

LM625 LM625 TURBO



	LM 625	LM 625 Turbo
MAX LIFTING HIGH	5.78 m	5.78 m
MAX LIFTING CAPACITY	2500 kg	2500 kg
ENGINE POWER	69 hp	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 CHOICE OF POWERFUL ENGINES

Two 3,3 lt. TIER III engines are available for the LM 625: 69hp naturally aspirated and 84hp turbo.

You can choose the best engine for your business: if you plan to use your compact telehandler mainly for handling material, the naturally aspirated engine will deliver considerable fuel savings; if you need it for heavy applications, the turbo engine will give you the power boost you want.

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

The LM 625 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 offers the same high levels of comfort of the biggest models.

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

The proportional joystick is easy to use and guarantees high precision in material handling applications and fast response in digging operations. You can also control with the joystick the 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, air suspended seat, anti theft immobilizer and radio CD.

The "Glide ride" system, which eliminates the rebound of the loader when travelling, can be installed for maximum comfort and safety. The LM625's comfort is further enhanced by the lowest in-cab noise levels in the telehandler category.





Extensive glazed areas for perfect tool carrier control

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 system, are under control 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 vane 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 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 LM 625 is the right choice for work in tight spaces. The extremely compact dimensions of 1,91 m height and 1,80 mt width enable the LM625 to reach even buildings that are not accessible to other machines.



THE ATTACHMENTS

TOP 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

CONCRETE SKIP CONVEYOR



400 lt

HYDRAULIC WINCH



2.5 t

GOOSENECK ARM EXTENSION WITH LIFTING HOOK



2.5 t

CRANE HOOK



2.5 t

Additional attachments available: 4in1 bucket, snow removal blade, 1900 mm extra long forks.

LM625/LM625turbo

SPECIFICATIONS



ENGINE

Manufacturer.....	Yanmar
Type	Naturally aspirated / Turbo
Total displacement.....	3.3 l
Fuel injection.....	Mechanical
LM625	
Net flywheel power (ISO 14396)	51 kw / 69 hp
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
	electro-proportional
Simultaneous movement.....	yes
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	
Hystostatic pump displacement.....	56 cc
Hystostatic engine displacement	107 cc
Limited slip front differential	opt.
Brakes.....	multi disc oil bath



TYRES

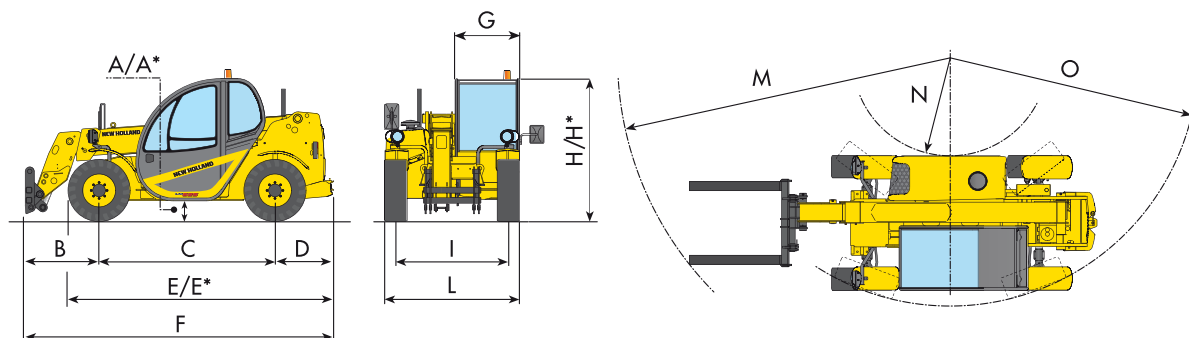
Tyres	12x16.5 Superking 12/75 x 18 Mitas
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CAPACITIES

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

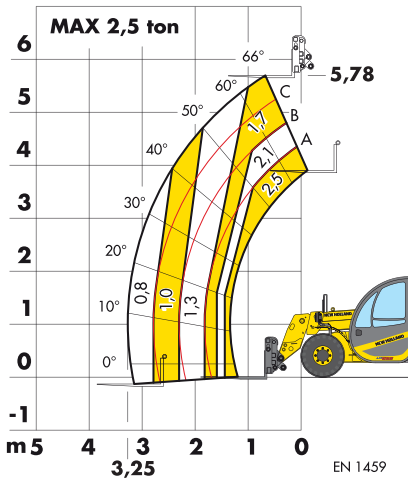
DIMENSIONS



Dimension	Unit	Value
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



LM625 - 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

PART OF A LARGE FAMILY OF HEAVY-DUTY TELEHANDLERS



LM 625		LM 732	
max. lifting high	max. lifting capacity	max. lifting high	max. lifting capacity
5.78 m	2.5 t	7.13 m	3.2 t



LM 1133	
max. lifting high	max. lifting capacity
10.60 m	3.3 t



LM 1333	
max. lifting high	max. lifting capacity
13 m	3.3 t



LM 1343	
max. lifting high	max. lifting capacity
12.45 m	4.3 t



LM 1345	
max. lifting high	max. lifting capacity
12.45 m	4.5 t



LM 1443		LM 1445	
max. lifting high	max. lifting capacity	max. lifting high	max. lifting capacity
13.55 m	4.3 t	13.55 m	4.5 t



LM 1745	
max. lifting high	max. lifting capacity
16.6 m	4.5 t

PARTS AND SERVICE

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