

CMPS-228

NMC-WOLLARD Chassis Mounted Passenger Stair

A rugged chassis stair designed specifically for the ramp with maximum reach and electric power

Electric AC/DC retro-fit kits available for Model CMPS-228



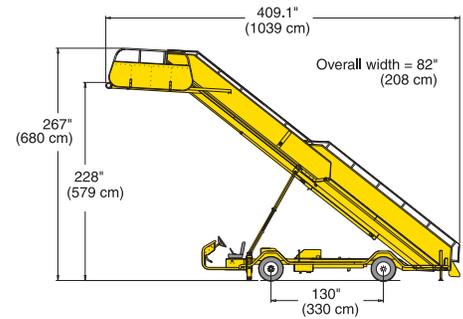
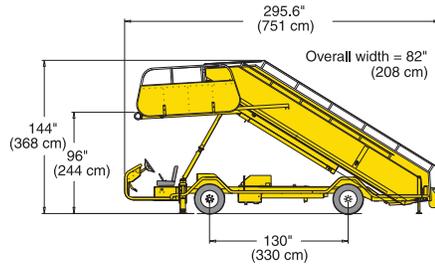
- Reaches doorsills to 228" (5.8 m)
- Stable — operates in winds up to 90 mph (145 kph)
- Modular engine/transmission assembly makes maintenance and repair simple
- Maneuvers around aircraft — only 82" (2.1 m) wide
- Cab-forward design for easy docking at aircraft
- Incorporates off-shelf components

The NMC-WOLLARD Model CMPS 228 is a high-reach, ramp-specific worker. It features a 228" extension (reaches door sills on 747's). Hydraulic-deploying outriggers keep the Model 228 stable — even in stiff winds.

A protective wrap-around bumper deflects impacts with other GSE vehicles — no automotive sheet metal to repair. Choice of electric power or off-highway engine/transmission modular assemblies.

NMC-WOLLARD CMPS-228

Specifications subject to change without notice. Photos and illustrations may show optional equipment.



Aircraft Servicing Capability

All aircraft having doorsill heights ranging from 96" (2.44 m) to 228" (5.8 m).

Overall dimensions/specs

Length, extended 409" (10.4 m)
 Length, travel.....295.6" (7.5 m)
 Width..... 82" (2.1 m)
 Height, extended.....267" (6.8 m)
 Height, travel.....144" (3.66 m)
 Max vehicle speed.....25 mph (40 kph)
 Weight, shipping.....10,300 lbs.
 engine driven.....(4,671 kg)
 Weight, shipping.....11,960 lbs.
 electric.....(5,424 kg)
 Ground clearance.....6.5" (0.17 m)
 Turn radius.....21.5' (6.55 m)

Chassis Structure

High strength tubular welded frame rail with continuous schedule 80 heavy pipe rubrail (0.218" – 0.55 cm wall) electric welded to frame rails for impact deflection.

Stabilizers

4-point, sequenced hydraulic cylinders with individual hard plumbed check valves.

Stairs

Nominal tread depth.....10.5" (0.27 m)
 Nominal riser height.....7.4" (0.19 m)
 Basic stair angle.....35 degrees
 Nominal tread width (fixed)..... 42" (1.07 m)
 Nominal tread width (adj).....50" (1.27 m)
 Handrail capacity.....200 lbs. (91 kg)

Platforms

Top: 62.8" wide (1.6 m) x 110" (2.8 m) deep.
 Operating angle +3 degrees to -3 degrees.
 Capacity 2,850 lbs. (1,293 kg) - 65 lbs./sq. ft. (317 kg/m²)
Intermediate: Depth: 32" (0.81 m)
 Capacity 600 lbs. (272 kg) -65 lbs./sq. ft. (317 kg/m²)

Step Capacities

Adjustable: 366 lbs. (166 kg) - 100 lbs./sq.ft. (488 kg/m²)

Fixed: 306 lbs. (139 kg) - 100 lbs./sq. ft. (488 kg/m²)

Power

Power options include:

- Gas,
- LP,
- Dual fuel,
- Diesel
- Electric AC and DC.

Consult factory for details.

Transmission

Ford C-6. Lever shift control with detented F-N-R.

Drive Axle

Heavy duty, 5,900 lbs. (2,676 kg) capacity, rigid mounted to frame.

Front Axle

Rugged, 6,800 lbs. (3,084 kg) capacity, 73.8" (1.87 m) track, rigid mounted to frame.

Tires.....8.75R-16.5LT

Power Brakes

System.....4-wheel split cylinder
 Front.....disc type
 Rear.....drum type

Electrical System

Type.....12 VDC negative ground
 Battery (gas/diesel).....group 27

Fuel System (gas/diesel)

Fuel Tank.....alum vent. cap, 22 gal. (83L)
 Fuel gauge.....mechanical, on tank

Cooling System

Matched to engine requirements

Steering System

Char-lynn power steering control with a single-stage hydraulic cylinder.

Hydraulic System

Hydraulic manifold design includes solenoid operated valves and built-in manual emergency operating system. Components include cylinders, engine driven pump, 1,600 psi hydraulic system, 10 micron return filter, 80 mesh strainer on suction line and aluminum hydraulic tank with sight gauge and breather cap.

Instrument Panel

Warning indicators: engine shutdown, volts, oil, coolant and brakes. Hourmeter standard.

Switches: stair extension, platform tilt, stabilizers, lighting as detailed below.

Standard Lighting Package

Headlights, taillights, instrument panel, running lights, aircraft approach lighting, stair lighting, platform lighting.

Optional Items

- Backup alarm
- Canopy
- Clearance beacon
- Engine indicator gauges
- Directional signals
- Fire extinguisher
- Mico lock brakes
- Rubberized stair/platform treads
- Tow hooks
- 850 CCA battery

Dealer/Distributor

NMC-WOLLARD

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