

# Universal Passenger Stairs SI 24-58



TELESCOPIC RAMP PATENTED SYSTEM SELF PROPELLED ON AVIOGEI CUSTOM MADE CHASSIS HYDROSTATIC TRANSMISSION

CAPACITY:	Front Platform	kg 1.000
	For Step	kg 200
OPERATIVE RANGE:		from 2.460 mm to 5.750 mm

## MAIN TECHNICAL CHARACTERISTICS

AVIOGEI Universal Passenger Step model SI 24-58 UNI is a self-propelled unit specially designed for enplaning and deplaning of passengers to/from all current types of aircraft having the height of the threshold from the ground ranging between 2.460 mm and 5.750 mm (A330, A340 and B777 included). AVIOGEI SI 24-58 UNI fully complies with IATA Equipment Specifications AHM 910, AHM 913, AHM 915, AHM 920, with SAE - ARP 836A and with EC Machinery Directive 89/392.

*For technical and operational features  
ask for Specification n° 1249.*

  
**AVIOGEI**  
Airport Equipment Srl



ASSOCIATE MEMBER



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Member of CISO Federation  
**RINA**  
ISO 9001:2000  
Certified Quality System

**MAIN TECHNICAL DATA**

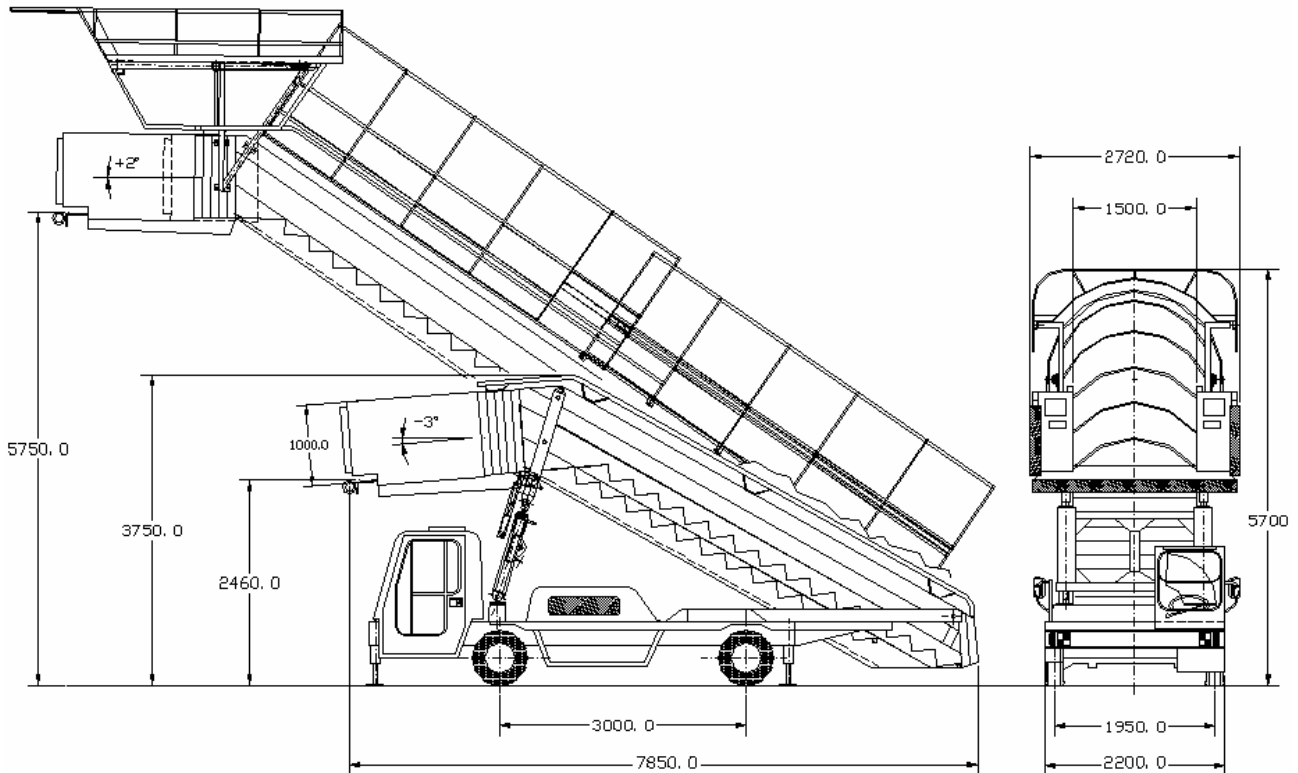
**Universal passenger stairs**

**SI 24-58**

<b>Maximum speed</b>	Km/h	30	<b>Diesel engine</b>	Deutz	F 4L 2011
<b>Stabilizer</b>	n°	4	<b>Hydraulic steering</b>	Front	Orbitroll type
<b>Ramp</b>			<b>Wheels</b>	with flap and tyres	
<b>Width</b>	mm	1500	<b>Transmission</b>	Closed circuit hydrostatic	hydraulic motor direct-coupled to the rear axle
<b>Max. operational height</b>	mm	5.750	<b>Service brake</b>	Brake shoe on the front / rear wheels	Servo brake
<b>Min. operational height</b>	mm	2.460	<b>Parking brake</b>	Acting on rear wheels	mechanical released
<b>Steps</b>			<b>Manual pump</b>	For emergency	For operating the ramp, the stabilizers, steering, engine failure
<b>N</b>		27	<b>Electrical system</b>	Sealed installation	24 volt
<b>Height</b>	mm	200	<b>Hydraulic oil tank</b>	l	80
<b>Tread</b>	mm	300	<b>Fuel tank capacity</b>	l	50
<b>Max loading capacity</b>	Kg	200	<b>Batteries</b>	12 V – 100 A/h	2
<b>Angle of inclination</b>	Degrees	From 31° to 36°	<b>Encumbrance</b>	Red lights	2
<b>Platform</b>	mm	2500 x 1700			
<b>Driver's cab</b>	Front left				

<b>In conformity with IATA regulations</b> AHM 910 – AHM 913 – AHM 915 – AHM 920	<b>In compliance with CE 89/392 regulation</b> ISO 9001 – Vision 2000
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OPTIONALS	SHIPPING DATA		
Emergency electro pump	Length	mm	7.850
Telescopic Canopy	Height	mm	3.750
Fire extinguisher	Width	mm	2.720
Spare wheel	Weight	kg	7.500
Pressure gauge for thermal engine			
Pressure gauge for service and transmission			
Other Engine			



AVIOGEI

Short Tech. Spec. 1249

Avioge reserves the right to change details as a result of product improvement