY

Our VIP Passenger Step is designed for VIP use with the capacity of servicing the passenger doors for B-737, B-747, B-767, B-777, B-787, and A320 etc.

Main Target Aircraft	Platform Height
B737	2,680mm
A320	3,440mm
B767	4,200mm
B787	4,390mm
B747/B777	4,770mm



## Main Specification

Model	PES-500U (for VIP)
Capacity	64 passengers for B737 to B747
Overall length (step most extended)	10,460mm
Overall width	3,110mm
Overall height (step most extended)	5,975mm
Platform largeness (width*length)	2,915mm*2,350mm
Driving speed	Approx. 30km/Hr
Minimum turning radius	Approx. 5,200mm
Engine	
Combustion system	Diesel water-cooled in-line six
Total emission	7,166cc
Maximum output	140kw/2,900rpm
Maximum torque	500Nm/1,500rpm
Generator	24V-50A
Battery	N-200*2EA
Torque converter (type)	3 elements 1 stage 2 phases
Transmission	Forward 1st~4th, Backward 1st
Steering (type)	Front wheel turning

\*Without Canopy

## 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.

**SINFONIA** SINFONIA TECHNOLOGY CO., LTD.

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