

TML-704

NMC-WOLLARD Mobile Maintenance Lift

- Lift up to 2,000 lbs. (909 kg) distributed loads. Up to 500 lbs. (227 kg) concentrated loads

- Clears 65 in. (165 cm). Platform elevates to 16 ft. (488 cm)

- Modular engine/transmission simplifies maintenance and repair

- Single scissors lift features heavy-duty, rectangular tubular steel construction

- Choice of 4 engine packages or electric

Gets up and under

NMC-WOLLARD Mobile Maintenance Lift has elevating work platform height to 16 ft. (488 cm). Gives workers repair access to most aircraft. Lift height in low profile travel mode is only 43 in. (109 cm).

Quick access

Maneuverable self propelled lift gets to and from aircraft quickly with 20 mph top speed (32 km/hr.). Has 109.25 sq. ft. (10.15 sq. meters) platform area. Gives access to broad working areas of wings, tail sections and fuselage without need to reposition unit. Large 216" x 88" platform (533 cm x 208 cm) is ideal for multiple technicians and power tools.

High capacity

Lifts to 2,000 lbs. (909 kg) distributed loads — up

Self propelled work platform has 2000 lbs. (909 kg) lift capacity



to 500 lbs. (227 kg) concentrated loads. Hydraulic stabilizers allow full capacity at full extension. Stabilizers deploy on lift, retract on travel.

Easy to maintain

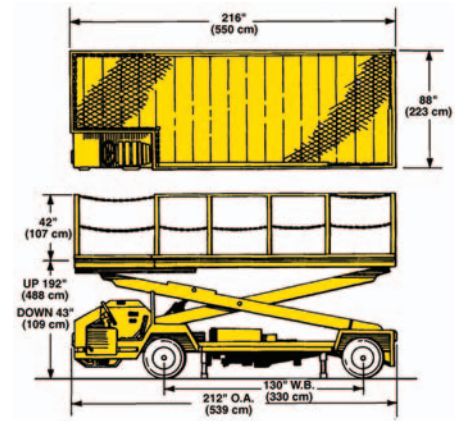
Simple cam follower scissors lift is easy to maintain. Has standard industrial components.



NMC-WOLLARD

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specifications subject to change without notice



Platform

High strength structural steel frame with aluminum gripstrut deck.

Platform Height

Adjustable between a minimum of 43" (109 cm) and a maximum of 16' (488 cm)

Platform Size

Overall 17' 6" (533 cm) x 6' 10" (208 cm)

Working Space

Same as platform less cutout 4' 6" (137 cm) long and 2' 3.5" (70 cm) wide at front left corner driver's area.

Total working area: 109.25 sq. ft. (10.15 sq. meters).

Platform Capacity

2000 lbs. (909 kg) total uniformly distributed load or 500 lbs. (227 kg) maximum concentrated load on any one quadrant.

Facilities on Platform

Floodlights/Worklights (customer specified). Engine ignition, emergency pump and platform raise/lower switches. Rubber bumpers around full perimeter of platform. Guardrails all around with access gate.

Emergency Platform System

The platform can be raised or lowered from the operator compartment or platform in case of engine failure by utilizing a battery-powered auxiliary pump.

Chassis

Frame..... high strength tubular
Wheelbase..... 130 in. (330 cm)
Wheeltrack..... front: 69 in. (175 cm)
 rear: 60 in. (152 cm)
Vehicle Speed..... 20 mph (32 km/hr)
Turning Radius..... 22 ft. (6.7 m)
Ground Clearance..... 5.5 in. (14 cm)
Stabilizers..... 4-point hydraulically operated

Power Pack

Electric Alternatives

72 or 80 VDC, 300 amp. hr. battery. System includes direct drive AC or DC series motor with 16 mph (26 kph) top speed. Electric controls inside NEMA-4 enclosure. Demand-only hydraulic system. Vehicle weight is 9,700 lbs. (4,400 kg) with 80 VDC battery.

Engine Alternatives

1. Ford V-6, 4.2L, gas
2. Cummins B3.3 in-line, 4-cyl, diesel
3. Deutz F4M/1011F, 4-cyl, diesel
4. Perkins 1104C-44, 4-cyl, diesel

Transmissions

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

Drive Axle

Type..... DANA 44 series
Gear Ratio..... 5:89:1
Suspension..... rigid mounts
Capacity..... 3,300 lbs. (1,500 kg)

Steering Axle

Type..... DANA 44 series
Steering..... hydraulic cylinder
Suspension..... rigid mounts
Capacity..... 4,500 lbs. (2,045 kg)

Tires

Load Range..... D; ST225/75D15
Load Capacity..... 2,450 lbs. @ 65 psi.
 (1,114 kg @ 4.5 bars)

Brakes

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

Electrical System

Type..... 12 VDC negative ground
Alternator..... 60 amperes
Battery..... group 27

Fuel System

Fuel Tank: aluminum, vented cap and 22 gal. (83L) capacity.
Diesels: fuel filter/water separator.
Fuel Gauge: on instrument panel.

Cooling System

Ford and Cummins engines are water cooled. Deutz engine is oil cooled. Transmissions can be water or air cooled.

Steering System

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

Hydraulic System

Lift Cylinder..... single-stage with check valve to prevent accidental drop
Valves..... electrically actuated, solenoid
Pump..... engine driven
Pressure..... 2,000 psi max. (138 bars)
Filter, on return line..... 10 microns
Strainer, on suction line..... 80 mesh
Hydraulic Tank..... aluminum with sight gauge and breather cap

Instrument Panel

Warning indicators..... volts, oil, coolant and brakes
Switches..... running lights, front spotlight, engine heat for cold start
Hourmeter..... to accumulate running time
Fuel Gauge

Shipping Dimensions

Length..... 216 in. (549 cm)
Width..... 88 in. (224 cm)
Height..... 65 in. (165 cm)
Weight..... 7,420 lbs. (3,366 kg)

Optional Items Available upon request.

Dealer/Distributor

NMC-WOLLARD

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