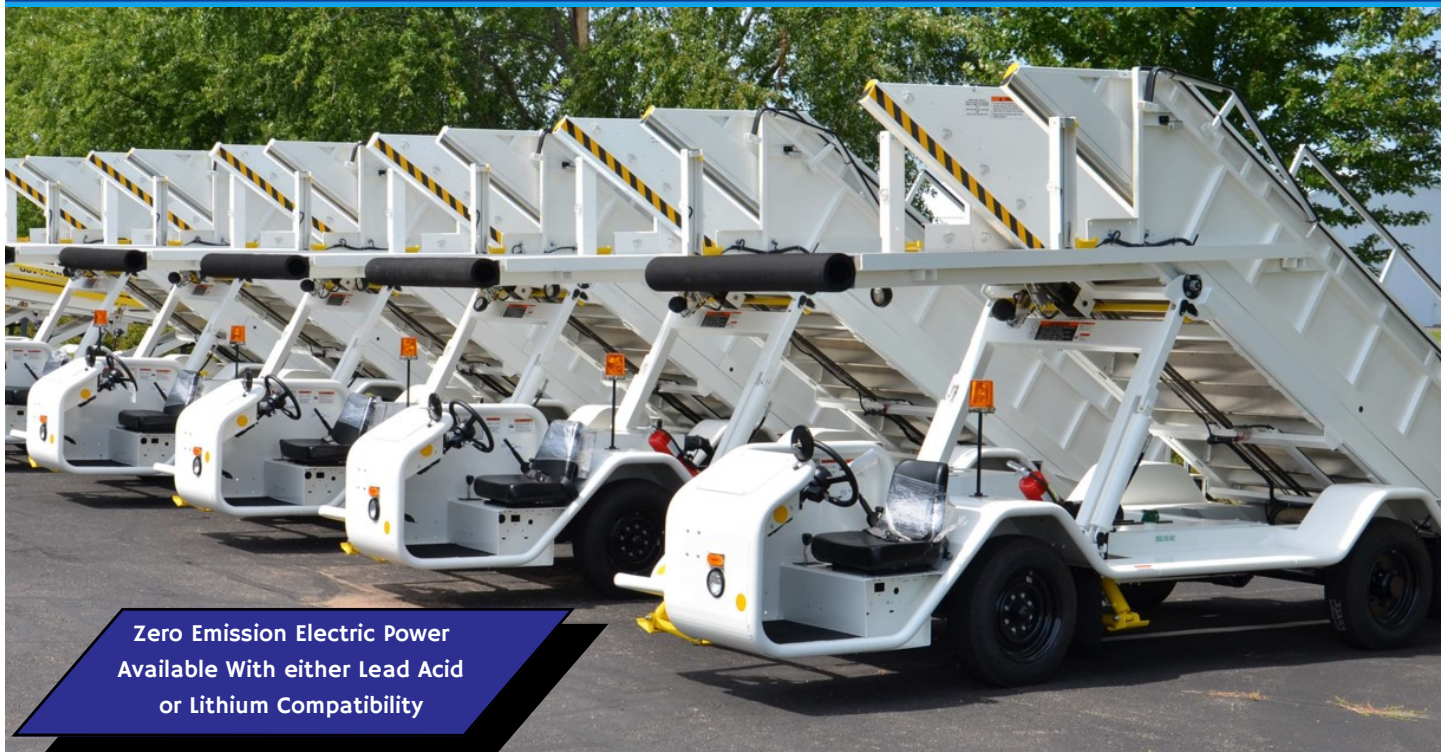


Made to Move!

**WOLLARD**  
INTERNATIONAL

## CMPS-170 Chassis Mounted Passenger Stair



Zero Emission Electric Power  
Available With either Lead Acid  
or Lithium Compatibility

### Reduce turn time with extended reach in a maneuverable, mobile stair.

This extended reach mobile stair services heights from 77.5 in. (1.97 m) up to 170.5 in. (4.3 m) in a highly maneuverable unit. The CMPS-170 meets SAE ARP 836 and 1247. Our tubular wrap-around steel frame is light weight, fuel efficient, and agile for the crowded ramp environments.

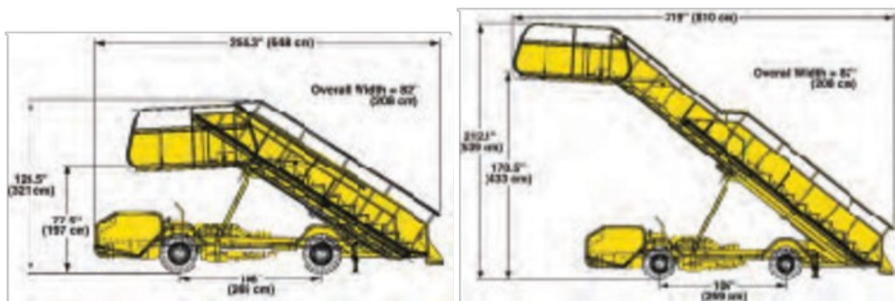
The easy-to-position stair unit features an unobstructed operator's station allowing clear visibility of the aircraft doorsill during approach to the aircraft.

The CMPS-170 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
- ⇒ 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)



Photos and illustrations may show optional equipment

Proven durability. Trusted performance.



Go to [wollardintl.com](http://wollardintl.com) for more.



## CMPS-170 Chassis Mounted Passenger Stair

	IMPERIAL	METRIC		IMPERIAL	METRIC
<b>Aircraft servicing capabilities</b>			<b>Platforms (Top)</b>		
Doorsill height	77.5-170.5 in	1.97-4.33 m	Width	51.1 in	1.3 m
<b>Dimensions</b>			Depth	85.9 in	2.2 m
Length (extended)	319 in	8.1 m	Operating angle	+3° to -3°	
Length (travel)	255.3 in	6.5 m	Capacity	1,900 lbs. -	862 kg -
Width	82 in	2.08 m		65 lbs./ft <sup>2</sup>	317 kg/m <sup>2</sup>
Height (extended)	212.1 in	5.4 m	<b>Platforms (Intermediate)</b>		
Height (travel)	126.5 in	3.2 m	Depth	34 in	0.86 m
Drive speed (gas/diesel/LP)	25 mph	40 kph	Capacity	621 lbs. -	282 kg -
Weight, shipping (non-electric)	7,300 lbs.	3,311 kg		65 lbs./ft <sup>2</sup>	317 kg/m <sup>2</sup>
Ground clearance	5 in	0.17 m	<b>Step Capacities</b>		
<b>Stairs</b>			Adjustable capacity	343 lbs. -	156 kg -
Nominal tread depth	10.6 in	0.27 m		100 lbs./ft <sup>2</sup>	488 kg/m <sup>2</sup>
Nominal riser height	7.4 in	0.19 m	Fixed capacity	306 lbs. -	139 kg -
Basic stair angle	35°	35°		100 lbs./ft <sup>2</sup>	488 kg/m <sup>2</sup>
Nominal tread width (fixed)	42 in	1.1 m	<b>Drive Axle</b>		
Nominal tread width (adjusted)	47 in	1.2 m	Comer planetary heavy-duty	8,093 lbs.	3,671 kg
Handrail capacity	200 lbs.	91 kg	<b>Front Axle (Brierton)</b>		
<b>Fuel Tank</b>			Rugged capacity	4,500 lbs.	2,041 kg
Capacity	22 gal	40 kph	Track (rigid mounted to frame)	73 in	1.85 m

### 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: 8.00-16.5LT
- Rear: 8.00-16.5LT

### Systems

#### Chassis

- Lightweight, durable tubular impact deflecting frame

#### Steering

- Power Assisted

#### Braking

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

### Systems (cont.)

#### Instrumentation

- J1939 CAN gauge (Stage V, Tier 4 final, gas-line 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

### Configurations (cont.)

#### Optional

- Lithium battery (consult factory for details)
- Battery Management System for fast chargers
- Onboard SAE J1772 compliant charger
- Enclosed operator's cab
- Seat options
- Keyed ignition
- Tow hooks
- LED amber beacon light
- LED turn signals
- Push button start
- Rear view mirror
- 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.