

LM SERIES TELEHANDLERS

LM5.25 | LM6.28 | LM6.32 | LM7.42 Elite | LM9.35



FIVE LM MODELS, COUNTLESS APPLICATIONS

At New Holland, we listen to our customers. We understand key telehandler demands vary from those seeking a telehandler with the reach to pick up, transport and stack large bales to those who need a compact machine that will see daily use for livestock duties - and everything in between. With the LM series, New Holland has a telehandler to suit specific demands. As a guide, each model number gives a broad indication of its maximum lift height and capacity. For example, LM6.28 models lift to 6.35 m (20.8 ft) and offer a 2,800-kg (5,512 lbs) capacity, while the LM7.42 Elite operates up to 7.00 m (22.9 ft) and offers a 4,200-kg (9,259 lbs) capacity.



COMPACT BUT VERSATILE

The 75-hp LM5.25 and 101-hp LM6.28 measure just 70.8 and 79.2 inches wide respectively. With a turn radius as small as 11.2 feet, these compact handlers can operate in tight spaces. Heights of just 78 and 79.2 inches enable either machine to work in low buildings such as poultry houses. But do not think compact dimensions mean limited capacity. The LM5.25 and LM6.28 have maximum capacities of 5,512 and 6,172 pounds, and maximum lift heights of 18.9 and 20.8 feet respectively.

A SPECIFICATION TO SUIT YOUR NEEDS

New Holland offers two LM Series large-frame standard-configuration models--the LM6.32 and LM9.35. Powered by Tier4A 4.5-liter NEF engines, with a maximum power output of 121 horsepower, these telehandlers feature a 4F/3R (four forward and three reverse speed) powershift transmission. Gear selection is on the joystick, while a column-mounted power shuttle lever allows you to make convenient direction changes. A 31.7-gpm hydraulic gear pump and three-mode steering system add to the high level of performance offered. A limited slip differential is standard for the front axle. Transport speed is 25 mph. Designed for applications including material handling, yard work and stacking large bales, these affordable telehandlers are the ideal choice for broad-acre, mixed farm and contract applications.



Models		LM5.25	LM6.28	LM6.32	LM7.42 Elite	LM9.35
Max lift height	ft (m)	18.9 (5.8)	20.8 (6.4)	20.6 (6.3)	22.9 (7.0)	29.8 (9.1)
Max lift capacity	lbs (kg)	5,512 (2500)	6,172 (2800)	7,054 (3200)	9,259 (4200)	7,716 (3500)



ELITE POWER DELIVERS OPTIMUM PERFORMANCE

The LM7.42 Elite has a maximum power output of 143 horsepower. The 6F/3R powershift transmission offers automatic speed selection for speeds 4, 5 and 6, and a forward/reverse power shuttle using the main joystick. The three-mode steering system features automatic alignment. Based around a variable-displacement piston pump, the 36.9-gpm hydraulic system is operated via an armrest-mounted joystick. Offering precise proportional control with lightning-fast response, the hydraulic system makes Elite models the optimum choice for the most demanding operators. A high power-to-weight

ratio enables these machines to carry out demanding tasks such as heavy material handling. A limited-slip differential is standard on both front and rear axles. With automated gearshifts and speeds up to 25 mph. Elite telehandlers are also well suited for fast transport. These combined features make Elite telehandlers the default choice for demanding farm and contract operators, since their high power enables them to deliver exceptional performance in the most demanding applications.

SMALL IN SIZE, BIG IN PERFORMANCE

The new LM Series compact telehandlers work well in tight spaces and enable you to get the job done in hard-to-reach areas. With respective working widths of 70.8 and 79.2 inches, the 75- and 101-horsepower LM5.25 and LM6.28 have the compact dimensions to suit a wide range of applications. Offering tremendous lift height and lift capacity combined with a tight turning radius, these telehandlers are more versatile than a tractor with a loader and more efficient than a larger skid steer, so you no longer have to compromise on productivity. Especially suited for mixed farming, these compact telehandlers let you do more work in more places — and do it faster.

The 75-horsepower LM5.25 should not be taken lightly since it combines a narrow working width of 70.8 inches with a lift capacity of 5,512 lbs. (2,500 kg) and a lift height of 18.9 feet. The LM6.28 incorporates more stability and power with a working width of 79.2 inches and a 101-hp engine. With a 20.8-foot boom and a lift capacity of 6,172 pounds, the LM6.28 is able to handle all your jobs in those confined spaces.



CAB COMFORT

A spacious cab – larger than most competitive models – contradicts the compact size of these machines. With 12.3 square feet of glass on the LM5.25 and 13.4 square feet of glass on the LM6.28, 360-degree visibility comes as standard equipment. The standard air conditioning system has a large condenser that provides high levels of air flow through the five-position controlled air vents to ensure whole-body climate control in all temperatures. In order to provide additional visibility in low light conditions, a work light package including front, rear and boom lights is available on the LM5.25 and comes as standard equipment on the LM6.28.

Models		LM5.25	LM6.28
Max lift height	ft. (m)	18.9 (5.8)	20.8 (6.4)
Max lift capacity	lbs. (kg)	5,512 (2500)	6,172 (2800)
Engine rated power	hp (kW)	75 (55)	101 (74.5)

HIGH PERFORMANCE HYDRAULICS

The LM5.25 has a 21.1-gpm hydraulic pump to power it through the tasks at hand. The LM6.28 delivers up to an impressive 29.0 gpm of hydraulic flow to meet the most demanding applications.



SIMPLE, NEW CONTROLS

A newly styled instrument cluster on both models includes a tachometer and fuel gauge dials. Additionally, the central backlit LCD display lists key operating information that includes load moment indicator, instant fuel consumption and DPF filter level indicator. The new 4-in-1 joystick design offers two hydraulic and two electro-proportional control buttons for easier control of all boom functions and attachments. Forward and reverse direction controls can be added to the joystick to further enhance the ease of operation.

HYDROSTATIC DRIVE SIMPLICITY

Compact telehandlers are ideally suited for handling materials and for duties that include numerous direction changes. The LM5.25 features a single-speed hydrostatic transmission, while the LM6.28 has a dual-range transmission, both with an inching pedal. Use the single drive pedal to speed or slow the machine, with less need to operate the brakes. The inching pedal helps increase your precision and is ideal for applications such as stacking bales and handling grain.



EASY TO LOOK AFTER. BUILT TO LAST

Manufactured to exacting quality standards, New Holland compact telehandlers are really simple to look after. You can complete daily checks within a few minutes and, when a service is required, the thoughtful design makes access to filters and key components simple.



BUILT-IN VERSATILITY AND DURABILITY

GREAT MANEUVERABILITY

Among the most compact in its class, the LM5.25 is the ideal choice for operating in low buildings with narrow access. The LM5.25 has a low overall height of 76.1 inches with the standard 12.5x16.5 industrial tires and a slightly higher overall height of 78.3 inches with the larger 12x18 ag bar tires. The overall height of the LM6.28 is 80.3 inches with the standard 20-inch ag tires, or just 1.6 inches higher with the optional 24-inch ag tires. This makes these compact telehandlers low enough to get into low-clearance barns and buildings that a standard tractor with a loader or a skid steer loader may not be able to access. You can work in the field on barnyard without worry thanks to ample ground clearance—10.6 to 12.2 inches for the LM5.25 and 13.8 to 15.4 inches for the LM6.28. Steering performance further boosts the appeal of these models. You can select two-wheel, four-wheel and crab-steer modes to ensure that you can get the job done no matter what terrain or environment you encounter. Four-wheel mode delivers a short turn radius of only 11 feet for the LM5.25 and 13 feet for the wider LM6.28, allowing you to turn around in tight spaces.

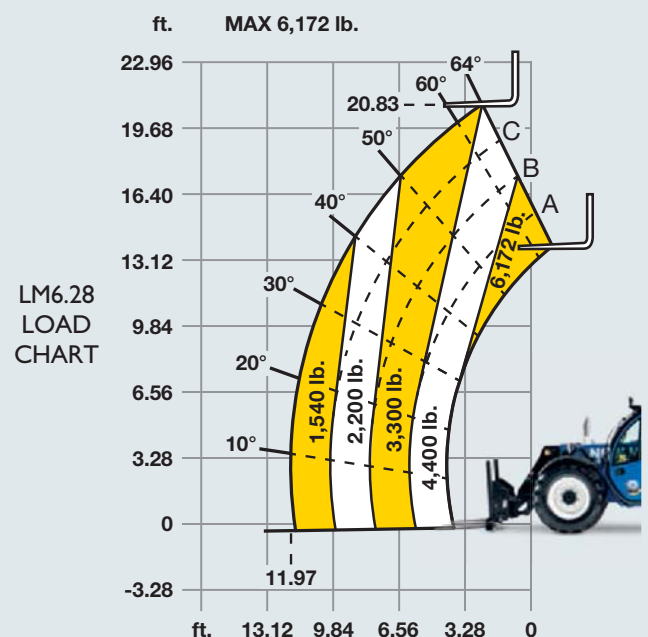
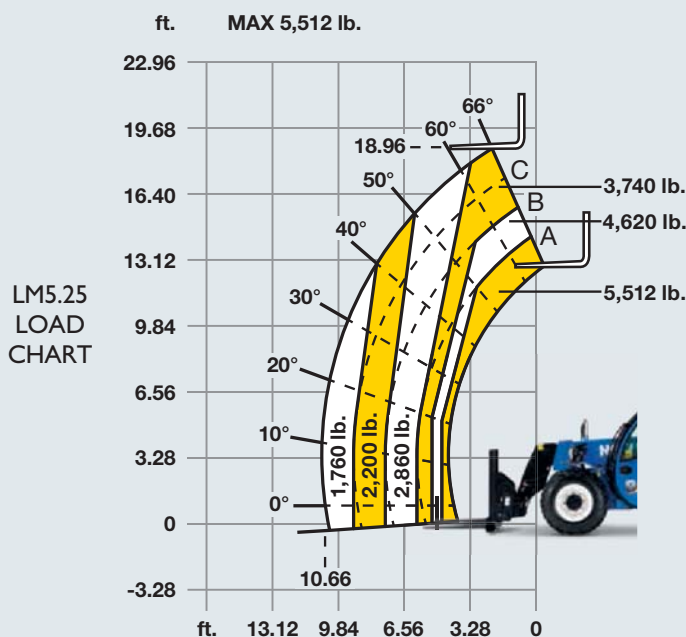
BOOMS DESIGNED FOR THE TASK AT HAND

The two-section booms on the LM5.25 and LM6.28 are designed to last, with all key components manufactured with thick, reinforced 0.6 inch (15 mm) plate steel. Total attachment rotation for the LM5.25 is 128 degrees, while attachment rotation for the LM6.28 is 147 degrees. Add the optional Smooth Ride boom suspension system to improve control and reduce boom bounce while in transport to provide a more comfortable ride. One boom mounted, double-acting hydraulic valve is standard to easily operate attachments with hydraulic requirements such as a grapple bucket. In addition, a continuous flow option is available for attachments that have hydraulic motors.

UP TO THE CHORE AND CHALLENGE

A wide range of attachments is available to fit the skid-steer-style attachment of the LM5.25 or the Manitou-style attachment of the LM6.28, including:

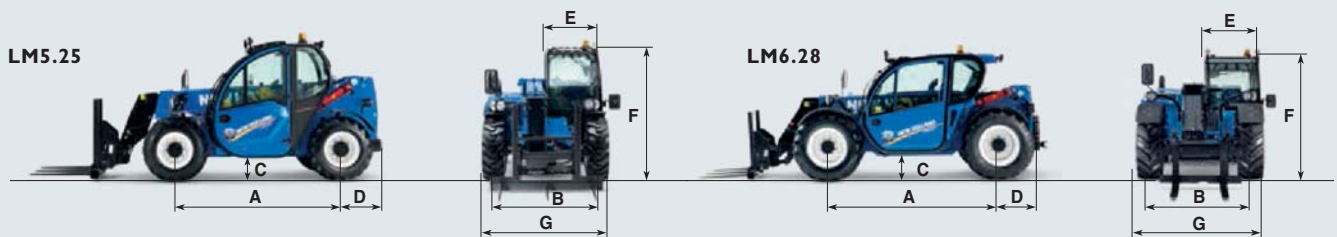
- Buckets for heavy digging or moving high volumes of loose material
- Hay handling grabs, spears, forks and grapples for bales of any size and shape
- Pallet forks for handling palletized materials
- Many other specialized skid steer or Manitou-style attachments



MODELS

		LM5.25	LM6.28
Max. lift capacity	lbs. (kg)	5,512 (2500)	6,172 (2800)
Max. lift height	ft. (m)	18.9 (5.78)	20.8 (6.35)
Boom suspension			
Smooth Ride Control - boom suspension		O	O
Engine			
Type		4 Cylinder Tier 4 Common Rail	4 Cylinder Tier 4 Common Rail
Displacement	cu.in. (L)	203 (3.3)	268 (4.4)
Aspiration		Turbo	Turbo
Max. power ISO14396 - ECE R120 @ rpm	hp (kW)	74.3 (55.4) @ 2600	101 (74.5) @ 2200
Max. torque ISO14396 - ECE R120 @ rpm	ft. lbs. (Nm)	210 (286) @ 1850	247 (335) @ 1500
Cold climate start device		●	●
Transmission			
Variable capacity hydrostatic		Hydro single speed	Hydro 2 speed
Service Brakes			
Actuation		Hydraulic power assisted	Hydraulic power assisted
Type		Oil immersed discs	Oil immersed discs
Discs per axle		6	6
Axles			
Differential lock		Front	Front
Capacities			
Hydraulic oil	gal. (L) (Litres)	24.3 (92)	37.0 (140)
Fuel	gal. (L) (Litres)	21.1 (80)	26.4 (100)
Hydraulics			
Gear pump	gpm (l/min)	21.1 (80)	29.1 (110)
Hydraulic controls		Proportional	Proportional
Joystick with Proportional controls		●	●
Joystick with Proportional, simultaneous, flow sharing controls, F-N-R integrated		O	O
Cab			
Max noise level	(dB(A))	80	80
Vision	(°)	360	360
Adjustable steering column		●	●
Power steering		2WS / 4WS / Crab	2WS / 4WS / Crab
Rotating beacon		●	●
Mechanical seat		O	—
Deluxe seat with pneumatic suspension		●	●
Heater		●	●
Air conditioning		●	●
Two cab pilot lights for steering alignment (LM6.28 only)		—	●
Sun visor (LM5.25 only)		●	—
Cab comfort kit -sun visor, oddments holder, phone holder, inclinometer		—	●
Reverse alarm		●	●
Lighting			
Front work lights on top of cab x 2		O	●
Rear work lights on top of cab x 2		O	●
Boom work lights		O	●
Wheels & Tires			
Standard		12x16.5 Industrial	400 / 70x20
Optional		12x18	405 / 70x24

● Standard O Optional — Not Available



MODELS

		LM5.25	LM6.28
Dimensions & weight			
A Wheel Base	in. (mm)	92.8 (2350)	110.2 (2800)
B Wheel track	in. (mm)	59.0 (1500)	62.9 (1600)
C Ground Clearance	in. (mm)	12.2 (310)	13.8 (350)* / 15.4 (390)**
D Length rear axle to counter weight	in. (mm)	30.0 (763)	25.6 (650)
E Cab width	in. (mm)	33.9 (860)	37.0 (940)
F Cab height	in. (mm)	78.3 (1990)	80.3 (2040)* / 81.9 (2080)**
G Overall width (outside tires)	in. (mm)	70.9 (1800)	78.7 (2000)
Turning radius tires	in. (mm)	133.9 (3400)	157.5 (4000)
Total weight with forks, full fuel tank and driver	lbs. (kg)	10,582 (4800)	13,448 (6100)

* 20" tires ** 24" tires

CLEAN PERFORMANCE, RESPONSIVE PRODUCTIVITY

Large-frame LM telehandlers are powered by Tier 4A NEF 4.5 liter, four-cylinder engines. Proven in the New Holland T6 tractor models, these exceptionally clean-running engines have a long 600-hour service interval and a proven dependability record. Rated power outputs are 110 hp for the LM6.32 and LM9.35, and 129 hp for the LM7.42 Elite. These figures climb to 121 hp and 143 hp as engine speed drops to 1,800 rpm (1,900 rpm for LM7.42 Elite). Maximum output for the predecessor LM5000 models was 120 hp. To minimize power loss, the engine flywheel connects directly to the transmission via a heavy-duty 11-inch (280mm) torque converter, a transfer box directing power to the front and rear axles. All three models achieve a maximum 25-mph transport speed and transport mode is automatically engaged in third gear or at speeds exceeding 7.5 mph. This locks the rear steering wheels in the straight-ahead position, allowing steering from the front axle only.



Models		LM6.32, LM9.35	LM7.42 Elite
Rated Power @ 2,200 rpm	hp (kW)	110 (81)	129 (96)
Max Power @ 1,800 (1,900 rpm for Elite)	hp (kW)	121 (89)	143 (105)
Fuel tank capacity	gal. (l)	36.9 (140)	36.9 (140)
AdBlue tank capacity	gal. (l)	7 (27)	7 (27)
Powershift speeds (Forward / Reverse)		4 / 3	6 / 3



UP TO 10% FUEL SAVINGS

When compared to previous LM5000 telehandler models, the latest Tier 4A-compliant power units are not only quieter and more powerful, but they are also up to 10% more fuel efficient.



REVERSING FANS KEEP EVERYTHING COOL

Choose the optional reversing fan and every six minutes the engine and cooling package fan reverses direction for 15 seconds. This helps blow dust and contaminants from the engine radiator, oil cooler and intercooler and also helps keep the external engine hood screens free of debris. Working to the same cycle, two separate electrical fans reverse to clean the air conditioning, fuel cooler and transmission radiators.

FULL-TIME 4WD AND AUTO TRACTION CONTROL

Large-frame LM telehandlers have full-time 4WD (four-wheel drive) and a front limited-slip differential as standard equipment. Developed specifically for telehandler applications, the differential directs up to 45% of available torque across the axle to ensure the wheel with the greatest traction always get power. A locking rear differential is standard on the LM7.42 Elite.

HYDRAULIC WET DISK BRAKES

Designed to offer long life with minimal maintenance, the sealed wet disc brakes in both of the LM telehandler axles are designed to operate at higher transport speeds. The parking brake* is activated via a dash-mounted switch.

*SAHR system (Spring Applied Hydraulic Release).

MANEUVERABILITY AND STEERING MODES

Four-wheel steering mode provides the large-frame LM telehandlers with a turning radius of just 12.8 feet, tight enough to maneuver around many obstacles. Crab-steer mode creates the ability to move a load into or out of an area in a diagonal direction. Four-wheel steering is great for general use and transport applications, allowing you to operate the telehandler just like a standard tractor. The LM7.42 Elite also features auto wheel alignment when switching between, all-wheel, crab and front steering.

BIGGER TIRES

Large-frame telehandlers are equipped with 460/70R24 tires as standard. These are the ideal size for general-purpose applications and yard work. Wider 500/70R24 are available on the LM7.42 Elite to enhance flotation. Ground clearance at the lowest point under the axles is more than enough for your daily chores or working over rough terrain.



LM6.32 & LM9.35 TRANSMISSION KEEPS IT SIMPLE

A full powershift 4F/3R (four-forward and three-reverse speed) transmission is standard on the LM6.32 and LM9.35, with clutch-free changes between each gear. Simply choose speeds using buttons on the console-mounted joystick, and make direction changes with the forward-reverse shuttle lever on the steering column.

LM7.42 ELITE OFFERS AUTO FEATURES

The LM7.42 Elite features a powershift 6F/3R transmission with the ability to select Auto mode. Effective in speeds 4, 5 and 6, Auto mode selects the most appropriate gear in relation to engine and forward speed and is well suited for transport duties. You make gear and direction changes using the buttons on the armrest-mounted joystick.

POWERFUL HYDRAULICS DELIVER FAST WORK CYCLES

Efficient hydraulics are key to telehandler productivity. This goes beyond pump capacity; efficient use of available oil, optimized ram sizes and effective control valves all make a contribution to overall performance. The all-new LM models benefit from New Holland's 15 years of telehandler development and careful attention to the design of the hydraulic circuit — not just improving cycle times but also ensuring performance is maintained in demanding conditions, including extreme heat. Options include a set of rear remotes and additional boom mounted valves to control external attachments.

GEAR PUMP SIMPLICITY LINKED TO ADVANCED CONTROL

LM6.32 & LM9.35 telehandlers are equipped with a 31.7-gpm gear pump. To optimize performance, the console-mounted joystick operates electro-hydraulic valves. Not only does this deliver full proportional control, it also enables more than one function to be operated at a time for optimum productivity.

VARIABLE PUMP DELIVERS HIGH OUTPUT AT LOW ENGINE SPEEDS

The LM7.42 Elite is equipped with a high-performance, variable displacement piston pump that has a maximum output of 36.9 gpm. Pump features include the ability to deliver a high rate of flow at all engine speeds, but to also close down when there is no demand on the system. This allows more engine power to be diverted to the transmission and is of particular value during transport and when climbing a steep slope. As soon as there is a demand for hydraulic flow, the pump delivers.

SEE MORE FOR BETTER PRODUCTIVITY

New Holland has taken its established expertise in tractor cab design and applied it to the all-new 360 Vision Cab. Offering class-leading space and comfort, the cab affords excellent all-around visibility with an unparalleled view of the front of the forks when fully lowered. Not only does the extra visibility boost loader work productivity but it also speeds up attachment changeovers.

MORE GLASS, CLEAR VISIBILITY

Extensive research by New Holland has led to the development of the 360 Vision Cab. A key aim was to help reduce 'blind spots' over the front of the boom, particularly when fully raised and fully lowered. By combining a wide and deep front screen with slim 'A' pillars, the visibility from the operators seat is greatly enhanced.



ENGINEERED FOR LOW NOISE

The best way to reduce noise is to eliminate its sources. By combining a number of design developments, large-frame LM telehandler in-cab noise levels are just 75dB(A). A key to the low noise levels is the SCR-equipped engines. These clean-running power units also offer exceptionally low bystander noise levels.



LM6.32 AND LM9.35 CAB AND CONTROLS

In the cab of LM6.32 and LM9.35 telehandlers, the electro-hydraulic joystick is mounted on the console, with the forward/reverse shuttle on the steering column. Neutral and transmission shift buttons are on the joystick. To provide enhanced operator comfort, the LM6.32 and LM9.35 come standard with an air suspension seat and tilt steering wheel.



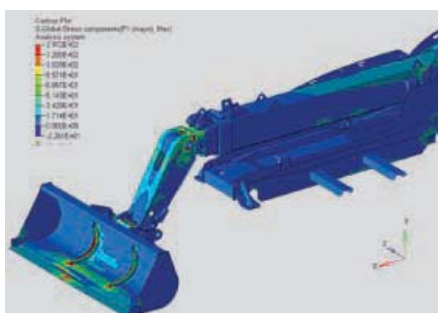
LM7.42 ELITE CAB AND CONTROLS

The LM7.42 Elite electronic joystick is mounted on the seat armrest and includes the powershift, neutral and shuttle buttons. The adjustable tilt and telescopic steering wheel and air suspension seat combined with the armrest mounted controls provide the ultimate in cab operator comfort.



STRENGTH BY DESIGN

New Holland has completely redesigned the large-frame LM series telehandler boom and frame to be more robust and durable than ever. New Holland has enhanced the boom materials, boom construction, boom cylinders position, headstock design and more. In addition, the perfect balance design of the rear boom provides a natural counter balance when lifting to provide additional stability and operator safety.



Based around twin U-shaped 0.39- to 0.47-inch (10- to 12-mm) thick sections, the completely new boom is immensely strong, with heavy-duty pivot pins for optimum durability. New wear pads adjust quickly using a simple screw and lock nut design, without the need for special tools.

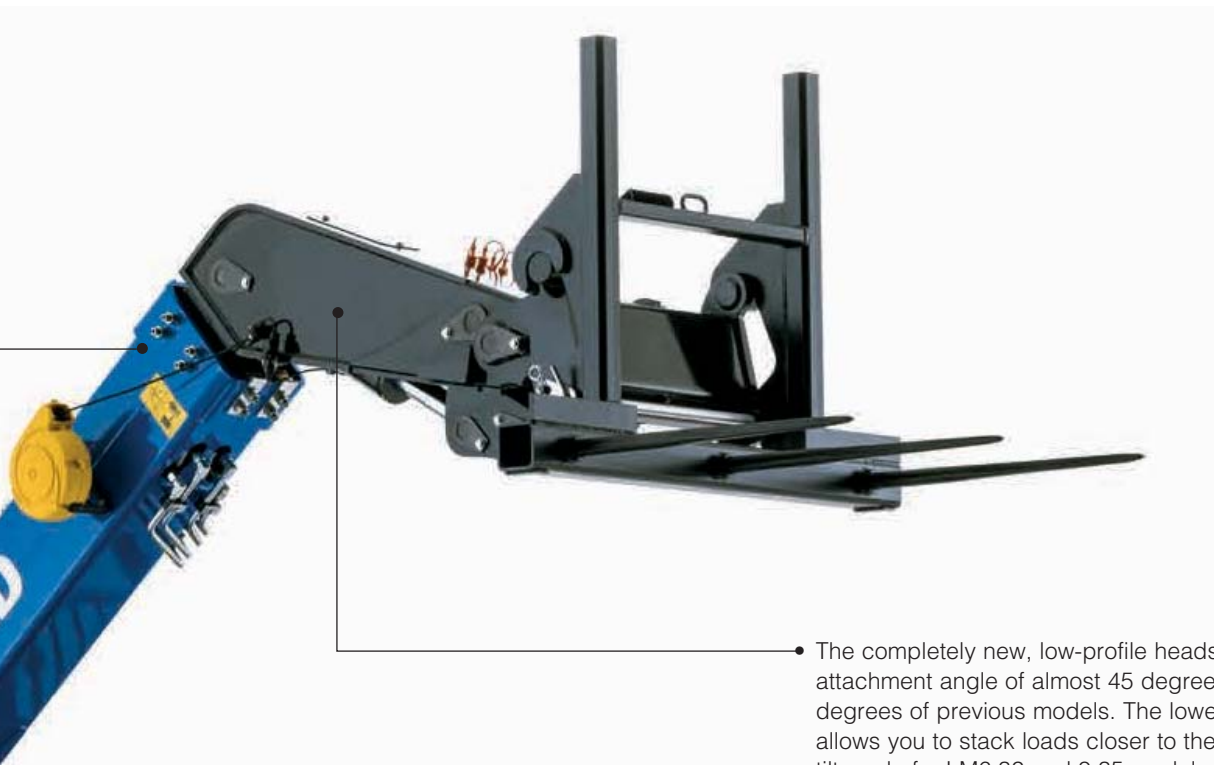


A boom float option is available. When engaged by the operator, boom float is designed to allow the attachment to follow the contour of the ground, which is ideal for applications such as ground leveling. The system automatically deactivates when the boom exceeds a 35-degree lift angle.

- Hydraulic end-stroke dampers are incorporated into the boom rams, automatically ensuring the boom fully extends and returns to its fully retracted position smoothly. This hydraulic damping helps protect the boom and operator from shock loads.



The one-piece H-shape ladder chassis is made from one-inch-thick, high tensile steel that is fully robot-welded to ensure exceptional torsional rigidity. The boom support is exceptionally strong, and its mass helps to counterbalance heavy loads.



- The completely new, low-profile headstock features an attachment angle of almost 45 degrees compared to 90 degrees of previous models. The lower-profile design allows you to stack loads closer to the roof. The carrier tilt angle for LM6.32 and 9.35 models is 131 degrees, 142 degrees on LM7.42 Elite. The hydraulic attachment lock allows you to quickly hook-up any Manitou-style attachment.



- New Holland has engineered the chassis with 40/60 weight distribution to eliminate the need for a counterweight. The design delivers excellent stability and traction when loaded. The mass that would be used in a counterweight is instead built into the chassis to boost its strength.



Smooth Ride boom suspension can be specified to help reduce shock loads when working over difficult terrain. The operator can engage or disengage this feature via a rockerswitch. The system automatically deactivates when the boom exceeds a 35 degree lift angle.

A WIDE OFFERING OF ATTACHMENTS MAKES LM TELEHANDLERS EXTREMELY VERSATILE

Turned loose with the right attachments, large-frame LM telehandlers take care of all sorts of big jobs quickly. In addition to the long list of available Manitou-style attachments, adapter plates are available to mount skid steer or Matbro attachments. The standard in-cab hydraulic attachment locking system and boom auxiliary hydraulics make the LM telehandler even more versatile as a multi-tool carrier. So, the question of, "What would I do with a LM telehandler?" very quickly changes to "What would I do without one?"

BUCKETS

- 1.75 yd³ x 96 in.
- 2.25 yd³ x 96 in.
- 3.25 yd³ x 96 in.
- 2.15 yd³ x 96 in. w/grapple

PALLET FORKS

- 48-inch pallet forks (set of 2)
4 in. wide x 1.75 in. thick
- 60-inch pallet forks (set of 2)
4 in. wide x 2 in. thick

BALE HANDLING

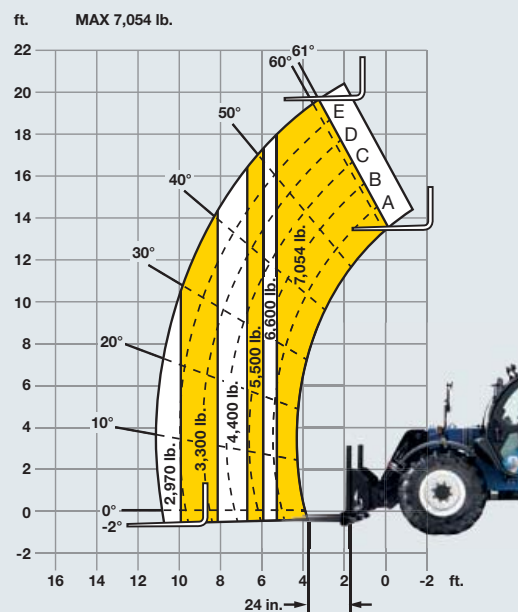
- Dual round bale spike
- Large square bale grab
- Large square bale fork

TRUSS BOOM – 12 foot

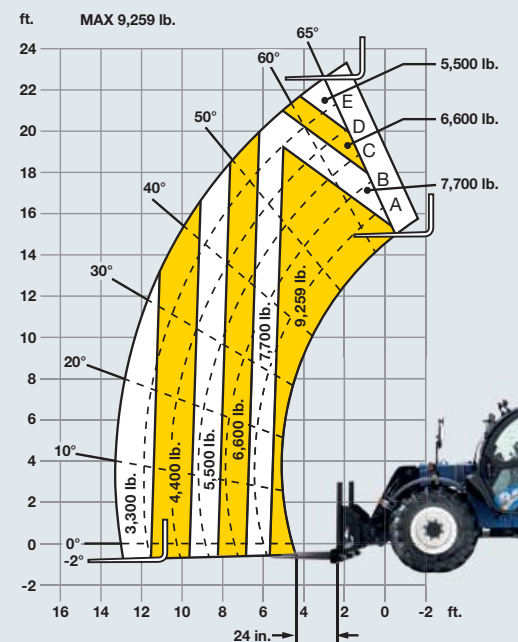
ANGLE BROOM – 108 inches wide with 32-inch diameter broom

One set of boom hydraulics is standard equipment, with the option to add a second set, turning your telehandler into a true multi-tool carrier. An optional continuous flow feature allows the auxiliary circuit to operate attachments with hydraulic motors such as silage defacers, rotary brooms and augers.

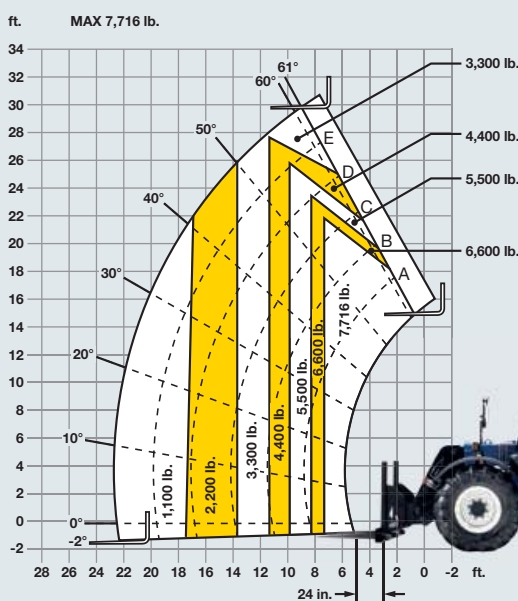
LM6.32
LOAD
CHART



LM7.42
ELITE
LOAD
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LM9.35
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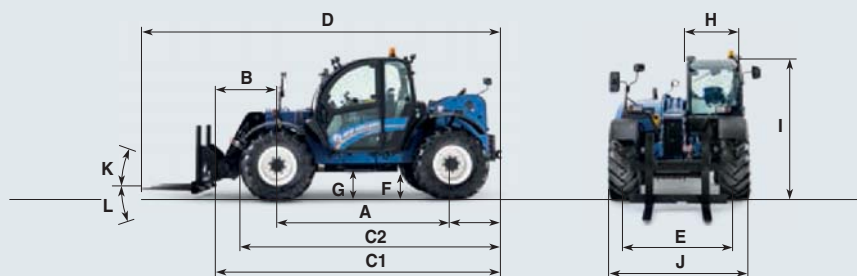
MODELS

LM6.32

LM7.42 ELITE

LM9.35

Max. lift capacity	lbs. (kg)	7,054 (3200)	9,259 (4200)	7,716 (3500)
Max. lift height	ft. (m)	20.6 (6.3)	22.9 (7.0)	29.8 (9.1)
Engine				
Type		4 Cylinders - NEF Tier 4A Common Rail	4 Cylinders - NEF Tier 4A Common Rail	4 Cylinders - NEF Tier 4A Common Rail
ECObLue™ SCR system (Selective Catalytic Reduction)		●	●	●
Aspiration		Turbo intercooler	Turbo intercooler	Turbo intercooler
Displacement	cu. in. (L)	274 (4.5)	274 (4.5)	274 (4.5)
Approved Biodiesel blend		B20**	B20**	B20**
Max power ISO14396 - ECE R120 @ rpm	hp (kW)	121 (89) @ 1800	143 (105) @ 1900	121 (89) @ 1800
Rated power ISO14396 - ECE R120 @ rpm	hp (kW)	110 (81) @ 2200	129 (96) @ 2200	110 (81) @ 2200
Max. torque ISO14396 - ECE R120 @ rpm	ft. lbs. (Nm)	367 (498) @ 1500	435 (590) @ 1500	367 (498) @ 1500
Transmission				
Type		PowerShift™	PowerShift™	PowerShift™
Speed		4x3	6x3 Auto-Shift	4x3
Transmission shifting		Incorporated on Joystick	Incorporated on Joystick	Incorporated on Joystick
F-N-R Integrated on Joystick		—	—	—
F-N-R Lever on Steering column		—	●	●
Travel speed	mph (kph)	25 (40)	25 (40)	25 (40)
Service Brakes				
Actuation		Hydraulic power assisted	Hydraulic power assisted	Hydraulic power assisted
All four wheels		Standard	Standard	Standard
Type		Oil immersed discs	Oil immersed discs	Oil immersed discs
Discs per axle		6 Front axle - 4 Rear axle	6 Front axle - 4 Rear axle	6 Front axle - 4 Rear axle
Parking Brake				
Actuation		Front axle SAHR (Spring Actuated Hydraulic Release)		
Type		Oil immersed discs	Oil immersed discs	Oil immersed discs
Axles				
Limited Slip differential Front Axle		●	●	●
Limited Slip differential Rear Axle		—	●	—
Capacities				
Hydraulic oil tank	gal. (L)	27.7 (105)	27.7 (105)	27.7 (105)
Fuel tank / AdBlue tank	gal. (L)	36.9 (140) / 7.1 (27)	36.9 (140) / 7.1 (27)	36.9 (140) / 7.1 (27)
Engine oil	gal. (L)	3.2 (12)	3.2 (12)	3.2 (12)
Hydraulic				
Gear pump	gpm (l/min)	31.7 (120)	—	31.7 (120)
Variable pump	gpm (l/min)	—	36.9 (140)	—
Boom Controls				
Lift		Pilot	Electro Proportional	Pilot
Tilt		Pilot	Electro Proportional	Pilot
Extension		Electro Proportional	Electro Proportional	Electro Proportional
Headstock Auxiliary		Electro Hydraulic	Electro Proportional	Electro Hydraulic
Hydraulic cycle times (unloaded)				
Lift / Lower	(seconds)	7.4 / 5.6	6.7 / 5.2	7.4 / 5.6
Extend / Retract	(seconds)	5.5 / 3.7	6.2 / 4.5	8.3 / 6.3
Bucket Dump / Bucket Crowd	(seconds)	3.1 / 3.2	2.8 / 2.9	3.1 / 3.4
Cab				
Max noise level	(dB(A))	75	75	75
Vision	(°)	360	360	360
Ventilation		Heater / Blower / Air Conditioning	Heater / Blower / Air Conditioning	Heater / Blower / Air Conditioning
Tiltable steering column		●	—	●
Tiltable and telescopic steering column		—	●	—
Single lever Joystick		Cab Mounted	Seat Mounted	Cab Mounted
Steering mode options		2WS / 4WS / Crab	2WS / 4WS / Crab	2WS / 4WS / Crab
Steering mode selection				
Manual selection with Front & Rear pilot lights		●	—	●
Manual selection with automatic alignment		—	●	—
Wheels & Tires				
Standard		460 / 70 R24	460 / 70 R24	460 / 70 R24
Optional		—	500 / 70 R24	—



MODELS

LM6.32

LM7.42 ELITE

LM9.35

Dimensions & weight				
A Wheel Base	in. (mm)	118 (3000)	118 (3000)	118 (3000)
B Axle to carrier	in. (mm)	40.6 (1031)	50.5 (1285)	50.5 (1513)
C1 Length carrier to counter weight	in. (mm)	191.3 (4858)	201.3 (5113)	210.2 (5340)
C2 Length front tire to counter weight	in. (mm)	175.2 (4450)	175.2 (4450)	175.2 (4450)
D Overall length	in. (mm)	243.7 (6190)	253.9 (6451)	262.7 (6672)
E Wheel track	in. (mm)	73.7 (1873)	73.7 (1873)	73.7 (1873)
F Ground Clearance	in. (mm)	16.3 (415)	16.3 (415)	16.3 (415)
G Clearance under step	in. (mm)	21.7 (550)	21.7 (550)	21.7 (550)
H Cab width	in. (mm)	40.2 (1020)	40.2 (1020)	40.2 (1020)
I Cab height	in. (mm)	96.3 (2447)	96.3 (2447)	96.3 (2447)
J Overall width (outside tires)	in. (mm)	95.7 (2340)	95.7 (2340)	95.7 (2340)
K Attachment roll back angle	(°)	19	24	19
L Attachment dump angle	(°)	109	118	109
Total rotation angle (X+Y)	(°)	131	142	131
Turning radius over tires	in. (mm)	153.6 (3900)	153.6 (3900)	153.6 (3900)
Total weight with forks, full fuel tank and driver	lbs. (kg)	17,494 (7935)	17,637 (8000)	18,916 (8580)



VALUE, SERVICE AND SOLUTIONS

There's a certain way of thinking that comes from living on a farm. Farming takes equal parts brain and brawn. Not to mention thick skin, calloused hands and a fair share of know how. Seasoned farmers know it helps to have equipment that's built by farmers, sold by farmers and used by farmers.

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Quality parts and service. Turn to your New Holland dealer after the sale for expert, factory-trained service and genuine New Holland-branded parts. Your dealer has the very latest service updates and training to ensure your equipment keeps working productively season after season.

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For reliable equipment, parts and service — or just honest advice on farming and finance — turn to New Holland and your trusted New Holland dealer. We know. We're farmers, too.



We are proud to support the FFA.

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Safety begins with a thorough understanding of the equipment. Always make sure you and your operators read the Operator's Manual before using the equipment. Pay close attention to all safety and operating decals and never operate machinery without all shields, protective devices and structures in place.

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