



SPECIFICATION SHEET

FR SERIES

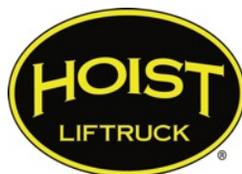
FR 15/25: 15,000 - 25,000 LBS. (7 - 11 TONNES)

FR 25/35: 25,000 - 35,000 LBS. (11 - 16 TONNES)

FR 40/60: 40,000 - 60,000 LBS. (18 - 27 TONNES)

FR 60/80: 60,000 - 80,000 LBS. (27 - 36 TONNES)

REV063015



FR SERIES: STANDARD & OPTIONAL EQUIPMENT

Operator Cab

- Meets ANSI B56.1 FOPS operator protection
- Left-hand operator position for optimal line of sight
- Rubber-mounted cab isolated from the frame to reduce noise and vibration
- Overhead guard provides safety without obstructing views
- Low, non-skid steps for safe and easy entry/exit
- Adjustable semi-suspension seat and retractable seat belts
- Onboard Load Calculator provides capacities for forks and boom for all counterweight slab variations and chassis extension positions
- Master digital display unit provides all vehicle gauges (e.g. oil temperature, fuel level)
- Engine fault code diagnostic capability
- Soft-touch hydraulic levers
- Tilt-steering column
- Spring-apply/hydraulic-release parking brake
- Hydraulic weight scale

Mast & Carriage

- Quick-Change Fork System for quick connect/disconnect of attachments
- Heavy-duty mast rails provide visibility and full capacity at maximum lift heights
- High-strength adjustable composite wear pads on boom
- Main and side thrust rollers are impact-resistant and designed to reduce friction
- Greaseable mast pivots constructed with wear-resistant bronze bushings and hardened steel pins
- Safety valve built into base of lift cylinder securely holds load in event of hose failure
- Chrome-plated cylinder rods

Power

- GM 3.0L LPG
- Electronic engine diagnostics with fault code history
- Built-in Engine protection system
- Heavy-duty isolated anti-vibration bolt-in drive line mounts
- Inboard muffler
- Heavy-duty alternator with built-in regulator
- Externally mounted charge pump and integral filter allow for easy maintenance
- O-ring face seal fittings on entire system prevent oil leaks
- Tilt-lock counterbalance valve to prevent mast drift
- Easy-access oil filter and drain for quick and easy maintenance
- Large clean-out covers on top of hydraulic tank for easy access and convenient drain plug on the bottom
- Filters are easily accessible for quick replacement
- Hydraulic multi-gauge provides quick and easy pressure readings with a twist of the dial; eliminates the need to tap into hydraulic lines
- Standard 12-volt electrical system
- Color-coded electrical wires enclosed with split-tubing wire loom wrap using sealed weather pack connectors

Strength

- Planetary drive axle rated for durability in high-capacity, high-torque applications
- Double reduction gearing for increased torque
- Precision ground, heat-treated gears

Industrial Steer Axle

- Thick top plate on welded beam steer axle provides added strength
- Highly maneuverable in tight areas
- Dual-action bolt-on cylinder is protected by heavy steel support beams and provides effortless power steering
- Lower maintenance costs due to minimal amount of moving parts
- Easy-access lubrication points
- Tapered roller bearings
- High-impact greaseable composite trunnions

Paint/Finish

- Two-part rust-inhibiting polyurethane base coat and two-part polyurethane top coat for corrosion protection
- Majority of components are powder-coated, which is up to 10 times thicker than traditional spray paint resulting in greater scratch and chip resistance
- Environmentally friendly; produces virtually no VOC's

Serviceability

- Hinged panels and hoods supported by gas shocks to reach entire drivetrain, hydraulics and filters
- Hydraulic multi-gauge provides quick and easy pressure readings with a twist of the dial, eliminating the need to tap into individual hydraulic lines
- Every component sourced from a reputable vendor or manufactured by Hoist Lifteruck providing cost savings and rapid parts availability

Optional Equipment & Features

- Remote control for all vehicle functions
- Fire extinguisher
- Single- or dual-camera/monitor packages
- Additional two-stage mast options for increased lift heights
- Side-shifting, independent fork positioner (SS/FP)
- Boom attachments: hooks, shackles, swivels and more
- Lifting ring assemblies (slides over boom for 2 pc. picks)
- Additional work lights
- "Blue Spot" Safety Light
- Hydraulic service brakes

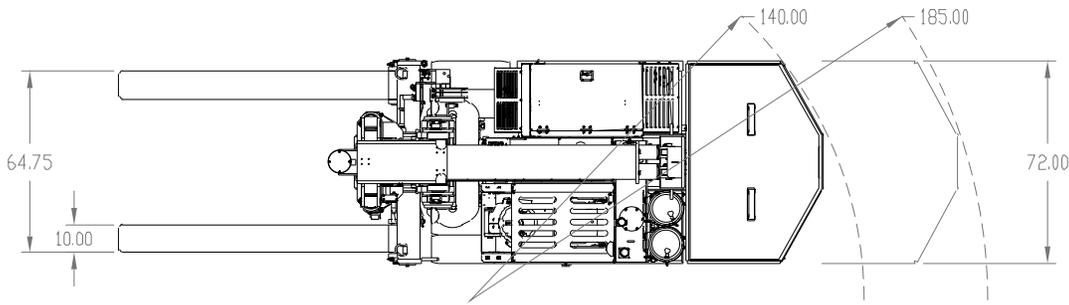
Note: Specifications in this document apply to standard equipment. Actual specifications and performance may vary depending on custom specifications, equipment condition and operating environment. Specific applications should be reviewed with a Hoist Lifteruck representative.

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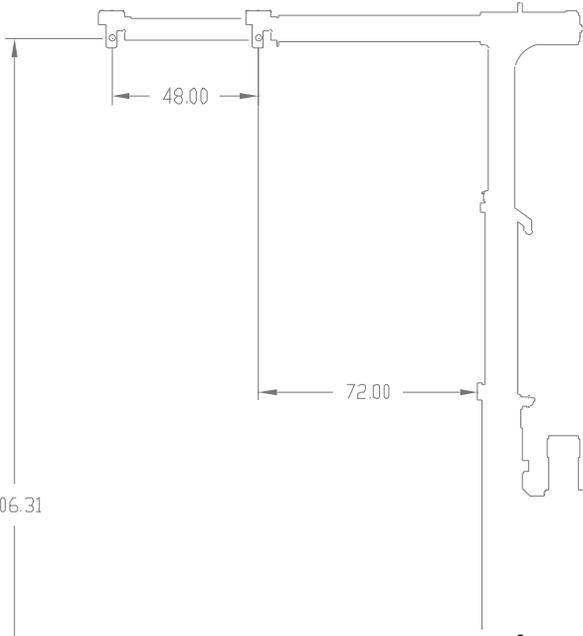


FR SERIES 40/60

40,000/60,000 LBS. (18-27 TONNES)

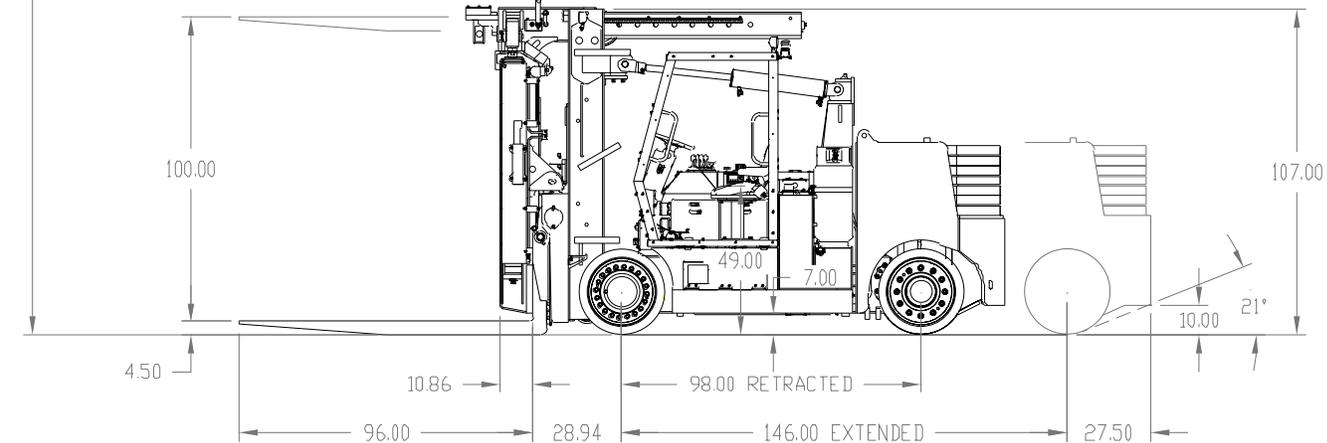


WEIGHTS - LBS (KG)	
REMOVEABLE COUNTERWEIGHT	16,240 (7,366)
BOOM	5,480 (2,486)
FORKS	3,100 (1,406)
TOTAL	58,860 (26,699)



COUNTERWEIGHT EXTENSION - in (mm)	WHEELBASE IN (MM)	LOAD CENTER IN (MM)	# OF SLABS	LIFT CAPACITY LBS (KG)
0 (0)	98 (2,500)	36 (900)	0	20,900 (9,480)
0 (0)	98 (2,500)	36 (900)	7	41,600 (18,869)
48 (1,200)	146 (3,700)	36 (900)	0	30,800 (13,971)
48 (1,200)	146 (3,700)	36 (900)	7	61,400 (27,851)

COUNTERWEIGHT EXTENSION - in (mm)	WHEELBASE IN (MM)	LOAD CENTER IN (MM)	# OF SLABS	LIFT CAPACITY LBS (KG)
0 (0)	98 (2,500)	36 (900)	0	17,400 (7,893)
0 (0)	98 (2,500)	36 (900)	7	33,600 (15,241)
48 (1,200)	146 (3,700)	36 (900)	0	25,100 (11,385)
48 (1,200)	146 (3,700)	36 (900)	7	48,100 (22,271)



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