

Made to Move!

WOLLARD
INTERNATIONAL

CMPS-228 Chassis Mounted Passenger Stair

Zero Emission Electric Power Available With either Lead Acid or Lithium Compatibility, Optional All Weather operator's cab



Where high-reach maneuverability meets stability, in a mobile stair.

This extended reach mobile stair services heights from 96 in. (2.24 m) up to 228 in. (5.8 m) in a highly maneuverable unit. Our tubular wrap-around steel frame is light weight, fuel efficient, and agile for the crowded ramp environments.

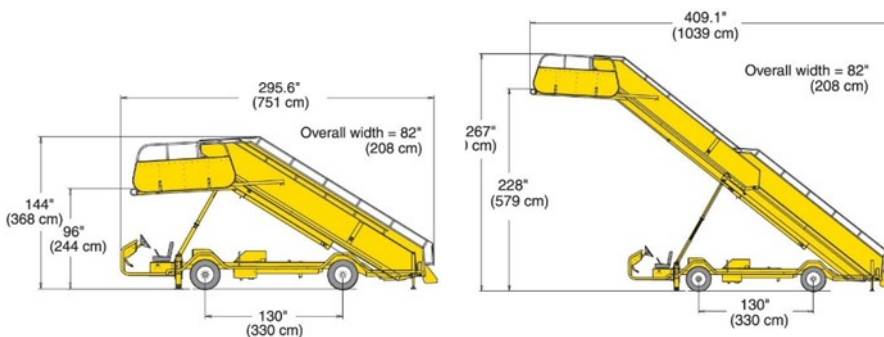
The easy-to-position stair unit features an unobstructed operator's station allowing clear visibility of the aircraft doorsill during approach to the aircraft. With an optional All Weather operator cab and optional suspension seat for operator comfort.

The CMPS-228 is available in Electric, Diesel, Gasoline, or LP power options.

Customized configurations for every application are available.

Features:

- ⇒ Zero emission electric power
- ⇒ Low emission Stage V and Tier 4 Final diesel power
- ⇒ EPA approved gasoline or LP fuel
- ⇒ Factory new automatic transmission
- ⇒ Lightweight, fuel efficient, impact deflecting steel frame
- ⇒ Optional All Weather operator cab and optional suspension seat.
- ⇒ LED Lighting
- ⇒ Safety
 - Back up alarm
 - Horn
 - Anti-restart ignition switch
 - Engine safety shutdown (engine dependent; low oil pressure, high temperature)
 - Slip resistant treads with LED lighting for night visibility.
 - Four-point hydraulic stabilizers
 - Stable—able to operate in winds up to 90 mph (145 kph)
 - Platform rated for 1,900 lbs. (863 kg)



Proven durability. Trusted performance.



Go to wollardintl.com for more.



CMPS-228 Chassis Mounted Passenger Stair

	IMPERIAL	METRIC		IMPERIAL	METRIC
Aircraft servicing capabilities			Platforms (Top)		
Doorsill height	96-228 in	2.24-5.33 m	Width	62.8 in	1.6 m
Dimensions			Depth	110 in	2.8 m
Length (extended)	409 in	10.4 m	Operating angle	+3° to -3°	
Length (travel)	295.6 in	7.5 m	Capacity	2,850 lbs. -	1,293 kg -
Width	82 in	2.08 m		65 lbs./ft ²	317 kg/m ²
Height (extended)	267 in	6.8 m	Platforms (Intermediate)		
Height (travel)	144 in	3.66 m	Depth	32 in	0.81 m
Drive speed (gas/diesel/LP)	25 mph	40 kph	Capacity	600 lbs. -	272 kg -
Weight, shipping (non-electric)	10,300 lbs.	4,672 kg		65 lbs./ft ²	317 kg/m ²
Wheel base	130 in	3.3 m	Step Capacities		
Turn radius	21.5 ft	6.55 m	Adjustable capacity	366 lbs. -	166 kg -
Stairs				100 lbs./ft ²	488 kg/m ²
Nominal tread depth	10.5 in	0.27 m	Fixed capacity	306 lbs. -	139 kg -
Nominal riser height	7.4 in	0.19 m		100 lbs./ft ²	488 kg/m ²
Basic stair angle	35°	35°			
Nominal tread width (fixed)	42 in	1.1 m			
Nominal tread width (adjusted)	50 in	1.27 m			
Handrail capacity	200 lbs.	91 kg			

Drive System

Engine options

Electric

- 80V AC with Curtis Controller
- Lead-Acid or Lithium Battery
- Onboard charger available

Diesel

- Deutz D2.9L (available in Stage 5 and Tier 4 Final)
- Cummins B3.3 (Tier 3, export only)

Gasoline

- Kubota WG2503

LP

- Kubota WG2503

Cooling System

- Full size liquid cooled radiator, isolated from vibration

Transmission

- Factory new GM 4L70E automatic transmission with separate transmission fluid cooler, with shift abuse protection

Axles

- Front: Brierton (Standard)
- Rear: Comer (Standard)

Tires

- Front: 8.75R-16.5
- Rear: 8.75R-16.5

Systems

Chassis

- Lightweight, durable tubular impact deflecting frame
- Four-point, sequenced hydraulic stabilizer cylinders with individual hard plumbed check valves

Steering

- Power Assisted

Systems (cont.)

Braking

- Four wheel, split cylinder
- Front: Disc
- Rear: Internal wet Disc

Instrumentation

- J1939 CAN gauge (Stage V, Tier 4 final, gasoline and LP)
- LED Warning indicators
- Alternator
- Engine oil pressure
- Coolant temperature
- Brakes
- Engine hour meter

Hydraulics

- Hydraulic manifold design includes solenoid operated valves
- Built in manual emergency operating system

Lighting (LED)

- Headlights
- Taillights
- Brake
- Reverse
- Work light

Electrical

- 12V System
- Maintenance free battery
- 90A minimum alternator (engine dependent)

Configurations

Standard

- Retractable seat belt
- Engine cover
- Engine safety shutdown (low oil pressure, high temperature)
- Back up alarm
- Anti-restart ignition switch
- Zinc rich primer and white polyurethane top coat
- Rearview mirror

Optional

- Lithium battery (consult factory for details)
- Battery Management System for fast chargers
- Onboard SAE J1772 compliant charger
- Enclosed operator's cab
- Canopy, Stairway
- Seat options
- Keyed ignition
- Tow hooks
- LED amber beacon light
- LED turn signals
- Push button start
- Master disconnect switch
- Fire extinguisher(s)
- Spare tire assemblies
- Preventive maintenance service kits
- Heavy duty winterization package to -40°F
- Custom paint color
- Consult factory for additional specialized configurations

Note: Dimensions may change slightly with individual engine packages. Specifications subject to change without notice.