

LM625 TURBO



LM625 Turbo

MAX LIFTING HIGH	5.78 m
MAX LIFTING CAPACITY	2500 kg
ENGINE POWER	84 hp



BUILT AROUND YOU

ALL-ACCESS TELEHANDLER

**POWERFUL ALL
ROUND: ENGINE,
HYDRAULICS AND
TRANSMISSION**

**SPACIOUS CAB,
COMPACT MACHINE**

**EASY ACCESS FOR
MAINTENANCE**



**TOP VERSATILITY
WITH THE RIGHT
ATTACHMENT FOR
EVERY APPLICATION**

**PART OF A LARGE
FAMILY OF
HEAVY-DUTY
TELEHANDLERS**



POWERFUL ALL ROUND: ENGINE, HY



The engine compartment is easily accessible through the fully tiltable hood

A POWERFUL HIGH-CAPACITY HYDRAULIC SYSTEM IDEAL FOR MULTI-TASKING

The LM625 Turbo features a high flow gear pump that delivers 80 lt and 230 bars pressure. The reliable hydraulic system always provides the right flow and power - even in applications that require a constant flow. Movements are smooth and very quick, resulting in fast working cycles.

A continuous oil flow device controlled from the operator's seat is available for working with implements such as concrete mixer buckets.

DRAULICS AND TRANSMISSION



The spool valve at the boom end can supply the necessary oil flow for any implement



With the inching pedal the driver can modulate the powerful hydrostatic transmission

A SMOOTH AND POWERFUL TRANSMISSION

The hydrostatic transmission is very easy to use. The hydrostatic pump and motor both automatically change displacement according to the torque demand. There is no need to flip a switch to adapt the pulling capacity to the different conditions.

The inching pedal allows you to modulate the hydraulic flow, resulting in even smoother operation.

This feature is particularly valuable when slow movements are necessary to lower heavy loads at maximum reach. The system works like a standard clutch, but has the advantages of a hydrostatic transmission.

The front axle can be equipped with limited slip differential, (45% torque transfer), for maximum traction.

WELCOME ON BOARD



Spacious cab for comfortable working days

SPACIOUS CAB, COMPACT MACHINE

The cab of the compact LM625 Turbo offers the same high levels of comfort of the biggest models.

The standard, adjustable, tilting steering column allows a full range of operator adjustments to achieve the best driving position for every individual.

The joystick is easy to use and guarantees high precision in material handling applications and fast response in digging operations. The joystick can also control the optional attachment quick coupler and the electro-actuated spool valve on top of the boom.

Multiple features add further to the operator's comfort: air conditioning, suspended seat and sun shade. The "Glide ride" system, which eliminates the rebound of the loader when travelling, can be installed for maximum comfort and safety. The LM625 Turbo's comfort is further enhanced by the lowest in-cab noise levels in the telehandler category.





Extensive glazed areas for increased visibility

360° VISIBILITY

The spacious ROPS-FOPS cab offers the best visibility available on the market. Its rounded front profile and large glass area gives to the operator total control of the arm in every position, as well as of right, left and rear side when manoeuvring in restricted working spaces. The most important information for safe operation, such as the LMI (Load Movement Indicator) system, are located on the easy readable dashboard. The cab roof is protected by a strong grid that can be extended to the front cab window.



For easier serviceability, a dedicated panel is placed on the front side of the main frame; easy to reach, it can store all the tools needed for daily maintenance.



THE ALL-ACCESS TELEHANDLER



The LM625 Turbo features 4 wheel steering with 3 different positions which may be easily selected by a lever that is protected against accidental inputs and ergonomically positioned inside the cab just behind the joystick. The operator can select the most suitable steering configuration according to the type of job at hand.

- **Front wheels steering only:** most suitable for travelling and for transport operations;
- **All wheels steering:** for excellent mobility in confined spaces;
- **Crab steering:** for easy clean-up alongside walls or buildings without any complicated manoeuvres.

STEERING CAPABILITY

The LM625 Turbo is the right choice for work in tight spaces. The extremely compact dimensions of 1,91 m height and 1,80 m width enable the LM625 Turbo to reach even buildings that are not accessible to other machines.



THE ATTACHMENTS

VERSATILITY WITH THE RIGHT ATTACHMENT FOR EVERY APPLICATION

BUCKET WITH OR WITHOUT TEETH



0.48 m³

LIGHT MATERIAL BUCKET WITH OR WITHOUT HOLDER



0.9 m³

CONCRETE MIXER BUCKET



250 lt

TRUSS BOOM WITH LIFTING HOOK



2.5 t

GOOSENECK ARM EXTENSION WITH LIFTING HOOK



2.5 t

CRANE HOOK



2.5 t

SERVICE PLUS





THE NEW HOLLAND DEALER: YOUR PROFESSIONAL PARTNER

Your success starts with world-class New Holland machinery and attachments. Your New Holland dealer will help you work smarter and faster by selecting equipment that delivers performance and operator comfort. Your dealer has the knowledge and experience necessary to help you choose the right attachments so you can...

- **Work faster and extend equipment life.**
- **Increase machine utilization.**
- **Increase your capabilities.**

Let your New Holland dealer service your machine on the jobsite. You'll be back on the job faster. Advantages include...

- **Responsive job site service to keep your equipment running.**
- **Increase machine uptime.**
- **Certified service staff and improved parts availability.**

PARTS

When you're looking for superior parts options to maximize the performance and lower the operating costs of your New Holland machinery, turn to CNH Original Parts to keep you equipped for success.

CNH Original Parts fit better, install faster and last longer and in an industry where "high impact" and "heavy lifting" are the norm, the smallest mechanical differences can lead to big problems.

CNH Original Parts from New Holland are manufactured from superior materials and specifically designed for New Holland to continually and reliably withstand the punishment of everyday construction. So steer clear of mechanical problems and future breakdowns, by choosing CNH Original Parts from New Holland. They're the only parts that are field-tested and proven to keep your New Holland equipment performing its best.

SERVICE. RELY ON NEW HOLLAND TO DELIVER FOR YOU

Your commitment to your operation is evident every day, but that doesn't minimize the enormous pressure you face to reduce operating costs and improve productivity. So when you're on the job, make sure you have top-notch service and support of New Holland behind you every step of the way. With our factory trained technicians, you can ensure that top-notch service professionals are working on your maintenance needs, so you can focus on your business and the big job challenges ahead, not on the tasks of servicing your equipment.

With your New Holland Service, you get more than mere oil changes. A New Holland Service ensures your New Holland equipment receives a thorough service that meets all requirements of its service schedules and properly maintains it for the day-in, day-out punishment of construction work.

Don't give another thought to time-consuming maintenance tasks. Simply rest easy and make certain that your service needs are taken care of by a New Holland factory trained technician.





When the unexpected occurs, you need to know your equipment is protected. At New Holland we understand the importance of your machinery being in good working order when it counts. Service Plus is designed to help keep your equipment working well beyond the manufacturer's base warranty period while taking away the concerns of the cost and inconvenience of mechanical failure.

WHAT ARE THE ADVANTAGES OF SERVICE PLUS?

PEACE OF MIND

Provides protection beyond the Manufacturer's Base Warranty Period.

FLEXIBLE OPTIONS

Plans can be customised to meet individual needs.

DEPENDABLE SERVICE

Eligible repairs completed by an authorised New Holland Dealership and their trained service technician's using genuine OEM parts & lubricants.

TRANSFERABLE PROTECTION

New Equipment Plans may be transferred to a new owner at no charge

• STANDARD PROTECTION PLAN 3 Year / 3000 Hour

Additional years/hours can be purchased. Please contact your local New Holland dealer for further information.

STANDARD SERVICE PLUS PROTECTION PLAN CONSTRUCTION EQUIPMENT MASTER PARTS SCHEDULE

This plan provides coverage for the components listed below when a failure occurs due to a defect in material or workmanship, and may provide coverage for additional components not listed when the damage is caused by or resulting from a covered failure of a listed component.

PREMIER COMPONENTS COVERED

ENGINE AND ALL INTERNAL LUBRICATED COMPONENTS WITHIN	TRANSMISSIONS/AXLES/HYDROSTATICS	ELECTRICAL	HYDRAULICS
Accessory Gears	Axle Housing	Alternator	Accumulator And Related Relief Valve
Air Intake Hose	Axle Shaft	Gauges	Brake Accumulator
Camshaft	Clutch Discs (Wet Only)	Horn	Brake Pressure Sensor
Camshaft Bearings	Clutch Plates (Wet Only)	Indicators	Brake Pump, Brake Valve
Camshaft Drive Gear	Control Rods	Instruments	Differential Lock Valve
Catalytic Converter	Counter Shaft Clutch	Electronic Joysticks	Fan Pumps And Motors
Charge Air Cooler	Differential Housing	Electric Motors	Hydraulic Cylinders
Cold Start Enrichment Systems	Differential Pinion Gear / Ring Gear	Factory Installed Telematics	Hydraulic Hoses and Piping
Connecting Rods & Bearings	Drive Axle Hub	Sensors	Hydraulic Motors
Crankshaft Bearings & Gear	Drive Shaft Support Bearing	Solenoid Valves	Hydraulic Oil Coolers
Crankshaft Including Front And Rear Crankshaft Seals	Drive Shaft with Universal Joints	Starter And Starter Solenoid	Hydraulic Pumps
Cylinder Heads/ Head Gaskets	Electronic Transmission Controller and Valve	Switches	Hydraulic Reservoir
Cylinder Liners	Enclosed Oil Immersed Chains and Sprockets	Traction Control System	Hydraulic Valves
Diesel Exhaust Fluid Tank and Dispensing System	External Oil Lines	Voltage Regulator	Internal O-Rings and Bonded Washers
Diesel Particulate Filter	Filler Tubes (Transmission)	Wiring Harnesses	Pilot Control
EGR System Manifold	Final Drive Pinion	Wiring Harnesses Exclusions	Pressure Reducing Valves
Electronic Engine Control Module	Final Drive Planetary Gears	Rubbing, Chafing, Loose Or Corroded Connections	Unloading Valves
Engine Block	Front Wheel Drive Sensors	FACTORY INSTALLED HEAT AND AIR CONDITIONING	STRUCTURAL
Engine Mounts And Supports	Hydraulic Drive / Travel Motor	Accumulator	Backhoe Booms
Engine Oil Cooler	Hydraulic Drive Pump	Clutch	Backhoe/Excavator Dipper Sticks
Engine Speed Controls, Linkages, and Cables	Hydraulic Transmission-Control Valve	Compressor	C Frame
Exhaust Manifold and Muffler	Hydrostatic Motor	Condenser	Car Body
Fan And Fan Drive	Hydrostatic Transmission Charge Pump	Dryer	Chassis
Filter Mount	Hydrostatic Transmission Pump	Evaporator	Circle Frame
Flywheel, Ring Gear	Hydrostatic/Hydraulic Pump Drives	Expansion Valve	Engine Frame
Front And Rear Engine Covers And Seals	Internal Lubricated Clutch Housings	Heater Core	Equipment Frame
Front Damper	Internal Transmission Control Linkage	Hoses	Excavator Booms
Fuel Lines	Internal Wet Service Brakes	Pulley	Falling Object Protection Structure (FOPS)
Fuel Tank	MFWD Axle/Differential Assembly including Driveshaft and U Joint	Seals & Gaskets	Forklift Masts
Fuel Transfer Pump & Gasket	Planetary Gear Carrier	Temperature Control Programmers and Valves	Inner and Outer Dipper Arms of the Extendable Boom (Backhoe Loader)
Injection Pump	Pneumatic Valves	OPERATOR AREA	Main Frame
Injectors	Rotary Hydraulic Manifold	Covers and Panels	Rollover Protection Structure (ROPS)
Intake and Exhaust Manifold And Gaskets	Splitter Drive/Drop Box	Exterior/Interior Door/Panel Latches, Hinges & Struts	Swing Frame
Oil Filler Tube	Steering Clutches (Wet)	Exterior/Interior Moldings	Swing Tower Castings (Backhoe Loader)
Oil Lines	Swing Motor And Swing Gear Box	Knobs for Switches and Handles	Track Frame
Oil Pan And Gasket	Torque Converter	Mirrors	Wheel Loader/Skid steer Loader Arms
Oil Pump	Torque Converter Pump	Seat Frame & Suspension	
Pistons & Rings	Transfer Drive		
Pre-Cleaner/Air Cleaner Housing	Transmission Case		
Pressure/Temperature Sensors & Sending Units	Transmission Gears, Bearings, & Shafts		
Pulleys	Transmission Pump		
Radiator	Travel & Swing Sections (only) Of Main Control Valve		
Rocker Arm Assembly	Travel Control Valve		
Selective Catalytic Reduction System	Turntable Bearing		
Thermostats	Undercarriage Roller And Idler Seals And Bearings		
Timing Gears	Undercarriage Tensioners		
Turbocharger And Gasket	UNDERCARRIAGE EXCLUSIONS:		
Valve Cover And Gasket	Sprocket, Tracks, Pads, Bolts, Chains, Or Any Failure Due To Wear, Or Breakage Caused By Wear		
Water Piping			
Water Pumps			

This plan excludes coverage for any failure to any component caused by or resulting from the failure of a component not listed as a covered component, including any resulting damage to a listed component. See the Terms and Conditions document for complete plan details.

LM625turbo

SPECIFICATIONS



ENGINE

Manufacturer..... Yanmar
 Type Naturally aspirated / Turbo
 Total displacement..... 3.3 l
 Fuel injection..... Mechanical
LM625 Turbo
 Net flywheel power (ISO 14396) 62 kW / 84 hp
 Specific fuel consumption n.a. engine 248 gr / kWh
 Specific fuel consumption Turbo engine 254 gr / kWh



HYDRAULIC SYSTEM

Type Gear Pump
 Joystic availability 3 in l
 4 in l
 Hydraulic flow 80 l/min
 Hydraulic pressure 230 bar



TRANSMISSION

Type Hydrostatic
 Forward/Reverse speeds..... Single speed with automatic
 hydrostatic engine displacement setting
 Max speed on road** 26 Km/h
 ** Max. speed limited according to the country's legislations
 Hydrostatic pump displacement..... 56 cc
 Hydrostatic engine displacement..... 107 cc
 Limited slip front differential opt.
 Brakes..... multi disc oil bath



TYRES

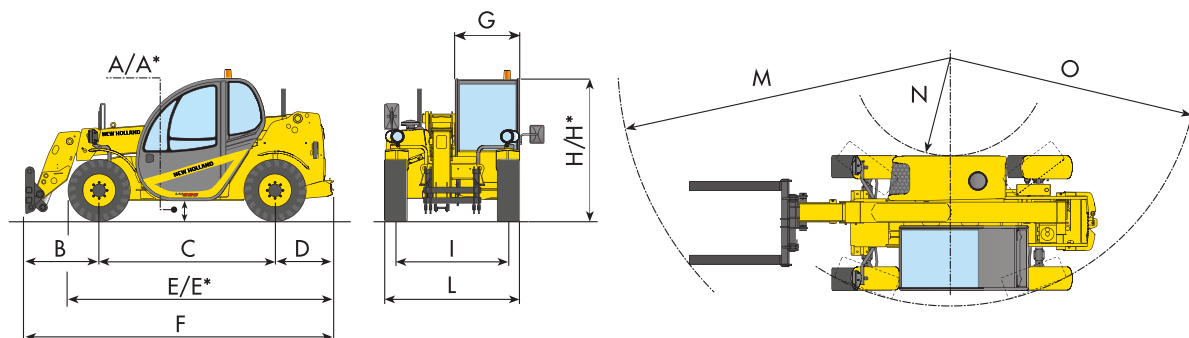
Tyres 12x16.5 Superking
 12/75 x 18 Mitas



CAPACITIES

Fuel tank..... 75 l
 Hydraulic tank 92 l
 Liquid coolant..... 12 l

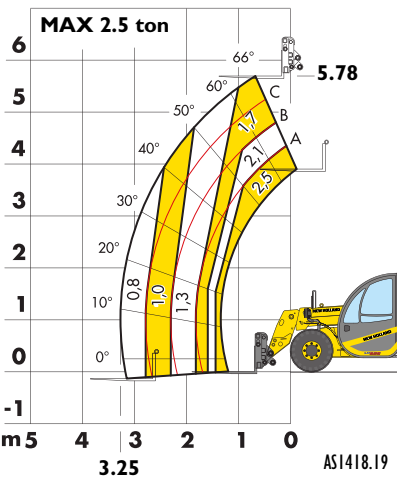
DIMENSIONS



A/A*	mm	270/310*
B	mm	983
C	mm	2350
D	mm	763
E/E*	mm	3530/3580*
F	mm	4096
G	mm	860
H/H*	mm	1910/1950*
I	mm	1500
L	mm	1800
M	mm	4500
N	mm	1400
O	mm	3400

* following the different tyre size installed

PERFORMANCE DATA



600 mm load centre

LM625 Turbo		
Maximum lift capacity	kg	2500
Maximum lift height	m	5.78
Lift capacity at maximum reach	kg	800
Lift capacity at maximum lift height	kg	1700
Maximum forward reach	m	3.25
Maximum reach at maximum high	m	0.67
Tool carrier swinging angle	°	129
Breakout force	daN	5700
Pulling force	daN	4400
Operating weight	kg	4800



PARTS AND SERVICE

The New Holland dealer network is, in itself, the best guarantee of continued productivity for the machines it delivers to its customers. New Holland service technicians are fully equipped to resolve all maintenance and repair issues, with each and every service point providing the high standards they are obliged to observe under New Holland's stringent quality guidelines. The New Holland global parts network ensures fast, reliable, replacement parts for less downtime, increased productivity and, of course, profitable operation for its customers.



AT YOUR OWN DEALERSHIP

The information contained in this brochure is intended to be of general nature only. The NEW HOLLAND CONSTRUCTION MACHINERY S.p.A. company may at any time and from time to time, for technical or other necessary reasons, modify any of the details or specifications of the product described in this brochure. Illustrations do not necessarily show products in standard conditions. The dimensions, weights and capacities shown herein, as well as any conversion data used, are approximate only and are subject to variations within normal manufacturing techniques.

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