

# STRENGTH



2200 & 2400 SERIES



4400 SERIES



REACH SERIES



AGRI LIFTER SERIES



LABORER SERIES



**QUALITY DRIVEN - QUALITY DELIVERED**

**NORTH AMERICA'S PREMIER LINE OF TELEHANDLERS  
AND VERTICAL MAST FORKLIFTS**



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Phone 905-642-9756 Toll Free 1-888-265-5438



# 2200-2400 D SERIES



- 6-12,000 LB. CAPACITY
- LIFT HEIGHTS TO 30 FT.
- C-THRU ROLLER MASTS
- OIL IMMERSSED DISC BRAKES
- HIGH VISIBILITY OPERATORS COMPARTMENT
- ERGONOMIC CONTROLS
- EASY ON AND OFF ACCESS
- AVAILABLE FOUR WHEEL DRIVE
- FULL RANGE OF ATTACHMENTS



*Rugged Mainframe  
and Componentized  
Power Train*

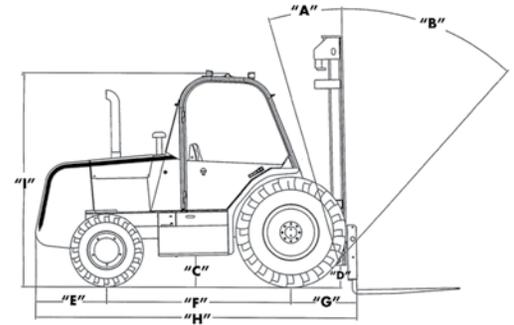
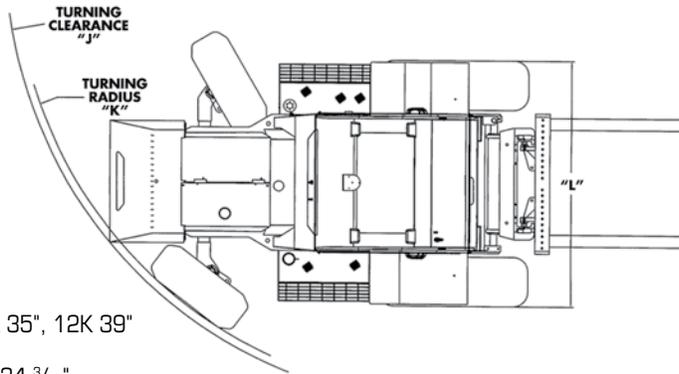
**LOAD LIFTER FEATURES DO WORK FOR YOU**

## MACHINE APROX. WEIGHTS

6,000 lb - 6352 kg (14,400 lbs)  
 8,000 lb - 7031 kg (15,500 lbs)  
 10,000 lb - 8029 kg (17,700 lbs)  
 12,000 lb - 8890 kg (19,600 lbs)

## MACHINE DIMENSIONS

A (Tilt Back) 14°  
 B (Tilt Forward) 24°  
 C (Machine Ground Clearance) 15"  
 D (Mast Ground Clearance) 12"  
 E (Counterweight Overhang) 6-10K 35", 12K 39"  
 F (Wheelbase) 83"  
 G (C/L Drive Axle to Face of Forks) 34 3/16"  
 H (Overall Length to Face of Forks) 6-10K 152 1/4", 12K 156 1/4"  
 I (Overall Height Top of Canopy) 97"  
 J (Turning Clearance) 2WD 173 1/2", 4WD 179"  
 K (Turning Radius) 2WD 168", 4WD 175"  
 L (Overall Width) 84"



## ENGINE

Make Perkins 1104D-44T Turbo Diesel  
 Displacement 4.40 Litres (268 cu. in.)  
 Gross H.P. 73.82 KW. (99 H.P.)  
 Maximum Torque 302 N.m. (223 ft. lbs.)  
 Rated Speed 2400 r.p.m.

## TRANSMISSION

Type 4 Speed Synchromesh with Power Reverser & Torque Converter  
 Speeds  
 1 4.6 km (2.9 mph)  
 2 9.6 km (6.0 mph)  
 3 17.6 km (11 mph)  
 4 29.6 km (19 mph)

## HYDRAULIC SYSTEM

Pump Gear Type System c/w Load Sense Steering Circuit  
 Filter 25 Micron Replaceable Element  
 Modular Control Valve c/w Tilt Lock System

## ELECTRICAL SYSTEM

Volts 12  
 Alternator 85 Amp.  
 Instrumentation Full LED Display

## STANDARD EQUIPMENT

- 6" Mast Side Shift
- 4 Speed Synchromesh Transmission
- Power Reverser
- Electric Column Shift
- Tilt & Telescopic Steering Console
- Hydrostatic Power Load Sense Steering
- Safety Start
- Dry Type Air Cleaner
- Retractable Seat Belts
- Height Adjustable Seat
- LED Instrument Display
  - Engine Temp.
  - Engine Oil Pressure
  - Fuel Level • Water Temp.
- Overhead F.O.P.S. Canopy
- Hour Meter
- Circuit Breakers
- Block Heater
- Manifold Heater
- Heavy Duty Battery
- Anti Freeze -40
- Horn
- Four Work Lights
- Transmission De Clutch
- 14 foot C-Thru Mast
- 48" Carriage 5-6,000 lb
- 60" Carriage 8-12,000 lb
- 48" Forks

## FLUID CAPACITIES

Cooling System	11.5 litres / 12.2 Quarts
Engine Oil	6.8 litres / 7.2 Quarts
Fuel	100 litres / 26.4 U.S. Gal.
Hydraulic Oil	85 litres / 22.5 U.S. Gal.
Transmission Oil	21.4 litres / 22.2 Quarts

## BRAKES

Service Mechanical Multiple Wet Disc (right and left hand braking ability)  
 Parking Manual External Disc on Transmission

## AXLES

Drive Heavy Duty Inboard Planetary Drive  
 Steer 2 WD Large 8" x 4" Solid Beam c/w Oversize Center Steer Control and Track Rod Design, Large Tapered Roller Bearing Spindle Wheel Ends  
 Steer 4 WD High Strength Cast Steel Housing c/w Planetary Drive Wheel Ends and 50° Lock Angle

## TIRES

Drive	6,000 lb. and 8,000lb.	16.9 x 24 - 10 ply lug
	10,000 lb. and 12,000lb.	15.5 x 25 - 12 ply lug
Steer	6,000 lb.	2WD 11:00 x 16 12 ply
	8,000 lb. to 12,000 lb.	2WD 14 x 17.5 10 ply
		4WD All 14 x 17.5 10 ply lug

## OPTIONAL EQUIPMENT

- "Smart Shift" Full Powershift Transmission
- Turbo Charged Engine
- All Steel Ergonomic Cab Assembly
- Mirrors
- Windshield Washer Kit
- Air Conditioning
- Suspension Seats
- Cold Weather Package
- Vandalism Package
- Murphy Shutdown Systems
- Rear Tire Fenders
- Exhaust Purifier
- High Air Intake
- Cyclonic Pre-Cleaner
- Power Brakes
- Lift Circuit Cushion Accumulator
- Fork Positioner
- Load Grapple
- Hydraulic Bucket
- Full Range of Attachments

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# 2200-2400 D SERIES



- 15-18,000 LBS CAPACITY
- HEAVY DUTY C-THRU ROLLER MASTS
- OIL IMMERSED DISC BRAKES
- TURBO CHARGED ENGINE
- FULL POWERSHIFT TRANSMISSION
- HIGH VISIBILITY OPERATORS COMPARTMENT
- ERGONOMIC CONTROLS
- EASY OFF AND ON ACCESS
- AVAILABLE FOUR WHEEL DRIVE
- FULL RANGE OF ATTACHMENTS



Model  
2414-15D  
complete with  
Two Stage Pipe Clamp

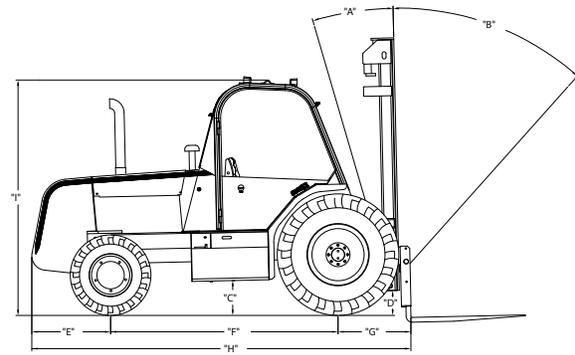
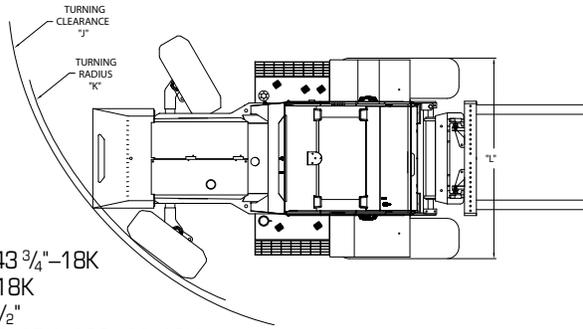
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## MACHINE APROX. WEIGHTS

15K 11,249 kg (24,800 lbs.)  
 18K 13,063 kg (28,800 lbs.)

## MACHINE DIMENSIONS

A (Tilt Back) 14°  
 B (Tilt Forward) 24°  
 C (Machine Ground Clearance) 15"  
 D (Mast Ground Clearance) 12"  
 E (Counterweight Overhang) 42"-15K, 43 3/4"-18K  
 F (Wheelbase) 94 1/2"-15K, 108 1/2"-18K  
 G (C/L Drive Axle to Face of Forks) 37 1/2"  
 H (Overall Length to Face of Forks) 174"-15K, 192 1/2"-18K  
 I (Overall Height Top of Canopy) 97"-15K, 101 1/2"-18K  
 J (Turning Clearance) 4WD 198"-15K, 247 1/2"-18K  
 K (Turning Radius) 4WD 192"-15K, 240"-18K  
 L (Overall Width) 91"-15K, 96"-18K



## ENGINE

Make Perkins 1104D-44T Turbo Diesel  
 Displacement 4.40 Litres (269 cu. in.)  
 Gross H.P. 73.82 KW (99 H.P.)  
 Maximum Torque 392 N.m. (290 ft. lbs.)  
 Rated Speed 2300 r.p.m.

## TRANSMISSION

Type 4 Speed Full Powershift c/w "Smartshift Feature"  
 Speeds 1st 3.8 km (2.3 mph)  
 2nd 6.7 km (4.2 mph)  
 3rd 12.3 km (7.6 mph)  
 4th 21.8 km (13.5 mph)

## HYDRAULIC SYSTEM

Pump Gear Type System c/w Load Sense Steering Circuit  
 Filter 25 Micron Replaceable Element  
 Modular Control Valve c/w Tilt Lock System

## ELECTRICAL SYSTEM

Volts 12  
 Alternator 85 Amp.  
 Instrumentation Full LED Display

## STANDARD EQUIPMENT

- 6" Mast Side Shift
- 4 Speed "SmartShift" Full Powershift Transmission
- Electric Column Shift
- Tilt & Telescopic Steering Console
- Hydrostatic Load Sense Power Steering
- Safety Start
- Dry Type Air Cleaner
- Retractable Seat Belt
- Height Adjustable Seat
- LED Instrument Display
  - Engine Temp.
  - Engine Oil Pressure
  - Fuel Level
  - Water Temp.
- Overhead F.O.P.S. Canopy
- Hour Meter
- Circuit Breakers
- Block Heater
- Manifold Heater
- Heavy Duty Battery
- Anti Freeze -40
- Horn
- Four Work Lights
- Transmission De Clutch
- 14 foot C-Thru Mast
- 60" Shaft Carriage
- 48" Pallet Forks

## FLUID CAPACITIES

Cooling System 11.5 litres / 12.2 Quarts  
 Engine Oil 6.8 litres / 7.2 Quarts  
 Fuel 100 litres / 26.4 U.S. Gal.  
 Hydraulic Oil 85 litres / 22.5 U.S. Gal.  
 Transmission Oil 21.4 litres / 22.2 Quarts

## BRAKES

Service Full Power Multiple Wet Disc  
 Parking Manual External Disc on Transmission

## AXLES

Drive Heavy Duty Inboard Planetary Drive  
 Steer 2 WD Large 8" x 4" Solid Beam c/w Oversize Center Steer Control and Track Rod Design, Large Tapered Roller Bearing Spindle Wheel Ends  
 Steer 4 WD High Strength Cast Steel Housing c/w Planetary Drive Wheel Ends and 50° Lock Angle

## TIRES

Drive - 18K 17.5 x 25 Radial  
 Drive - 15K 15.5 x 25 Radial  
 Steer 2WD 10:00 x 20 14 ply  
 4WD 15 x 19.5 14 ply

## OPTIONAL EQUIPMENT

- All Steel Ergonomic Cab Assembly
- R.O.P.S. Cab Assembly (15K)
- Mirrors
- Windshield Washer Kit
- Air Conditioning
- Suspension Seat
- Air Ride Seat
- Cold Weather Package
- Vandalism Package
- Murphy Shutdown Systems
- Exhaust Purifier
- High Air Intake
- Cyclonic Pre-Cleaner
- Lift Circuit Cushion Accumulator
- Range of Fork Positioners
- Load Grapples
- Hydraulic Bucket
- Utility Blades
- Full Range of Attachments

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MANUFACTURING LTD

# FEATURES & BENEFITS

## 2200/2400-D SERIES

- INDUSTRY LEADING VISIBILITY AND SIGHT LINES
- LARGE OPERATORS COMPARTMENT
- GENEROUS LEG AND FOOT ROOM
- EXCELLENT OPERATOR ACCESS ON AND OFF MACHINE
- ADJUSTABLE TILT STEERING COLUMN
- SOLID STATE, L.E.D. INSTRUMENT CLUSTER
- ADJUSTABLE SEAT HEIGHT FROM THE OPERATORS POSITION
- FAST, RESPONSIVE HYDRAULIC CONTROLS
- FINGER TIP STEERING EVEN AT LOW ENGINE IDLE
- COMPONENTIZED POWER TRAIN
- DIFFERENTIAL LOCK IS STANDARD (6-10,000 lbs)
- OIL IMMERSED DISC BRAKES
- QUIETER OPERATION DUE TO INCREASED INSULATION AND ANTI-VIBRATION TECHNOLOGY
- EXTREMELY TIGHT TURN RADIUS
- AVAILABLE IN TWO & FOUR WHEEL DRIVE
- FULL RANGE OF C-THRU MASTS
- 6,000 TO 15,000 LB CAPACITY
- ROOMY WELL EQUIPPED OPTIONAL CAB ASSEMBLY
- POWDER COATED FOR A TRUE LIFE TIME FINISH
- AVAILABLE WITH FULL FACTORY R.O.P.S. CAB CERTIFICATION
- AVAILABLE WITH FACTORY U.L.C. DS CERTIFICATION

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Fax 905 640 1437

Sales 1 888 265 5438  
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*ROUGH TERRAIN  
FORKLIFTS SINCE 1976*





# 842-G REACH



- 8,000 LBS CAPACITY
- 42 FOOT LIFT HEIGHT
- 360 DEGREE OPERATOR VISIBILITY
- ADVANCED LOAD SENSE HYDRAULIC SYSTEM
- ROPS, FOPS ERGONOMIC OPERATORS MODULE
- LOW PROFILE DESIGN

- HIGH STRENGTH BOOM ASSEMBLY
- WELDED BOX FRAME STRUCTURE
- STABLE, RESPONSIVE, PERFORMANCE
- NORTH AMERICAN MANUFACTURED

**LOAD LIFTER FEATURES DO WORK FOR YOU**

# SPECIFICATIONS

## CAPACITY

3629Kg (8000 lbs)

## DIESEL ENGINE

Make	Perkins 1104C-44T
Displacement	4.4L (269 cu.in.)
Gross H.P.	74.5 kW (99 hp)
Maximum Torque	412 Nm (304 ft.-lbs)
Rated Speed	2300 RPM

## TRANSMISSION

Type	Dana T12,000 Series
Speeds	1st – 3.7mph (5.9km/h) 2nd – 7.1 mph (11.4 km/h) 3rd – 18 mph (29.0 km/h)

## AXLES

Dana Outboard Planetary Drive System

## DRIVE SYSTEM

Full Time 4 Wheel Drive

## STEERING

2 Wheel, 4 Wheel & Crab

## BRAKES

Full Power Oil Immersed Disc Brakes

## TIRES

13.00-24 12 ply  
Lug Tread Tubeless

## HYDRAULIC SYSTEM

Pump	Load Sense System
Pump Flow	Variable Displacement Piston Pump
Steering	Full Load Sense System
Filtration	10 Micron Filter

## ELECTRICAL SYSTEM

12 Volt Negative Ground  
65 Amp Alternator  
600 cca Battery

## FLUID CAPACITIES

Cooling System	11.5 Liters (12.2 Qts.)
Engine Oil	6.8 Liters (7.2 Qts.)
Fuel Tank	134 Liters (35 Gal)
Hydraulic Tank	169 Liters (44 Gal)
Transmission	12.9 Liters (3.4 Gal)
Axle Individual Hub	1.4 Liters (0.37 Gal)
Center Housing Front	6.7 Liters (1.75 Gal)
Center Housing Rear	7.7 Liters (2.0 Gal)

## DIMENSIONS

Overall Length (Less Forks)	554 cm (218 in.)
Overall Width	258 cm (101.5 in)
Wheelbase	317.5 cm (125 in)
Height (top of canopy)	226 cm (89 in)
Ground Clearance	40 cm (15.75 in)
Outside Turning Radius	419cm (165 in)

## FRAME

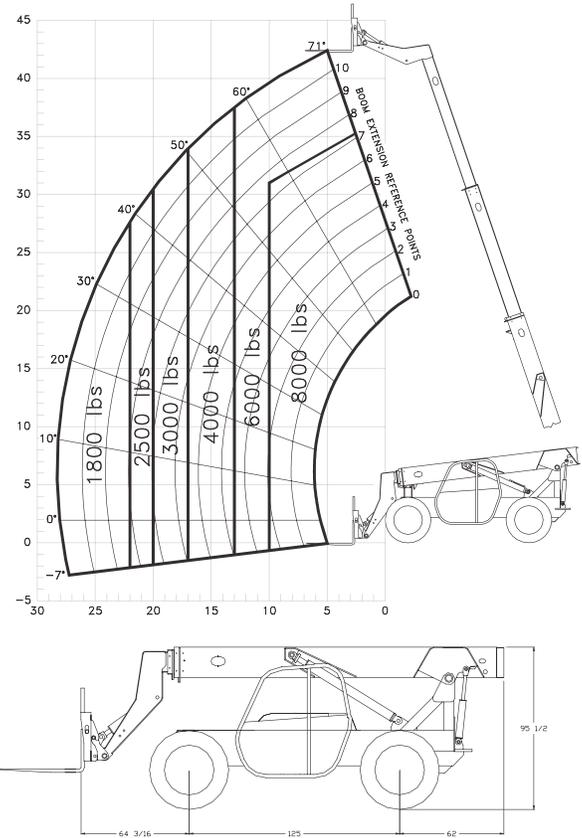
Hydraulic Load Leveler Frame Boom	High Tensile Steel Box Frame Structure 22° Frame Leveling Welded Box Construction, High Strength, Low Alloy Steel
Type	3 Section Slider
Load Bearing Material	Nylatron wear pads
Max. reach (Boom Level)	8.6m (28'2") face of tires to load center
Reach (ground level)	8.5m (27'11")face of tires to load center
Boom extend speed	15.8s
Boom retract speed	11s
Boom raise	7.5s
Boom Lower	86cm (2'10")
Max reach below grade	

## CARRIAGE

Tilt Forward	121.9cm (48") SHAFT
Tilt Back	22°
Forks	8°
Automatic Self Leveling	5.1cm x 12.7cm x 121.9cm (2"x 5"x 48") Manual Override

## SHIPPING WEIGHT

10,660kg (23,500 lbs)



## STANDARD EQUIPMENT

- Safety start
- LED instrument display
  - Engine temperature
  - Engine oil pressure
  - Fuel level
  - Coolant temperature
- Backup alarm
- Block heater, 110V
- Single 600 cca battery
- Dry type air cleaner
- Antifreeze -40°C
- Operating lights
- Tool box
- 1300-24 12 ply tubeless tires
- Chain tie downs
- Frame level indicator
- Parking brake
- Adjustable suspension seat
- Seat belt
- Right side mirror
- Overhead canopy
- Reach "Pro-Attach" system
- 48" Masonry carriage

## OPTIONAL EQUIPMENT

- All steel cab c/w Front and rear wipers, heater and RHS slider window
- Truss jib
- Utility bucket
- Concrete hopper
- Snow blade
- Side tilting carriage
- Fenders
- Compressor c/w aux outlet
- Various width Carriages
- Defrost fan
- Vandalism protection
- Transmission disconnect
- Air ride seat
- Turn signals
- Matched set padlocks
- Dual 600 cca batteries
- 15.5 x 25 12 Ply Tires
- 440/80R/24 IT520 Tires

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**LOAD LIFTER**  
MANUFACTURING LTD

# FEATURES & BENEFITS

## REACH 842-G

- 8,000 lbs CAPACITY
- 42 FOOT LIFT HEIGHT
- 28 FOOT 3 INCHES MAXIMUM REACH
- 6,000 LBS TO 42 FEET
- LOW PROFILE DESIGN
- 360 DEGREE OPERATOR VISIBILITY
- C-THRU REAR TOWER DESIGN
- MID MOUNT POWERTRAIN
- OUTBOARD PLANETARY DRIVE AXLES
- OIL IMMERSED DISC BRAKES
- FAIL SAFE BRAKE
- ADVANCED LOAD SENSE HYDRAULIC SYSTEM
- ROPS, FOPS ERGONOMIC OPERATORS MODULE
- LARGE, COMFORTABLE SEATING AREA
- SUSPENSION SEAT
- TILT STEERING
- L.E.D. INSTRUMENT CLUSTER
- TOOL BOX
- SINGLE JOYSTICK CONTROL
- HIGH STRENGTH 3 SECTION BOOM ASSEMBLY
- WELDED BOX FRAME STRUCTURE
- STABLE, RESPONSIVE JOB SITE PERFORMANCE
- AVAILABLE CAB C/W TINTED SAFETY GLASS, HEATER, DEFROSTER, SWING OUT SIDE WINDOW, RIGHT HAND SLIDER WINDOW, CONVENIENT SWITCHES AND CONTROLS
- POWDER COATED COMPONENTS
- NORTH AMERICAN MANUFACTURED

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*ROUGH TERRAIN  
FORKLIFTS SINCE 1976*





# 4400-F SERIES



- 10-16,000 LB CAPACITY RANGE
- FULL TIME FOUR WHEEL DRIVE
- THREE AVAILABLE STEERING MODES
- OUTBOARD PLANETARY DRIVE AXLES
- OIL IMMERSED DISC BRAKES
- HEAVY DUTY POWERSHIFT TRANSMISSION
- FOUR CYLINDER TURBOCHARGED EPA COMPLIANT ENGINE
- RESPONSIVE HYDRAULICS
- HEAVY DUTY RANGE OF C-THRU ROLLER MASTS
- FULL RANGE OF ATTACHMENTS
- ISOLATED ROOMY OPERATORS MODULE
- SUPERIOR OPERATOR VISIBILITY

*Model 4414-12F  
complete with individual  
control fork positioner*



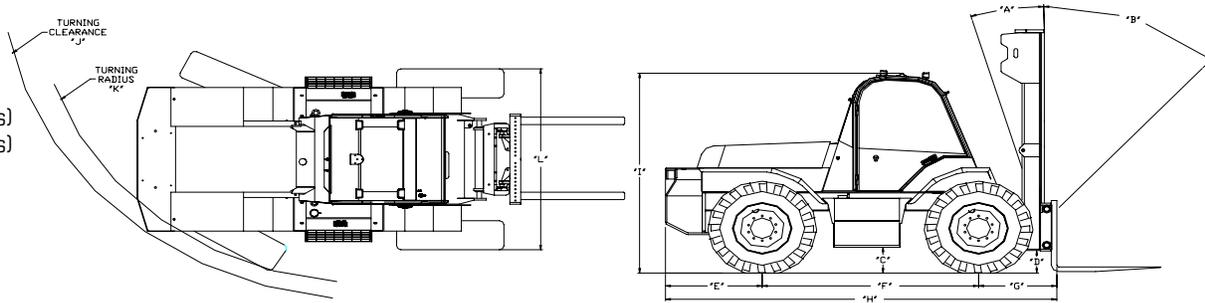
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## MACHINE APROX. WEIGHTS

10,000 LB - 8,596 Kg (18,950 lbs)  
 12,000 LB - 9,253 Kg (20,400 lbs)  
 14,000 LB - 10,228 Kg (22,550 lbs)  
 16,000 LB - 11,090 Kg (24,450 lbs)

## MACHINE DIMENSIONS

A (Tilt Back) 14°  
 B (Tilt Forward) 24°  
 C (Machine Ground Clearance) 13"  
 D (Mast Ground Clearance) 14"  
 E (Counterweight Overhang) 47"  
 F (Wheelbase) 100"  
 G (C/V Drive Axle to Face of Forks) 36"  
 H (Overall Length to Face of Forks) 181"  
 I (Overall Height Top of Canopy) 107"  
 J (Turning Clearance) 152"  
 K (Turning Radius) 140"  
 L (Overall Width) 96"



## ELECTRICAL SYSTEM

Volts	12
Alternator	85 Amp.
Instrumentation	Full LED Display

## ENGINE

	10K to 12K	14K to 16K
Make	Perkins 1104D-44T Turbo Diesel	Perkins 1104D-E44TA Turbo
Displacement	4.4 Litres (268.5 cu. In.)	4.4 Litres (268.5 cu. In.)
Gross B.H.P.	73.82 KW. ( 99.9 H.P.)	96 KW. ( 129 H.P.)
Maximum Torque	392 N.m. (290 ft. lbs.)	516 N.m. (381.8 ft. lbs.)
Rated Speed	2300 r.p.m.	2200 r.p.m.

## FLUID CAPACITIES

Cooling System	11.5 Litres (12.2 Qts.)
Engine Oil	6.8 Litres (7.2 Qts.)
Fuel Tank	159 Litres (42 Gal.)
Hydraulic Tank	141 Litres (37.2 Gal.)
Transmission	18.9 Litres (20 Qts.)
Axle	Individual Hub Center Housing Front Center Housing Rear
	1.9 Litres (2 Qts.) 16 Litres (16.9 Qts.) 15 Litres (15.9 Qts.)

## TRANSMISSION

Type	3F/3R Speed 20,000 Series Powershift
Speeds	1 4.3 km (2.7 mph) 2 10.0 km (6.2 mph) 3 29.5 km (18.3 mph)

## BRAKE

Hydraulic Power Oil Immersed disc brakes

## HYDRAULIC SYSTEM

Pump	Gear Type System
Filter	Full Load Sense Steering Circuit 25 Micron Replaceable Element
Modular Control Valve c/w Tilt Lock System	

## AXLES

Drive/Steer	Clark Outboard Planetary 4 wheel drive
-------------	-------------------------------------------

## TIRES

Drive/Steer	10K to 12K	15.5 x 25 - 12 ply
Drive/Steer	14K to 16K	15.5R x 25 Radial

## STANDARD EQUIPMENT

- 3F/3R Speed 20,000 Series Transmission
- Electric Column Shift
- Tilt & Telescopic Steering Console
- Hydrostatic Power Load Sense Steering
- Safety Start
- Dry Type Air Cleaner
- Retractable Seat Belt
- Height Adjustable Seat c/w Arm Rests
- LED Instrument Display
- Engine Temp
- Fuel Level
- Water Temp
- Power Brakes
- Hour meter
- Circuit Breakers
- Block Heater
- Heavy Duty Battery
- Anti Freeze -40°C
- Horn
- Four Work Lights
- Directional signals
- Marker lights
- Reverse lights
- Brake lights
- Overhead F.O.P.S. Canopy
- Transmission De Clutch
- 14' C-Thru Mast
- 60" Shaft Carriage
- 48" Forks

## OPTIONAL EQUIPMENT

- 3F/3R Speed 24,000 Series Transmission
- Air Ride Swivel Seat
- Suspension Seats
- Cold Weather Package
- Murphy Shutdown Systems
- Exhaust Purifier
- High Air Intake
- Cyclonic Pre-Cleaner
- Lift Circuit Cushion Accumulator
- Pintle Hook
- 140 hp Turbo Engine
- Snow Blade
- Marine Negative Masts
- Hydraulic Bucket
- R.O.P.S. & F.O.P.S Cabs+
- Air Conditioning
- Mirrors
- Windshield Washer Kit
- Fork Positioner
- Load Grapple
- Full Range of Attachments

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# 4400 F SERIES



MODEL 4414-20F COMPLETE WITH 2 STAGE HYDRAULIC PIPE CLAMP SHOWN

- 18-20,000 LB CAPACITY RANGE
- FULL TIME FOUR WHEEL DRIVE
- OUTBOARD PLANETARY DRIVE AXLES
- OIL IMMERSED DISC BRAKES
- HEAVY DUTY POWERSHIFT TRANSMISSION
- SIX CYLINDER EPA COMPLIANT ENGINE
- MODULAR COOLING SYSTEM
- HEAVY DUTY C-THRU ROLLER MASTS
- ISOLATED ROOMY OPERATORS MODULE
- CERTIFIED FOPS ROPS STRUCTURE
- SUPERIOR OPERATOR VISIBILITY



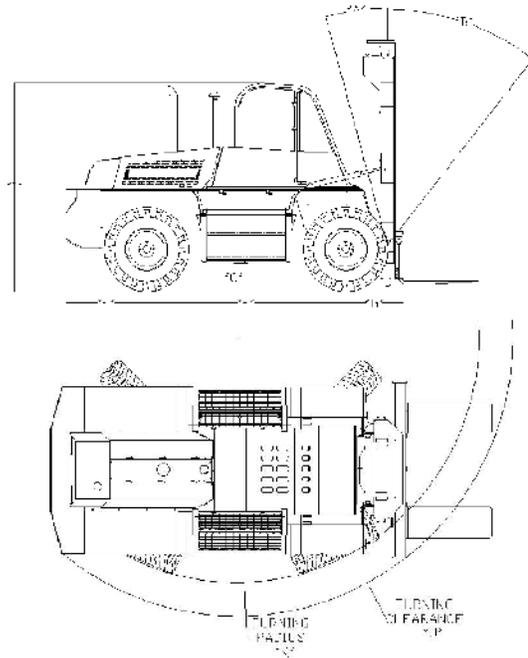
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## MACHINE APROX. WEIGHTS

20,000 LB- 15,818 Kg (34,800 lbs)  
18,000 LB- 14,969 Kg (33,000 lbs)

## MACHINE DIMENSIONS

A (Tilt Back) 14°  
B (Tilt Forward) 18°  
C (Machine Ground Clearance) 15"  
D (Mast Ground Clearance) 14"  
E (Counterweight Overhang) 49"  
F (Wheelbase) 125"  
G (C/L Drive Axle to Face of Forks) 40<sup>5</sup>/<sub>8</sub>"  
H (Overall Length to Face of Forks) 209"  
I (Overall Height Top of Cab) 124"  
J (Turning Clearance) 212"  
K (Turning Radius) 192<sup>1</sup>/<sub>2</sub>"  
L (Overall Width) 102"



## ENGINE

Make Perkins 1106D-E66TA Turbo Diesel  
Displacement 6.6 Litres (403 cu. in.)  
Gross B.H.P. 129.8 KW (174 H.P.)  
Maximum Torque 683 N.m. (505.4 ft. lbs.)  
Rated Speed 2200 r.p.m.

## TRANSMISSION

Type 4F/3R Speed 24,000 Series Powershift  
Speeds  
1 4.2 km (2.6 mph)  
2 9 km (5.6 mph)  
3 20 km (12.5 mph)  
4 27 km (17 mph)

## HYDRAULIC SYSTEM

Pump Tandem Gear Type System  
Full Load Sense Steering Circuit  
Modular Control Valve c/w Tilt Lock System

## ELECTRICAL SYSTEM

Volts 12  
Alternator 85 amp.

## FLUID CAPACITIES

Cooling System 15.5 litres / 12.2 Quarts  
Engine Oil 15.1 litres / 16 Quarts  
Fuel 100 litres / 26.4 U.S. Gal.  
Hydraulic Oil 215 litres / 56.8 U.S. Gal.

## BRAKE

Hydraulic Power Oil Immersed disc brakes

## AXLES

Drive/Steer Clark Outboard  
Planetary 4 wheel drive

## TIRES

Drive/Steer 17.5R x 25

## STANDARD EQUIPMENT

- 4F/3R Speed 24,000 Series Transmission
- Electric Column Shift
- Tilt & Telescopic Steering Console
- Hydrostatic Power Load Sense Steering
- Safety Start
- Dry Type Air Cleaner
- Retractable Seat Belts
- Height Adjustable Seat c/w Arm Rests
- LED Instrument Display
- Engine Temp
- Engine Oil Pressure
- Fuel Level
- Water Temp
- Engine Oil Pressure
- Fuel Level
- Water Temp.
- Power Brakes
- Murphy Powerview Display
- R.O.P.S. / F.O.P.S. Cab
- Hour meter
- Circuit Breakers
- Block Heater
- Heavy Duty Battery
- Anti Freeze -40°C
- Horn
- Four Work Lights
- Directional signals

- Marker lights
- Reverse lights
- Brake lights
- Transmission De Clutch
- 14" C-Thru Mast
- 60" Shaft Carriage
- 48" Forks

## OPTIONAL EQUIPMENT

- 32,000 Series Transmission
- Air Ride Swivel Seat
- Cold Weather Package
- Murphy Shutdown Systems
- Exhaust Purifier
- High Air Intake
- Cyclonic Pre-Cleaner
- Lift Circuit Cushion Accumulator
- Pintle Hook
- Fork Positioner
- Load Grapple
- Hydraulic Bucket
- Full Range of Attachments
- Marine Negative Masts

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**LOAD LIFTER**  
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# FEATURES & BENEFITS

## 4400 SERIES

- CAPACITIES FROM 5,000 TO 30,000 LBS
- FULL TIME FOUR WHEEL DRIVE
- LARGE OPERATORS COMPARTMENT
- HIGH VISIBILITY OPERATOR SEATING POSITION
- CONVENIENT ERGONOMIC CONTROLS
- LARGE EQUAL WHEELS FOR EXCELLENT TRACTIVE EFFORT AND FLOATATION
- HIGH STRENGTH RIGID WELDED FRAME ASSEMBLY (NO ARTICULATION)
- COMPONENTIZED POWER TRAIN
- 86-225 HP DIESEL ENGINES AVAILABLE (DEPENDING ON CAPACITY RANGE)
- LARGE OUTBOARD PLANETARY DRIVE AXLES
- FULL POWER OIL IMMERSED DISC BRAKES
- THREE STEERING MODES (ALL WHEEL, REAR WHEELS ONLY, CRAB)
- STANDARD THREE SPEED FULL POWER SHIFT TRANSMISSION
- FINGER TIP STEERING EVEN AT LOW ENGINE IDLE
- VERY TIGHT TURN RADIUS
- 5,000 TO 30,000 LB CAPACITY AVAILABLE
- FIVE DIFFERENT CHASSIS CONFIGURATIONS
- FULL RANGE OF C-THRU MASTS
- FULL RANGE OF ATTACHMENTS
- ROOMY WELL EQUIPPED OPTIONAL CAB ASSEMBLY
- LOW MARKET COMPETITION

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# AGRI-LIFTER SERIES



- 4 - 5,000 LB. CAPACITY
- LIMITED SLIP DIFFERENTIAL
- OIL IMMERSED MULTIPLE WET DISC BRAKES
- INDEPENDENT LEFT & RIGHT BRAKE PEDALS
- HEAVY DUTY STEER AXLE
- AVAILABLE C-THRU ROLLER MASTS
- COMPONENTIZED POWER TRAIN
- ROOMY OPERATORS COMPARTMENT
- HIGH GROUND CLEARANCE
- FULL RANGE OF FLOTATION TIRES
- AVAILABLE FOUR WHEEL DRIVE



*Optional flotation tires and 4WD model shown*

**DESIGNED AND BUILT FOR TODAY'S SOD GROWER.**

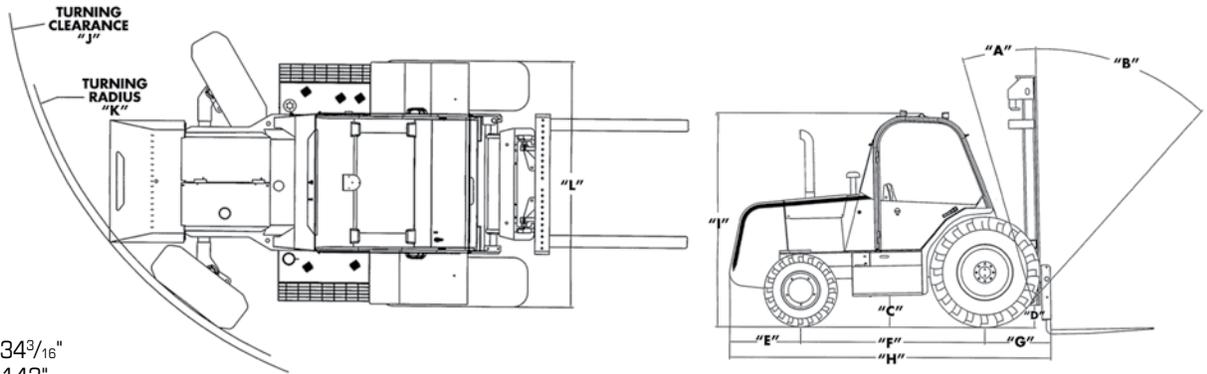
# SPECIFICATIONS

## MACHINE APROX. WEIGHTS

4,000 lb - 4808 kg (10,600 lbs)  
5,000 lb - 5058 kg (11,150 lbs)

## MACHINE DIMENSIONS

A (Tilt Back) 14"  
B (Tilt Forward) 24"  
C (Machine Ground Clearance) 15"  
D (Mast Ground Clearance) 12"  
E (Counterweight Overhang) 25<sup>3</sup>/<sub>4</sub>"  
F (Wheelbase) 83"  
G (C/L Drive Axle to Face of Forks) 34<sup>3</sup>/<sub>16</sub>"  
H (Overall Length to Face of Forks) 143"  
I (Overall Height Top of Canopy) 97"  
J (Turning Clearance) 2WD 168", 4WD 179"  
K (Turning Radius) 2WD 164", 4WD 175"  
L (Overall Width) 84"



## ENGINE

Make Perkins 1104D-44T Turbo Diesel  
Displacement 4.40 Litres (268 cu. in.)  
Gross H.P. 73.82 KW. (99 H.P.)  
Maximum Torque 302 N.m. (223 ft. lbs.)  
Rated Speed 2400 r.p.m.

## TRANSMISSION

Type 4 Speed Synchromesh with Power Reverser & Torque Converter  
Speeds  
1 4.6 km (2.9 mph)  
2 9.6 km (6.0 mph)  
3 17.6 km (11 mph)  
4 29.6 km (19 mph)

## HYDRAULIC SYSTEM

Pump Gear Type System c/w Load Sense Steering Circuit  
Filter 25 Micron Replaceable Element  
Modular Control Valve c/w Tilt Lock System

## ELECTRICAL SYSTEM

Volts 12  
Alternator 85 Amp.  
Instrumentation Full LED Display

## STANDARD EQUIPMENT

- 6" Mast Side Shift
- 4 Speed Synchromesh Transmission
- Power Reverser
- Electric Column Shift
- Tilt & Telescopic Steering Console
- Hydrostatic Power Load Sense Steering
- Drive Axle Mechanical Differential Lock
- Safety Start
- Dry Type Air Cleaner
- Retractable Seat Belts
- Height Adjustable Seat
- LED Instrument Display
  - Engine Temp.
  - Engine Oil Pressure
  - Fuel Level • Water Temp.
- Overhead F.O.P.S. Canopy
- Hour Meter
- Circuit Breakers
- Block Heater
- Manifold Heater
- Heavy Duty Battery
- Anti Freeze -40
- Horn
- Four Work Lights
- Transmission De Clutch
- 14 foot C-Thru Mast
- 48" Shaft Carriage
- 1<sup>1</sup>/<sub>2</sub> x 4 x 48" Shaft Forks

## FLUID CAPACITIES

Cooling System	11.5 litres / 12.2 Quarts
Engine Oil	6.8 litres / 7.2 Quarts
Fuel	100 litres / 26.4 U.S. Gal.
Hydraulic Oil	85 litres / 22.5 U.S. Gal.
Transmission Oil	21.4 litres / 22.2 Quarts

## BRAKES

Service Mechanical Multiple Wet Disc (right and left hand braking ability)  
Parking Manual External Disc on Transmission

## AXLES

Drive Heavy Duty Inboard Planetary Drive  
Steer 2 WD Large 5" x 3" Solid Beam c/w Large Tapered Roller Bearing Spindle Wheel Ends  
Steer 4 WD High Strength Cast Steel Housing c/w Planetary Drive Wheel Ends and 50° Lock Angle

## TIRES

Drive	2WD & 4WD	16.9 x 24 - 10 ply lug
Steer	2WD	11:00 x 16 12 ply
	4WD	14 x 17.5 10 ply lug

## OPTIONAL EQUIPMENT

- "Smart Shift" Full Powershift Transmission
- Turbo Charged Engine
- All Steel Ergonomic Cab Assembly
- Mirrors
- Windshield Washer Kit
- Air Conditioning
- Suspension Seats
- Cold Weather Package
- Vandalism Package
- Murphy Shutdown Systems
- Rear Tire Fenders
- Full Width Front Fenders
- Wide Range of Flotation Tires
- Exhaust Purifier
- High Air Intake
- Cyclonic Pre-Cleaner
- Power Brakes
- Lift Circuit Cushion Accumulator
- Fork Positioner
- Load Grapple
- Hydraulic Bucket
- Full Range of Attachments

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# FEATURES & BENEFITS

## AGRI LIFTER SERIES

- INDUSTRY LEADING VISIBILITY AND SIGHT LINES
- LARGE OPERATORS COMPARTMENT
- EXCELLENT OPERATOR ACCESS ON AND OFF MACHINE
- ADJUSTABLE TILT STEERING COLUMN
- SOLID STATE, L.E.D. INSTRUMENT CLUSTER
- ADJUSTABLE SEAT HEIGHT FROM THE OPERATORS POSITION
- FAST, RESPONSIVE HYDRAULIC CONTROLS
- FINGER TIP STEERING EVEN AT LOW ENGINE IDLE
- COMPONENTIZED POWER TRAIN
- DIFFERENTIAL LOCK IS STANDARD
- OIL IMMERSED DISC BRAKES
- INDEPENDENT LEFT & RIGHT BRAKE PEDALS
- QUIETER OPERATION DUE TO INCREASED INSULATION AND ANTI-VIBRATION TECHNOLOGY
- EXTREMELY TIGHT TURN RADIUS
- HEAVY DUTY STEER AXLE C/W TAPERED ROLLER BEARINGS AND OVERSIZE HUBS AND SPINDLES
- AVAILABLE IN TWO & FOUR WHEEL DRIVE
- FULL RANGE OF C-THRU MASTS
- 4,000 OR 5,000 LB CAPACITY
- ROOMY WELL EQUIPPED OPTIONAL CAB ASSEMBLY
- POWDER COATED FOR A TRUE LIFE TIME FINISH
- LIGHTWEIGHT SOLID DESIGN
- LOW GROUND PRESSURE FOR DAMAGE FREE TURF
- FULL RANGE OF FLOATATION TIRES
- AVAILABLE BIG ROLL CARRIAGE

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# LABORER SERIES



- 6-8,000 LBS CAPACITY
- RUGGED, MANUEVERABLE COMPACT DESIGN
- LIFT HEIGHTS TO 18 FEET
- HIGH VISIBILITY, ALL ROLLER MASTS
- FULL RANGE OF ATTACHMENTS
- COMPONENTISED POWER TRAIN
- EPA COMPLIANT DIESEL ENGINE
- HEAVY DUTY OUTBOARD PLANETARY DRIVE AXLE
- HYDRAULIC OIL IMMERSED DISC BRAKES
- FOUR SPEED TRANSMISSION
- HEAVY DUTY STEER AXLE
- AVAILABLE FOUR WHEEL DRIVE
- ISOLATED OPERATORS MODULE
- ERGONOMIC CONTROLS



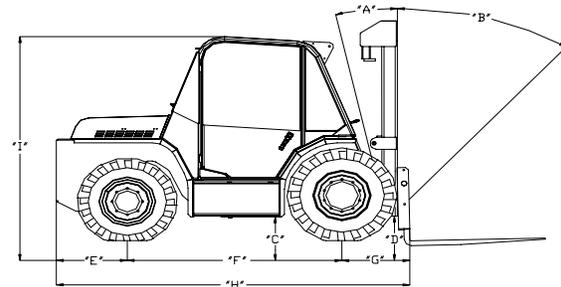
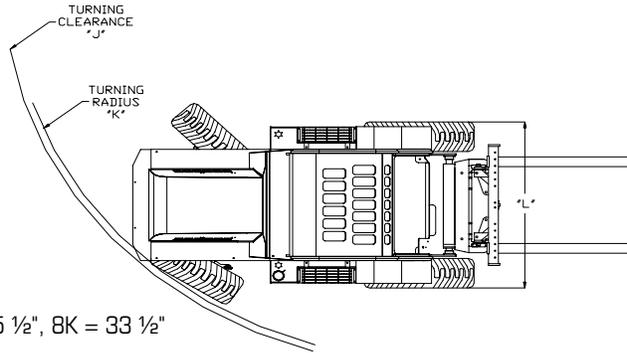
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## MACHINE APROX. WEIGHTS

6000 lb – 2722 kg (11,240 lbs)  
8000 lb – 5629 kg (13,640 lbs)

## MACHINE DIMENSIONS

A (Tilt Back) 14°  
B (Tilt Forward) 20°  
C (Machine Ground Clearance) 9"  
D (Mast Ground Clearance) 10"  
E (Counterweight Overhang) 6K = 25 ½", 8K = 33 ½"  
F (Wheelbase) 76"  
G (C/L Drive Axle to Face of Forks) 6K = 25 ¼", 8K = 26 ¼"  
H (Overall Length to Face of Forks) 6K = 126 ¾", 8K = 134 ¾"  
I (Overall Height Top of Canopy) 84 ½"  
J (Turning Clearance) 6K - 2WD = 144 ½", 4WD = 159 ½"  
8K - 2WD = 151", 4WD = 166"  
K (Turning Radius) 2WD = 143", 4WD = 158"  
L (Overall Width) 6K = 68", 8K = 73 ¾"



## ENGINE

Make Cummins 3.3 C65 Tier-4i Diesel  
Displacement 3.3 Litres (201 cu. in.)  
Gross H.P. 48.5 KW. (65 H.P.)  
Maximum Torque 215 N.m. (158 ft. lbs.)  
Rated Speed 2600 r.p.m.

## TRANSMISSION

TYPE 4 Speed Synchromesh with  
Power Reverser & Torque Converter  
SPEEDS  
1 4.9 km (3.0 mph)  
2 7.9 km (4.9 mph)  
3 14.9 km (9.2 mph)  
4 29.6 km (19 mph)

## HYDRAULIC SYSTEM

Pump Gear Type System c/w  
Load Sense Steering Circuit  
Filter 25 Micron Replaceable Element  
Modular Control Valve c/w Tilt Lock System

## ELECTRICAL SYSTEM

Volts 12  
Alternator 60 amp.  
Instrumentation Full LED Display

## STANDARD EQUIPMENT

- 4 Speed Synchromesh Transmission
- Power Reverser
- Electric Column Shift
- Tilt & Telescopic Steering Console
- Hydrostatic Power Load Sense Steering
- Safety Start
- Two Stage Air Cleaner
- Retractable Seat Belts
- LED Instrument Display
  - Engine Temp.
  - Engine Oil Pressure
  - Fuel Level
  - Water Temp.
- Cyclonic Pre-Cleaner
- Overhead F.O.P.S. Canopy
- Hour Meter
- Circuit Breakers
- Block Heater
- Manifold Heater
- Heavy Duty Battery
- Anti Freeze -40
- Horn
- Four Work Lights
- Transmission De Clutch
- 14 foot C-Thru Mast
- 48" Carriage 5-6,000 lb
- 48" Shaft Forks
- Front & Rear Fenders

## FLUID CAPACITIES

Cooling System 9.5 litres / 10 Quarts  
Engine Oil 7.0 litres / 7.4 Quarts  
Fuel 80 litres / 21.1 U.S. Gal.  
Hydraulic Oil 65 litres / 17.2 U.S. Gal.  
Transmission Oil 21.4 litres / 22.2 Quarts

## BRAKES

Service Hydraulic Oil Immersed Wet Disc  
Parking Manual External Disc on Transmission

## AXLES

Drive Heavy Duty Outboard Planetary Drive  
Steer 2 WD Large 8" x 4" Solid Beam c/w  
Large Tapered Roller  
Bearing Spindle Wheel Ends  
Steer 4 WD High Strength Cast Steel Housing c/w  
Planetary Drive Wheel Ends and 46° Lock Angle

## TIRES

Drive 6K 12.5/80 - 18 - 14 ply lug  
8K 15 x 19.5 - 14 ply lug  
Steer 2WD 12 x 16.5 - 10 ply lug  
4WD 10.5 x 80 - 18 - 10 ply lug

## OPTIONAL EQUIPMENT

- All Steel Ergonomic Cab Assembly
- Slider Windows
- Mirrors
- Windshield Washer Kit
- Air Conditioning
- Suspension Seats
- Cold Weather Package
- Vandalism Package
- Murphy Shutdown System
- Exhaust Purifier
- High Air Intake
- Power Brakes
- Lift Circuit Cushion
- Accumulator
- Fork Positioner
- Hydraulic Bucket
- Full Range of Attachments

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# FEATURES & BENEFITS

## LABORER SERIES

- ALL NEW COMPACT RUGGED DESIGN
- AVAILABLE IN TWO & FOUR WHEEL DRIVE
- WIDTHS AS LOW AS 68 INCHES WIDE
- 6-8,000 LBS. CAPACITY
- OVERSIZE DRIVE AXLE WITH OIL IMMERSED DISC BRAKES
- HEAVY DUTY STEER AXLES
- 65 HP INTERIM TIER 4 DIESEL ENGINE
- 4 SPEED SHUTTLE TRANSMISSION
- FULLY COMPONENTISED POWER TRAIN
- HIGH VISIBILITY, ISOLATED OPERATORS MODULE
- OPTIONAL, FULLY EQUIPPED CAB MODULE
- R.O.P.S. & F.O.P.S. CERTIFIED
- ERGONOMIC CONTROLS
- TIGHT TURN RADIUS
- FULL RANGE OF ATTACHMENTS

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# ATTACHMENTS

- CUSTOM MAST DESIGNS AND LIFT HEIGHTS
- NEGATIVE LIFT MARINE MASTS
- LOAD ROTATORS
- FORK POSITIONERS
- CARRIAGE SIDE SHIFTERS
- BLOCK HANDLERS
- HYDRAULIC UTILITY BUCKETS
- MANUAL UTILITY BUCKETS
- HYDRAULIC SNOW BLADES
- MANUAL SNOW BLADES
- LOAD GRAPPLES
- LOG GRAPPLES
- PIPE CLAMPS
- LOAD CLAMPS
- ENGINEERED FORK EXTENSIONS
- FORK MOUNTED JIBS
- FORK MOUNTED CRANES
- DRUM CLAMPS
- LEVELLING CARRIAGES
- QUICK ATTACH SYSTEMS

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