

www.nobleliftna.com

NOBLELIFT
NORTH AMERICA

DIESEL

FTH SERIES

4WD Telehandler

5,000 - 6,000 lbs. Capacity

Diesel Pneumatic Forklift



Capacity
5000-6000lb



High
Performance



Robust
Design



Ergonomic



Highly
Cost Effective



Environment
Friendly



Easy
Maintenance

Why choose between price and quality **WHEN YOU CAN HAVE BOTH!**

HIGHLIGHTS

- ▶ On-demand fully hydrostatic power steering (FHPS)
- ▶ Quick disconnect for attachments
- ▶ Side-shift
- ▶ Multi-function LED Display: Speed, travel direction, fuel indicator, engine temp, oil pressure, odometer, hour meter, parking brake and more
- ▶ EPA Tier IV Certified
- ▶ Spacious operator cab
- ▶ Deluxe suspension seat
- ▶ Tilt steering column
- ▶ Operator Presence System (OPS) for safe operation
- ▶ Anti-rollover protection system
- ▶ Self-leveling carriage/fork system
- ▶ Excellent thermal equilibrium
- ▶ LED rear work light, headlights, strobe and a Safety Blue light
- ▶ Rear grab bar with horn



FTH SERIES

4WD Telehandler
5,000 - 6,000 lbs. Capacity
Diesel Pneumatic Forklift

The FTH Series are highly efficient, durable 4WD Diesel telehandlers. They are designed to move high volumes and big loads reliably through tight spaces and tough terrain. The mast system, boom, front/rear axles, chassis and overhead guard are engineered for extreme conditions. Applications can include forestry, disturbed surface construction sites, mining, military and agriculture. These high performance, low maintenance telehandlers deliver improved productivity while ensuring operator comfort throughout the entire shift.

TOUGH. SOLID. SMART.



Shown with optional climate controlled cab.

RELIABILITY AND SAFETY



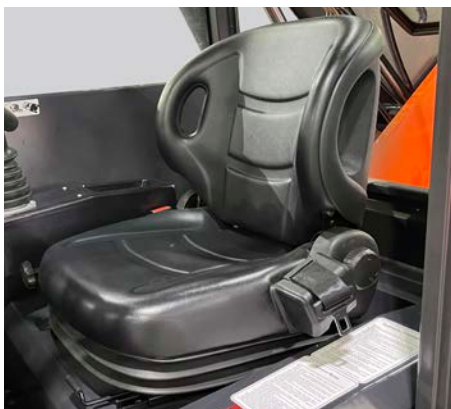
Heavy-duty steel chassis, boom, axles, mast and overhead guard deliver high strength and stability for lifting heavy loads on the toughest terrain.



VIDEO: Scan to watch how the FTH telehandler can change from a bucket attachment to a fork attachment in just one minute.



Large LED display and CAN Bus function provides truck status information: parking brake, driving direction, speed, hour meter and fault codes.



Operator Presence System (OPS) — When operator is not in seat, the hydraulic lift and tilt controls automatically lock out and traveling is disabled.



Cast axles increases the bearing load and improves the truck structure, while prolonging vehicle service life.

Self-leveling system with the carriage and forks - tilt angel within $\pm 0.5^\circ$ ensuring the safety of goods during lifting process.

Anti-rollover protection system improves operation safety.

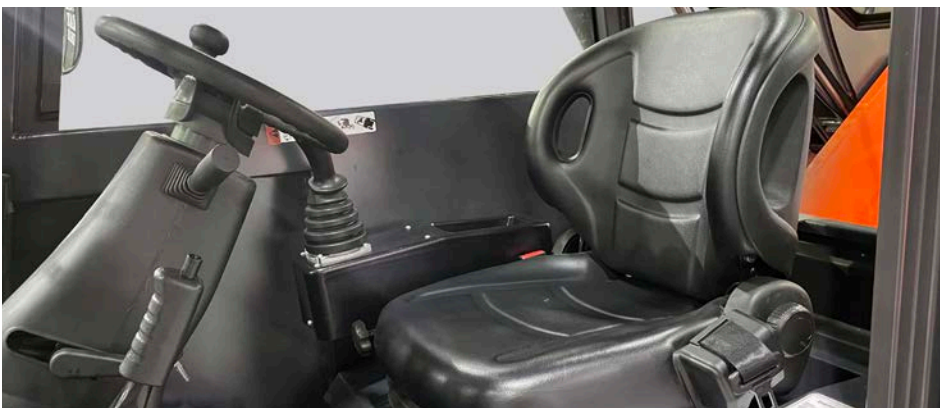
Proportional solenoid valves allow high accuracy and safety.



GREAT VISIBILITY. ERGONOMIC. QUIET.



Cab is optimized for a wide view and clear visibility while operating.



The large, ergonomic cab and user-friendly design with cushioned rubber floor mat, ensures operator comfort throughout the entire work shift. Low entrance height provides operator easy and safe access.

Deluxe suspension, fully adjustable seat reduces vibration to the driver to effectively reduce driver fatigue for all sizes of operators.



On-Demand Fully Hydrostatic Power Steering (FHPS) guarantees smooth steering, preventing over-run and kick-back. Spinner knob allows easier one-handed steering.

GREAT VISIBILITY. ERGONOMIC. QUIET.



The angle of the steering column is easily adjusted with a lever on the left-hand side of the steering column.



Equipped with LED lamps: LED rear work lights, headlights, strobe and safety blue light. Bright light with low power consumption provides excellent visibility.



Multi-functional joystick controls key vehicle functions – forward/backward travel speed, side shifting and proportional lifting and lowering.



(2) USB connectors for charging and powering of additional devices during operations.

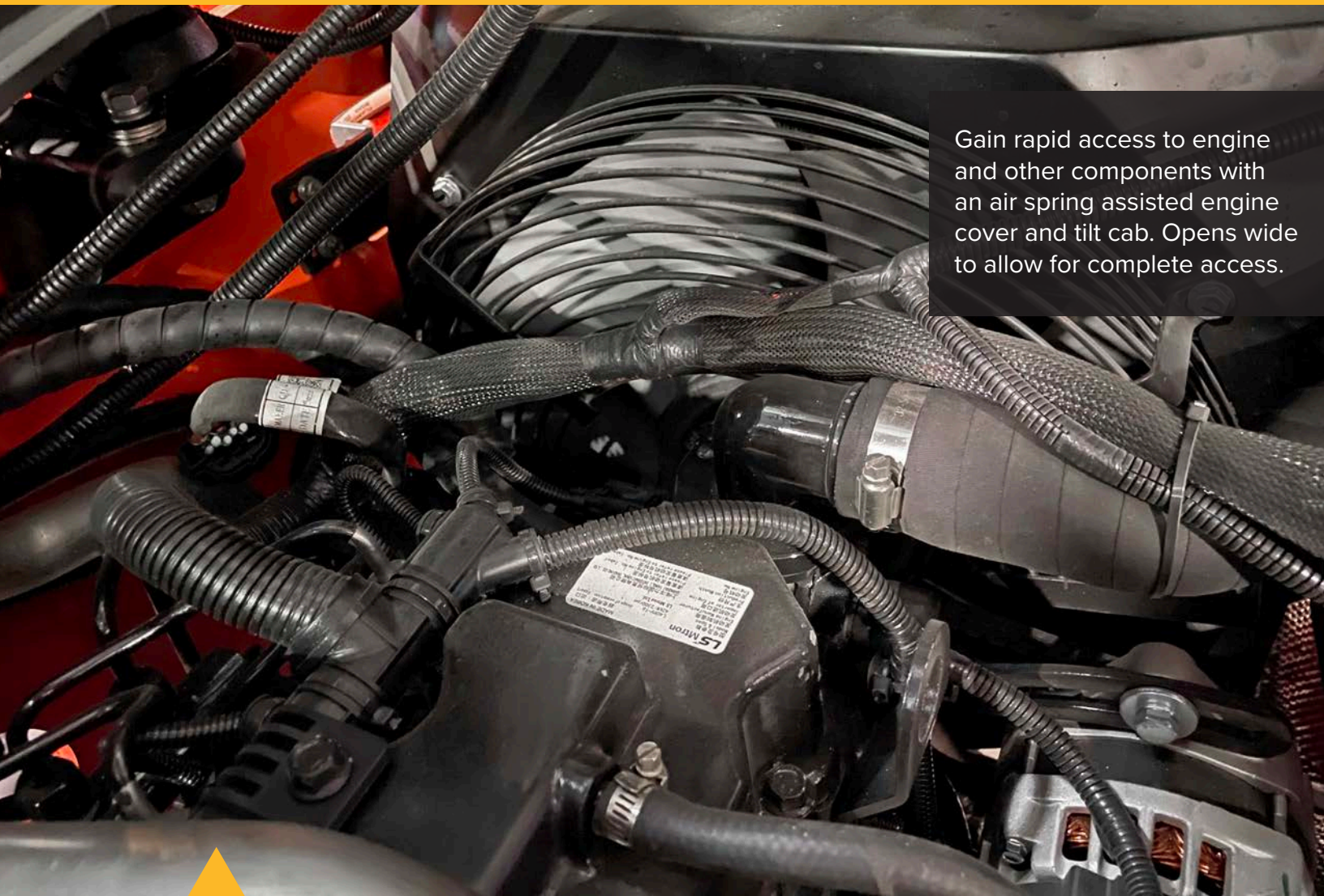


Large diameter, pneumatic tires ensure comfortable driving. Tire fender designed to prevent mud from getting in cab.



Automotive-style levers for headlights and turn signals operate like a car. Easy and intuitive operating controls shorten learning time.

EASY MAINTENANCE



Gain rapid access to engine and other components with an air spring assisted engine cover and tilt cab. Opens wide to allow for complete access.

Large engine compartment adds to easy access.

Automobile-style brake fluid system makes it simple to add and check the brake fluid.

Radiator cover fasteners are easily turned by hand to enable quick inspection or servicing.

Maintenance-free battery.

Tier IV engine fault codes make maintenance convenient.



Centrifugal pre-cleaner removes 90% of impurities, rain, debris, dust and dirt from intake air before the air reaches the filter element. This reduces engine wear, minimizes downtime and improves fuel economy.



LS Mtron Engine

56 HP/2,300 rpm

High Power Engine - LS Mtron

High performance, durability and excellent fuel efficiency.

Type: L3

Model: L4CRTV4 (EUV)

Number of cylinders: 4

Bore x Stroke: 88mm x 103mm

Displacement: 2,505 cc

Rated output: 42(56hp)/2300kw/rpm

Rated torque: 208/1600N.m/rpm

Powerful high-output engine provides excellent acceleration, gradeability and fast travel speed. The FTH Series has a minimum ground clearance of 9.65" and a turning radius of 128". This offers greater maneuverability and keeps the truck moving through the roughest of applications.



Strong Gradeability



Min. 9.65" Ground Clearance



Turning Radius 128"

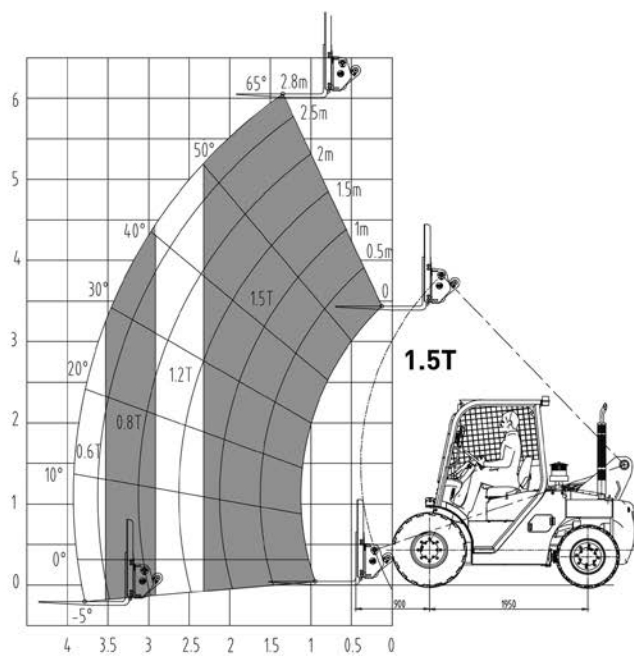
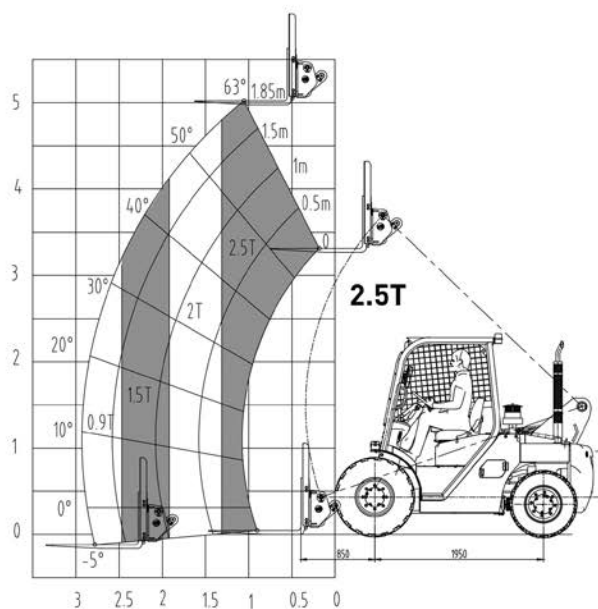
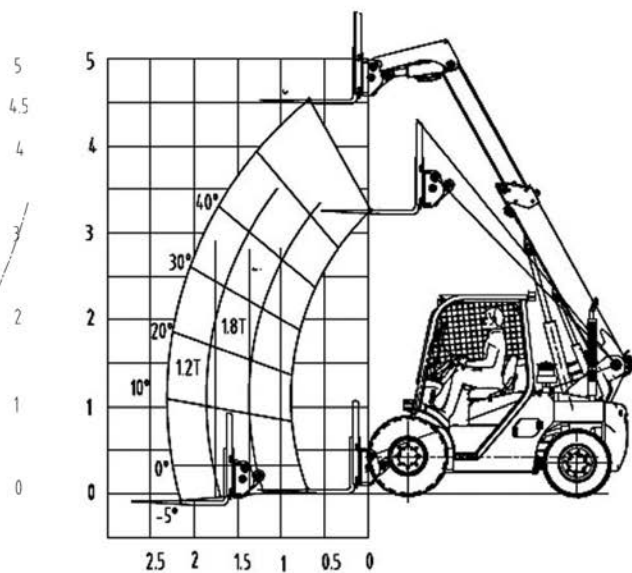
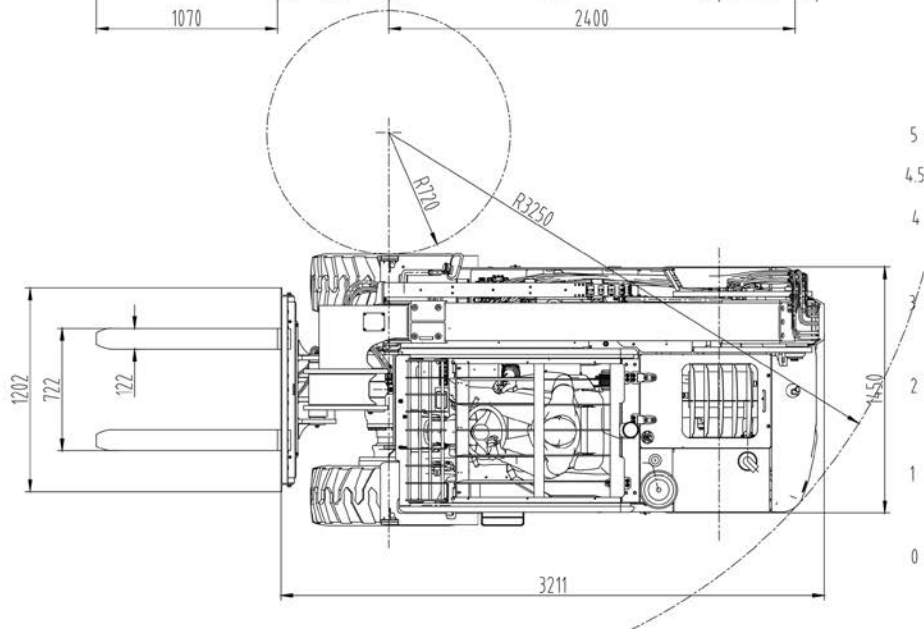
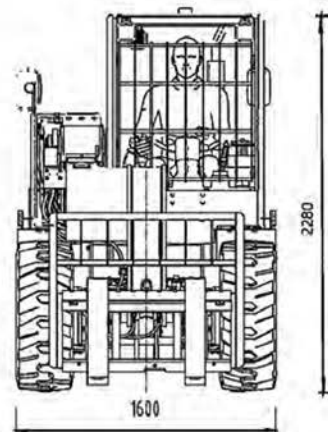
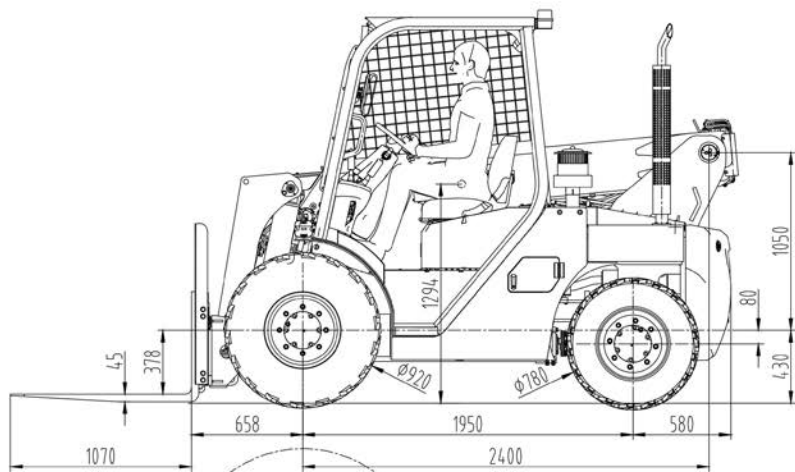
ENVIRONMENTALLY FRIENDLY



NOBLELIFT's diesel engines meet the tough EPA Tier IV Final and EU Stage V emission regulations for engine exhaust emissions.

NOBLELIFT has used environment friendly materials when possible — Including non-asbestos brake shoes and a new type of sealing gasket. We are committed to pursuing a clean environment.





Characteristics				
Manufacturer		NOBLELIFT		
Model		FTH60N-177	FTH50N-197	FTH50N-236
Drive (electric – battery or mains, diesel, petrol, gas, manual)		Diesel		
Type of operation (hand, pedestrian, standing, seated, order picker)		Seated telehandler		
Load capacity / rated load	lb	6,000	5,000	5,000
Lift capacity at maximum reach	lb	2,645	1,984	1,323
Maximum forward reach	in	90.5	114	153.5
Maximum lift height	in	177	197	236
Load center distance	in	24		
Front wheel outer diameter	in	36.2		
Gradeability (laden)	%	45		
Maximum traction	lbf	8.1		
Number of boom sections	n	2	2	3
Tires (solid rubber, superelastic, pneumatic, polyurethane)		Pneumatic		
Maximum travel speed	mph	11.2		
Optional attachment		Bucket		
Bucket discharge height	in	–	137.8	161.4
Front tire reach	in	7.9	15.7	15.7
Overall weight	lb	11,800	12,100	12,320
Dimensions				
Overall length (without forks)	in	129.9	137.8	137.8
Overall width	in	63		
Overall height	in	89.7		
Wheelbase	in	76.8		
Ground clearance	in	9.65		
Front track	in	49.2		
Cab width	in	37.8		
Turning radius	in	128		
Outrigger width (retracted)	in	216.5	224.4	228.3
Fork dimensions	in	48 x 4.4 x 1.8		
Maximum fork width	in	40.8		
Rear overhang	in	23.6		
Performance				
Boom pitch angle	deg	61/-5	63/-5	65/-5
Fork pitch angle	deg	12/74	30/100	30/100
Boom lift speed	s	8	8	9
Boom down speed	s	6	6	6
Boom extension speed	s	7	8	7
Boom retraction speed	s	5	6	5
Fork tilt speed	s	4	5	5
Fork retraction speed	s	2.5	3.3	3.3
Indoor noise	dB	95		
Outdoor noise	dB	102		
Lift speed, laden / unladen	ft/s	1.5		
Lowering speed, laden / unladen	ft/s	1.8		

NOBLELIFT reserves the right to make technical changes and improvements to our products to maintain or enhance the quality, delivery, and efficiency.

A GLOBAL LEADER

NOBLELIFT is a global leader in Lithium Technology. We manufacture more than 200 categories and around 30 series of each product. Our products are designed to meet different application demands and are well accepted by our customers in more than 100 countries and regions in Europe, America, Asia, Africa and more.

Products include: sit-down forklifts, rough terrain forklifts, narrow aisle forklifts, walkie-stackers, order pickers, electric pallet trucks, scissor lifts, tuggers, tow tractors, scrubbers, lift tables, manual pallet jacks and more.



FORKLIFTS



NARROW AISLE



STACKERS



POWERED PALLET TRUCKS



SCISSOR LIFTS



TUGGERS



SCRUBBERS

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AUTHORIZED DEALER

