

**NMC-WOLLARD**  
GSA Contract GS07F-5658A

# **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**

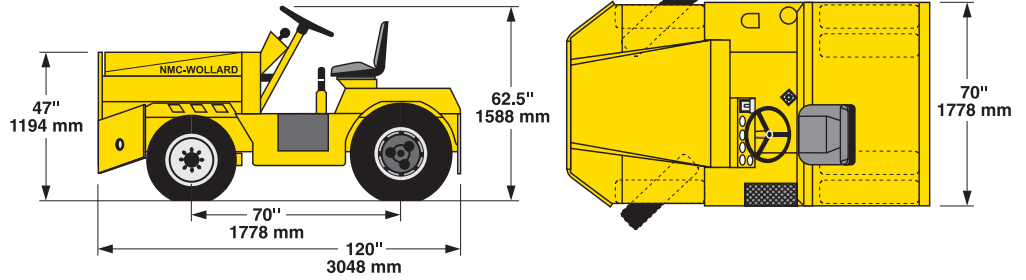
Driveline consists of industrial diesel and gas engines with Ford C6 and Allison AT545 transmissions and deep reduction dual planetary drive axle for maximum torque at ramp speeds.

### **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: based on standard driveline. Subject to change without notice

## Capacities & Weights

Model No.	1008	1010	1012	Model No.	1008	1010	1012
Drawbar pull in lbs.:	8,000	10,000	12,000	Gross wt. in lbs:	10,000	12,000	14,000
Drawbar pull in kg:	3,630	4,540	5,450	Gross wt. in kg:	4,540	5,450	6,360

## 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)

\*Consult factory for speeds.

**Engine, Standard:** Gas; Ford V-6, 4.2 L,  
**Optional:** Diesel: Cummins, Perkins, Deutz

**Transmission:** Ford C6 3-speed automatic, 1-speed reverse with transmission fluid cooler. Optional Allison automatic AT545

**Cooling System:** Full size. Engine radiator insulated from vibration.

**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 Axle:** Heavy-duty tubular axle with inclined king pins and axle caster for best tracking and turning characteristics. Has hydraulic assisted 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 - drum type;  
 Front - 13" (33 cm) vented disc with automotive caliper.

**Tires:** Front: 8.00 R 16.5  
 Rear: LT215/75R - 17.5

**Electrical:** Heavy-duty battery and 66+ amp alternator with internal regulator. Has anti-restart ignition 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 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 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  
 Rear spring suspension - consult factory  
 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)

# NMC-WOLLARD

2021 Truax Blvd, Eau Claire, WI 54703  
 Phone: 800-656-6867  
 Phone: 715-835-3151  
 Fax: 715-835-6625  
 Email: bsteingart@nmc-wollard.com  
 clanggaard@nmc-wollard.com  
 Website: www.nmc-wollard.com

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Dealer/Distributor