

**NMC-WOLLARD**

# **MODEL 100 Tow Tractor** **8,000 to 12,000 lbs. DBP**



- **DBP from 8,000 to 12,000 lbs. (3,630 to 5,450 kg)**
- **Ramp-dedicated design**
- **Proven in cargo applications.**
- **Has dual planetary reduction drive axle.**
- **Has heavy plate steel frame and bumper protection. Model 100 takes hard use.**

## **Tough cargo puller has ramp-dedicated driveline and armor**

### **the choice of GSE Professionals**

“Ramp-dedicated” are the unsolicited words one major airline GSE manager used to describe the NMC-WOLLARD Model 100.

### **definitive cargo puller**

Model 100 pulls cargo — dependably — on long hauls — through tunnels and up ramps.

### **tough driveline**

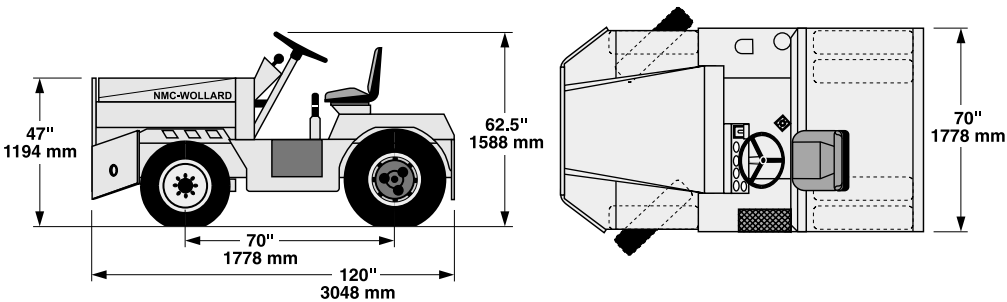
Standard driveline is an industrial Ford 300 6-cylinder with C6 3-speed automatic transmission and deep reduction dual planetary drive axle for maximum torque at ramp speeds. Diesels available.

### **built like a tank**

No nonsense or thin sheet metal. This bruiser has 3/4" (1.9 cm) thick frame plates and front bumpers to withstand most ramp use and abuse. The Model 100 stays in service where other units fail.



NMC-WOLLARD
Model 100 Tow Tractor



specifications subject to change without notice

Capacities & Weights

Table with 8 columns: Model No., 1008, 1010, 1012, Model No., 1008, 1010, 1012. Rows include Drawbar pull in lbs. and Gross wt. in lbs.

Dimensions & Data

- Length..... 120" (305 cm)
- Width..... 70" (178 cm)
- Height w/o cab..... 62.5" (159 cm)
- Height w/ cab..... 85.5" (217 cm)
- Turn Radius.....150" (381)
- Ground Clearance, less axle.....8" (20 cm)
- Speed, F.....12-20 mph\* (19-32 km/h)
- R.....4-7 mph\* (6-11 km/h)

Engine, Standard: Gas; Ford CSG-649, 6 cylinder, 300 cu. in. (4.9 liter) 120 hp (89kW) @ 2,800 rpm. Torque 246 ft.lbs. (1200 kg/m²) @ 2,000 rpm.

Optional: Diesel: Cummins, Perkins

Transmission, Standard: Ford C6 3-speed automatic, 1-speed reverse with transmission fluid cooler.

Optional: Allison automatic

Cooling System: 15 quart (14 liter) coolant capacity engine radiator (100°F; 38°C ambient operating temperature).14 psi (.96 bar) operating pressure. Engine radiator insulated from vibration. V-belt drive water pump and alternator.

Drive Axle: Rockwell TA-268 double reduction, heavy-duty differential assembly, bearing mounted. Second reduction planetary gear in wheel hubs reduces torque on shaft in differential. Solid mounted to tractor frame.

Steering: Heavy-duty tubular axle with inclined king pins and axle caster for best tracking and turning characteristics. Has hydraulic assisted recirculating ball type steering gear and semi-elliptical leaf spring suspension.

Brakes: Dual master cylinder serves front and rear wheels independently. Front and rear brake systems balanced to give maximum control under varied load conditions. Rear - shoe type; Front - 13" (33 cm) vented disc with automotive caliper.

Tires: Front: 8.00 R 16.5 Rear: 8.00 R 17.5

Electrical: 550/680 amp hour battery and 66 amp alternator with internal regulator. Has starter lock out switch (prevents starter and ring gear damage when engine is running). Tractor starts only in neutral.

Instrumentation & Controls: Gauges include: voltmeter, coolant temperature, engine oil pressure, fuel level, transmission oil temperature, engine hour meter. Lighted rocker switches for dual headlights, dual tail lights and rear work lights. Back-up lights operate when transmission is in reverse. Cable operated shift control lever has 1st, 2nd, Drive, Neutral and Reverse positions. Operator adjustable Orscheln-type parking brake lever. Shift control and parking brake lever mounted for easy right hand operation. Foot pedals for accelerator and service brakes. Vinyl seat is adjustable 4" (10 cm) forward/backward.

Frame: Heavy-duty precision aligned, 1-piece structure. Bumpers and main frame plates are 3/4" (1.9 cm) thick. Side panels, rear fenders and body are 3/8" (0.95 cm) thick.

Fuel Capacity: 20.7 gal.; 78.3 liters.

Corrosion Proofing: All frame and body surfaces are shot blasted, double primed and painted with weather resistant paint. Standard bolts are SAE grade 5, zinc-phosphate coated to resist corrosion.

Standard Equipment:

- Automatic choke
- Automatic transmission
- Dual wheels
- Gauges: full instrumentation
- Lights: 2 head, tail and stop
- Paint: white or safety yellow
- Power-assisted 4-wheel brakes
- Power steering
- Seat belts
- Spark arresting muffler

Optional Equipment:

- Back-up alarm
- Cab assembly — all weather
- Econocab
- Heater/defroster
- LP fuel
- Mirror kit
- Overhead guard
- Passenger seat
- Rotating beacon, amber
- Safety shutdown
- Turn signals

Note: Special drive trains and other options available upon request.

GVW may vary ± 5% DBP measured @ 12" (30.5 cm)

Dealer/Distributor

NMC-WOLLARD

2021 Truax Blvd., Eau Claire, WI 54703
Phone: 715-835-3151 • Fax: 715-833-8708
E-mail: North American Sales bsteingart@nmc-wollard.com
E-mail: International Sales lrode@nmc-wollard.com
Website: www.nmc-wollard.com