



# 642-J REACH



642-J SHOWN WITH OPTIONAL SOLID TIRES

- 6,000 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**

## CAPACITY

2722 kg (6000 lbs)

## ENGINE

Make FPT F34  
 Displacement 3.4 Litres (207.5 cu. in.)  
 Gross H.P. 74.3 H.P. (55 KW.)  
 Maximum Torque 214.6 lb-ft (291 N m. @ 1600 RPM)  
 Rated Speed 2500 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  
 100 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

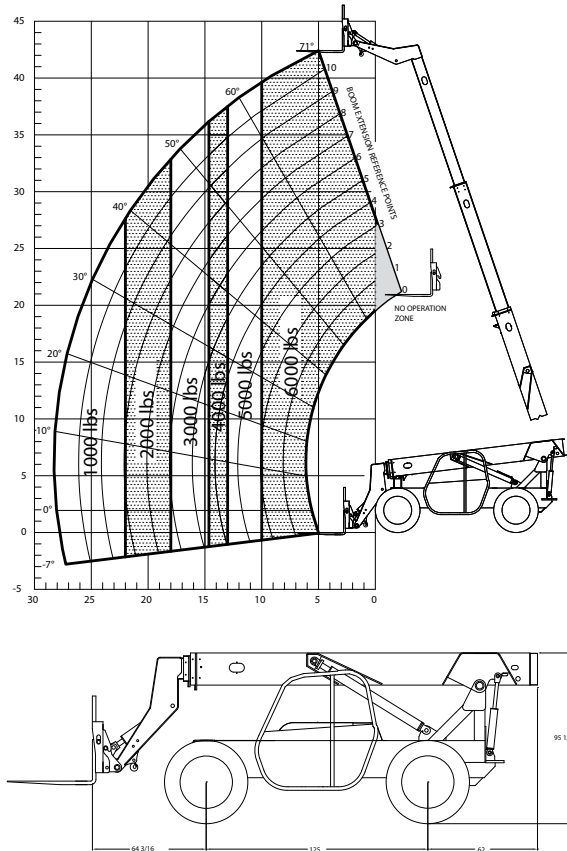
Hydraulic Load Leveler Frame High Tensile Steel Box Frame Structure  
 Boom 22° Frame Leveling  
 Welded Box Construction, High Strength, Low Alloy Steel  
 Type 3 Section Slider  
 Load Bearing Material Nylatron wear pads  
 Max. reach (Boom Level) 8.6m (28'2") face of tires to load center  
 Reach (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

121.9cm (48") SHAFT  
 Tilt Forward 22°  
 Tilt Back 8°  
 Forks 5.1cm x 12.7cm x 121.9cm(2" x 4" x 48")  
 Automatic Self Leveling Manual Override

## SHIPPING WEIGHT

9,299 kg (20,500 lbs)



## STANDARD EQUIPMENT

- Safety Start
- Digital Display
- Backup alarm
- Block Heater, 110V
- Single 1000 CC battery
- Antifreeze -40°C
- 4 Work 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
- Lifting hook

## 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
- Various width Carriages
- Defrost fan
- Vandalism protection
- Transmission disconnect
- Air ride seat
- Turn signals
- Matched set padlocks
- Dual 600 cca batteries

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.

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