



NMC-WOLLARD

TC-888 **Mobile Belt Loader**



- **Modular engine/transmission makes maintenance and repair simple**
- **Maneuvers around aircraft — only 47.5" high (1.21 m)**
- **Choice of 4 engine packages or electric**
- **Component commonality streamlines parts and maintenance procedures**

Electric, gas, or diesel conveyor with unique tubular chassis that deflects impacts

Standard Features

- Power steering
- Belt controls at front and rear of conveyor bed
- Right side hand rail
- Aircraft protection bumpers on conveyor
- Emergency stops on all 4 corners of conveyor
- Tubular, unitized impact deflecting chassis
- Front, recessed belt controls
- Conveyor bed sized to fit inside 777 bulk cargo door

Quality and economy

Model TC-888 Mobile Belt Loader is a ramp performer — combines low operating cost, quality components and a GVW of only 5,900 lbs (designed tougher and lighter than

competitive models for durability and energy efficiency).

Designed for rough ramp work

Unique wrap-around tubular steel bumper deflects impacts — protects both the belt loader and other ramp equipment from dings, dents and collision damage. Look into the NMC-WOLLARD Belt Loader — designed for today's demands of economy, durability and ease of maintenance.

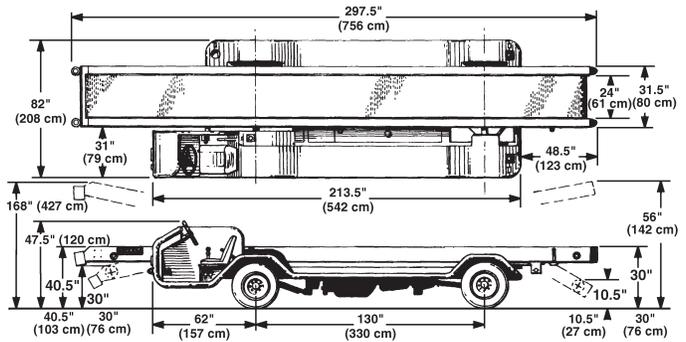


Electric AC/DC retro-fit kits available

NMC-WOLLARD TC-888 Mobile Belt Loader



specifications
subject to change
without notice



Height of Conveyor Bed from Ground All measurements to top of roller. *

Condition	Front	Rear	Angle
front EXTENDED rear retracted	168" (4.27 m)	10.5" (0.27 m)	34 degrees
front EXTENDED rear EXTENDED	156" (3.96 m)	38" (0.97 m)	25 degrees
front retracted rear EXTENDED	30" (0.76 m)	56" (1.42 m)	-5 degrees
front retracted rear retracted	40.5" (1.03 m)	30" (0.76 m)	2 degrees

Note: Dimensions may vary slightly with individual engine packages

Aircraft Servicing Capability

All Aircraft having doorsill heights ranging from 40.5" (1.03 m) to 168" (4.27 m).

Conveyor Belt

Up/Down controls: manually actuated hydraulic valve levers in the driver compartment.

Belt Controls: manual levers front and rear of conveyor bed.

Length..... 297.5" (7.56 m)
Width..... 82" (2.08 m)
Belt Width..... 31.5" (0.8 m)
Belt Width..... 24" (0.61 m)
Rated Capacity, distributed:.....2,000 lbs. (909 kg), concentrated:200 psf (976 kg/m²)
Belt Speed..... 40-120 fpm (0.2-0.6 m/sec)
Belt Movement.....Forward-Stop-Reverse
Dual front rubber bumpers:
4" (10 cm) O.D. x 3" (7.6 cm) I.D.
Dual rear rubber bumper:
4" (10 cm) O.D. x 3" (7.6 cm) I.D.
Roller spacing.....3" (8 cm) for 2 ft. (0.61 m) from each end of belt and 6" (15 cm) on balance.

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. Manual or electric controls. Electric controls inside NEMA-4 enclosure. Hydraulic or direct electric conveyor. Demand-only hydraulic system. Vehicle weight is 7,680 lbs. (3,483 kg) with 80 VDC battery.

Drive Axle

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

Tires

4-ply rating.....P225/75 R15
Load capacity:1,874 lbs. (850 kg) @ 35 psi

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 with vented cap and 22 gal. (83L) capacity. Diesels: fuel filter/water separator.

Fuel Gauge: mechanical on tank

Cooling System

Ford, Perkins and Cummins engines are water cooled. Deutz engine is oil cooled.

Steering System

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

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 control with detented F-N-R

Hydraulic System

Lift Cylinders..... single-stage
Valves..... manually actuated
Pump..... engine driven
Pressure..... 1,800 psi max. (124 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

Shipping Dimensions

Length..... 297.5" (7.56 m)
Width..... 82" (2.08 m)
Height..... 47.5" (1.21 m)
Weight..... 5,900 lbs. (2,676 kg)
Complete with engine
Turn Radius.....22 ft. (6.7 m)
Ground Clearance.....5.5" (140 mm)

Optional Items

Hourmeter
Fuel gauge
Electric belt controls
Retractable package guide (3-3/4" (9.5 cm) high)
Full width front bumper
Aux. pump for raising roller bed without engine power
Rear work spotlight
Engine indicator gauges
Directional signals
Fire extinguisher
Mico lock brakes
Personnel seats
850 CCA battery

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