



# **2200-2400 E SERIES**



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

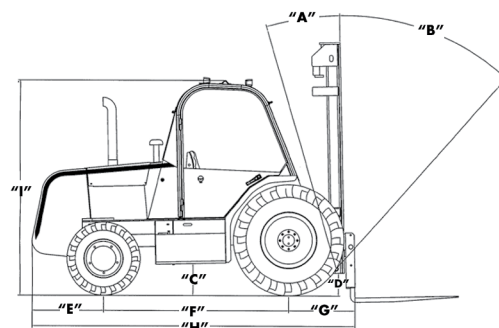
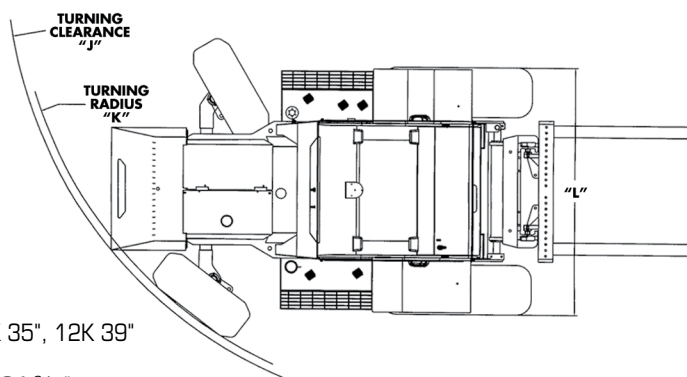
**LOAD LIFTER FEATURES DO WORK FOR YOU**

## 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 854F-E34T  
 Displacement 3.4 Litres (207.5 cu. in.)  
 Gross H.P. 74.3 H.P. (55 KW.)  
 Maximum Torque 291 NM. @ 1600 RPM (214.6 lb-ft)  
 Rated Speed 2500 RPM.

## 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 100 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
- L.E.D. INSTRUMENT DISPLAY (Hour Meter, Fuel Level, Coolant Temp, Alt, Pre Heater, Oil Pressure Gauge, Low Oil Press Warning, Trans Temp, Work Light Indicator, Park Brake, Work Light Switch)
- Overhead F.O.P.S. Canopy
- 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 - 12 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 14 ply  
 4WD All 14 x 17.5 14 ply lug

## OPTIONAL EQUIPMENT

- "Smart Shift" Full Powershift Transmission
- All Steel Ergonomic Cab Assembly
- Mirrors
- Air Conditioning
- Suspension Seats
- Cold Weather Package
- Vandalism Package
- Murphy Shutdown Systems
- Rear Tire Fenders
- Overhead R.O.P.S. Canopy
- High Air Intake
- Cyclonic Pre-Cleaner
- Power Brakes
- Lift Circuit Cushion Accumulator
- Fork Positioner
- Load Clamp
- Hydraulic Bucket
- Full Range of Attachments
- Twin Pak
- Front Fender Extensions

This information contained herein is general in nature and not intended for specific application purpose. Load Lifter reserves the right to make changes in specifications, make improvements, or discontinue manufacture at any time without notice or obligation.

## LOAD LIFTER MANUFACTURING LTD.

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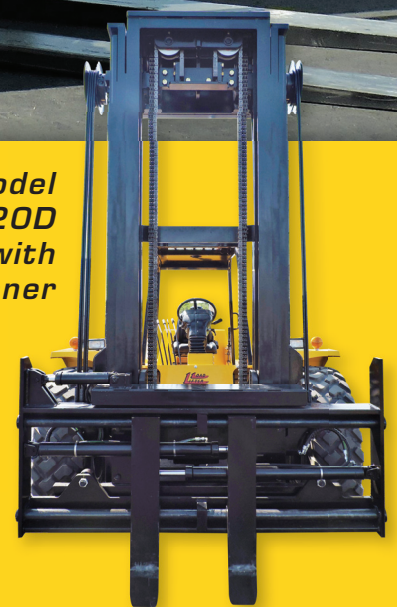


# **2200-2400 D SERIES**



- 18-20,000 LBS CAPACITY
- HIGH VISIBILITY OPERATORS COMPARTMENT
- ERGONOMIC CONTROLS
- EXCELLENT MACHINE ACCESS
- INTERNAL OIL IMMERSSED POWER DISC BRAKES
- FULL POWERSHIFT TRANSMISSION
- HEAVY DUTY C-THRU ROLLER MASTS
- AVAILABLE FOUR WHEEL DRIVE
- FULL RANGE OF ATTACHMENTS AVAILABLE

*Model  
2224-20D  
complete with  
Side Shifting Fork Positioner*



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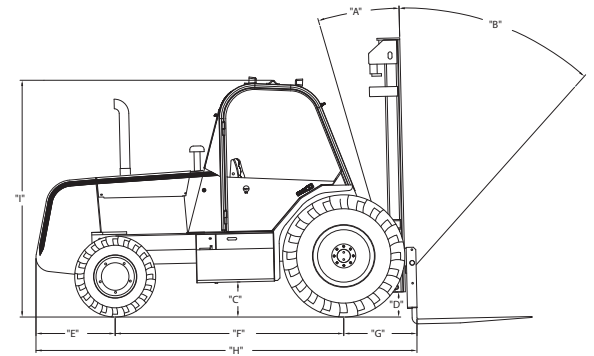
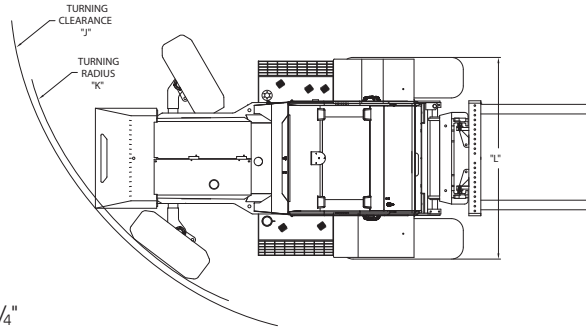
# SPECIFICATIONS

## MACHINE APPROX. WEIGHTS

18K 13,063 kg (28,800 lbs.)  
20K 14,523 kg (31,950 lbs.)

## MACHINE DIMENSIONS

A (Tilt Back) 14°  
B (Tilt Forward) 24°  
C (Machine Ground Clearance) 15"  
D (Mast Ground Clearance) 12"  
E (Counterweight Overhang) 43 3/4"  
F (Wheelbase) 108 1/2"  
G (C/L Drive Axle to Face of Forks) 42 3/4"  
H (Overall Length to Face of Forks) 192 1/2"  
I (Overall Height Top of Canopy) 101 1/2"  
J (Turning Clearance) 4WD 247 1/2"  
K (Turning Radius) 4WD 240"  
L (Overall Width) 100"



## 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 (283 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  
Filter Load Sense Steering Circuit  
Modular Control Valve c/w Tilt Lock System 25 Micron Replaceable Element

## ELECTRICAL SYSTEM

Volts 12  
Alternator 85 Amp.  
Instrumentation Full LED Display

## STANDARD EQUIPMENT

- 4 Speed "SmartShift" Full Powershift Transmission
- Fail Safe Park Brake
- Electric Column Shift
- Tilt & Telescopic Steering Console
- Hydrostatic Load Sense Power Steering
- Safety Start
- Dry Type Air Cleaner
- Retractable Seat Belt
- Height Adjustable Seat
- L.E.D. INSTRUMENT DISPLAY (Hour Meter, Fuel Level, Coolant Temp, Alt, Pre Heater, Oil Pressure Gauge, Low Oil Press Warning, Trans Temp, Work Light Indicator, Park Brake, Work Light Switch)

- Overhead F.O.P.S. Canopy
- 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.  
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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 17.5R x 25 Radial  
Steer 10.00 x 20 16 ply  
2WD 15 x 19.5 14 ply  
4WD

## OPTIONAL EQUIPMENT

- 12" Roller Side Shift
- All Steel Ergonomic Cab Assembly
- 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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