



# MASTER 5 *Speed Skidder*

## 400 to 600 Board Feet Skidding Capacity

Light weight—narrow tread—high speed makes logging profitable in scattered, marshy and heavy growth areas where wider, heavier machines would bog down or be unable to penetrate

Wisconsin V4 air cooled engine

Heavy duty 2 speed transmission and 4 speed reversing transfer case provides 8 speeds forward and reverse.

Heavy duty Gearmatic winch

Fully enclosed two shoe drum type brake.



## PETTIBONE MULLIKEN CORPORATION

4700 WEST DIVISION STREET  
CHICAGO 51, ILLINOIS

BULLETIN P-930-A

High log carrying position makes skidding easier and minimizes damage to logs

High flotation, low pressure, broad tread nylon tires provide unusual traction over all ground conditions

No track maintenance, faster speeds cut costs 75%

Operates in any weather, extending logging season

Extra heavy chassis articulated frame gives longer life

Special design, 4 wheel drive, heavy duty logging axles

4 wheel pivoted power steering

Short wheelbase for greater maneuverability

Excellent operator visibility and ease of control

Balanced weight distribution for logging

Protective steel plate belly pan eliminates possibility of damage to engine and power line components



# SPECIFICATIONS

## MASTER 5 SPEED SKIDDER

### WEIGHT: WITH BLADE-APPROX.

Front Axle.....5500#  
 Rear Axle.....2500#  
 Total.....8000#

### DIMENSIONS:

Height.....7'-6"  
 Width.....6'-4"  
 Length less blade.....14'-2"  
 Ground Clearance.....16" @ Axle  
 Ground Clearance.....20" @ Pivot  
 Wheelbase.....7'-0"  
 Track.....64"  
 Oscillation Frt. Axle Grd. to Tire.....24"

ENGINE	GAS	DIESEL
Make	Wisconsin	GM-Bedford
Model	V-461-D	B-10
Horsepower	57 @ 2450 RPM	65 @ 2600 RPM
Governed RPM	2450	2600
No. of cylinders	4	4
Bore	3 1/2"	4.0625"
Stroke	4"	4.25"
Displacement - Cu. In.	154	220
Electrical system	12 Volt	12 Volt

### CAPACITIES:

Hydraulic Oil Tank.....12 Gallons  
 Fuel Tank—Gasoline.....15 Gallons

### HYDRAULICS:

Pump.....Commercial Shearing  
 20 Gallons per minute @ 2200 RPM  
 Steering Cyls.....3" Bore-8" Stroke  
 Blade Cyls.....3" Bore-10" Stroke

### CLUTCH:

Borg & Beck.....11"

### TRANSFER CASE:

Pettibone Model 130.....4 Speed

### TRAVEL SPEEDS: FWD. & REV.

Transfer Case	Low	High
1st Gear.....	0.8 MPH	1.5 MPH
2nd Gear.....	1.6 MPH	3.0 MPH
3rd Gear.....	3.1 MPH	5.7 MPH
4th Gear.....	6.5 MPH	12.0 MPH

### TRANSMISSION:

Warner T87E.....2 Speed

### BRAKES:

Internal Expanding.....10" x 1 1/2"

### AXLES:

Planetary.....24.6 : 1 Reduction  
 No-Spin Differential.....Rear

### WHEELS:

Heavy Duty Disc Type with Valve protectors.

### TIRES:

Wire mesh loggers special .....11.2 x 28 6 Ply

### WINCH:

Gearmatic Model 9 with Hydraulic controls. Mounted on rear frame.  
 Winch drum diameter.....6"  
 Drum length.....7 3/4"  
 Flange.....11"  
 Cable Capacity.....9/16" x 136  
 Maximum line pull .....10,500 Lbs.  
 Line Speeds .....108 to 200 F.P.M.

### STEERING:

Hydraulic power articulated frame 40 degrees each way.

### FAIRLEAD FRAME:

Unitized construction with rear frame having one horizontal concave roller and two parallel vertical rollers. All rollers furnished with lubrication and bronze bushings in vertical rollers.

### OPTIONAL EQUIPMENT:

Electrical lighting  
 No-Spin differential in front axle  
 Blade  
 Hourmeter  
 Cable  
 Chokers  
 Hand Throttle  
 Spare Tire & Wheel  
 13.6—28 Tires  
 16.9—30 Tires

### STANDARD EQUIPMENT:

Canopy, Brush pan guards, Grill, Oil pressure gauge, Ammeter, Starting Switch, Air Cleaner, Oil Filter-Eng., Hydraulic oil filter, Muffler, Seat. No-Spin differential in rear axle.