

# NMC-WOLLARD®

## MODEL M42 UTILITY VEHICLE

Maneuverable + 4-wheel drive + 4-wheel steer + 2-speed hydro/mechanical drive + limited slip axles + 2,500 lbs. carrying capacity + 5,000 lbs. DBP = M42 multi-tasking Utility Vehicle

- Available accessories include hydraulic-powered Broom, Snow Plow, Crane, Maintenance Platform, Portable Work Light and Power Inverter
- Four (4) Passenger capability (optional)
- 2-speed transmission — shifts on-the-go
- Features a 2,500 lb. carrying payload and optional auxiliary hydraulics for accessory power
- Compact, powerful and maneuverable — tows and pushes up to 5,000 lbs. DBP
- Has 4-wheel drive and limited slip traction — with planetary reduction drive axles for maximum torque at towing speeds
- Dependable dual-range hydro/mechanical drive allows speed range changes on-the-go
- Optional inching capability (with front and rear switches and independent rear wheel steering) makes attachment hook-up easy
- Diesel engine



Steering options include coordinated (shown), crab and 2-wheel front

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## Model M42 Tractor

Specifications based on standard drive train and are subject to change without notice. Photos and illustrations may show optional equipment.



### Dimensions & Data:

Length: ..... 145" (3683mm)  
Width: .....63" (1600mm)  
Height, no cab: ..... 70" (1778mm)  
Height, w cab & beacon: .....84.5" (2146mm)  
Weight, no cab: .....5,200 Lb (2358 kg)  
Weight, with cab: .....5,500 Lb (2494 kg)  
Ground Clearance: .....less axle: 8.00" (203mm)  
Forward Propel Speed: .....25 mph (40 km/h)  
Forward Work mode Speed: .....8 mph (13 km/h)  
Reverse Speed: .....8 mph (13 km/h)

**Engine:** Kubota V3307-T 4 cylinder, 3.3L turbocharged, water cooled, diesel, four cycle, Tier 4i EPA certified engine, jet-A and bio diesel compatible.

**Transmission:** Eaton DuraForce Closed Loop Hydrostatic with 2-speed hydraulic motor and dual drive output. Heavy duty drive shafts to each axle.

**Cooling System:** Full size engine radiator and transmission cooler.

**Drive Axles:** Comer® planetary assemblies multiply torque at the wheels. Axles have limited slip (power transfer) capability Spring and shock absorber mounting reduces effects of surface voids and bumps on operator and chassis.

**Steering:** Full hydraulic 4-wheel power steering. Four driver selectable steering modes:  
2-wheel front  
2-wheel front with operator controlled independent rear  
4-wheel coordinated  
4-wheel crab

**Brake System:** Hydraulic braking system serves front and rear wheels independently. Accumulator back-up. Front and rear brake systems balanced to give maximum control under varied load conditions. Internal axle wet disk brakes reduce maintenance time and cost. Parking system is spring applied, hydraulically released caliper on rear axle. Park brake includes operator adjustable brake lever mounted for easy right hand operation.

**Tires:** 4 mounted mud and snow tread. LT215/75R-16 (clearance for easy tire chain installation).

**Electrical:** Heavy-duty 12 volt battery system and 90 amp alternator. Has anti-restart ignition switch (prevents starter and ring gear damage when engine is running). Tractor starts in Park position only. All relays, fuses and circuit breakers contained inside a polycarbonate housing sealed to IP67 requirements. All electronic modules operate at temperatures from -40° to 185°F (colder in storage). All warning lights are LED. All communication between modules per Can-Bus SAE J1939 protocol. LCD display includes day/night sensor for night vision back lighting.

### Instrumentation & Controls:

LCD display includes: Fuel level bar graph, Hour meter, (Speedometer pending) Warning lights include: High transmission temp, Mechanical park brake engaged, Low park brake pressure, High engine temp, Low engine oil pressure, Lights high beam on, Glow plugs on, Low battery voltage, Inching engaged, Front steer mode engaged, "Ready to start" indicator. Rubber keypad switches for dual headlights, dual tail lights and rear work lights. Back-up lights operate when transmission is in reverse. Shift control lever has Park, Neutral, Forward (two speeds) and reverse (one speed). Operator activated parking brake with indicator switch. Foot pedals for accelerator and brakes. Floor mounted high/low light beam switch.

**Frame:** Tubular and formed sheet metal chassis that deflects impacts and is low maintenance.

**Fuel Capacity:** 22 gallons (83.28 L).

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

Available accessories include hydraulic-powered broom, snow plow, crane (2,000 lb. capacity), maintenance platform, portable work light and power inverter

Dealer/Distributor

## NMC-WOLLARD®

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