

TH RANGE

TH6.32 | TH6.36 | TH7.32

TH7.37 | TH7.42 | TH9.35







New TH range, as good as gold.

For over 20 years New Holland telehandlers have continued to deliver an unrivalled mix of performance, dependability and affordability. The new TH series machines benefit from a striking new yellow and grey livery, reflecting their importance to the hay and forage sector and association with those product lines. A wider six model range, consisting of TH6.32, TH6.36, TH7.32, TH7.37, TH7.42 and TH9.35 models from six to nine meters, is packaged within fourteen model versions, divided into *S*, *Classic*, *Plus* and *Elite* variants, to cater for the different performance needs of our customers.

The new TH models feature all new 4x3 and 6x3 PowerShift™ transmissions, providing smoother shifting and shuttling performance resulting in a better driving experience. Compliant to Tier 4B emissions standards, enhanced performance and economy are matched to improved comfort and reduced operating costs. The very latest cab sets a benchmark for low noise and comfort.

More choice, more productivity.

In response to customer demand and the need to maximize productivity, the new TH product offering has been expanded to six models with a total of fourteen variants, with three models within the important 7m category. *Elite* models feature 146hp engines, 3 mode 6x3 PowerShift™ transmissions, piston pump and a seat mounted joystick, *Plus* models feature 133hp engines and 6x3 PowerShift™ transmissions with 2 modes and a piston pump. *Classic* spec variants feature 133hp engines, reversible cooling fan, single mode 4x3 PowerShift™ transmission and limited slip rear diff. The *S* models are suitable for the more price conscious operators who require only the eSsential spec on their machine to get the job done and features a 133hp engine, gear pump and single mode 4x3 PowerShift™ transmission. The new TH range is the product of years of development, investment and listening to customer feedback.

Superior visibility and comfort

The new TH range features an advanced cab design that offers improved comfort, noise suppression and visibility for maximum productivity at any time. The new LED light option can produce up to 25,000lumen of combined lighting power to turn night into day and increase safety and productivity.

Enhanced quality

The TH telehandlers feature a twin U shaped robot welded boom, that is extremely rigid and durable. The H shaped ladder chassis has massive torsional strength and is engineered to operate in the most demanding applications. New Holland is committed to ongoing quality improvement and has invested in a new dedicated TH production line between 2012 and 2013.

Ease of ownership

Downtime is the enemy of productivity, that is why all TH telehandlers are engineered to minimise the need for routine maintenance for optimised dependability. Daily checks and routine care has been simplified, making it easier to look after the handler between its extended 600-hour service intervals.

Automatic reversible
cooling fan

Tier 4B ECOBlue™
HI-eSCR engine, up to 146hp

3 mode steering with
auto alignment option





Up to 10 LED lights

3.2 - 4.2 ton lift capacity

Optional complete auto lubrication system

Hydraulic quick-coupler option

360° vision, 71dB(A) noise levels

External Aux pressure relief switch

New 6x3 & 4x3 PowerShift™ transmissions

Best in class service access

Industrial or Agricultural tyre options

Six TH models, countless applications.

At New Holland, we listen to our customers. We appreciate key telehandler demands vary between those seeking a telehandler with the reach to pick up, transport and stack large bales to those who need a maneuverable machine that will see daily use for livestock duties – and everything in between. With the TH 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. As an example, TH6.32 models will lift to 6.10m and offer a 3,200kg capacity, the TH9.35 operating up to 9.10m and offering 3,500kg capacity.





Model	Max reach m	Capacity kg	Power hp	Transmission	Hydraulic Pump lpm
TH6.32 S	6.1	3200	133	4x3	120
TH7.32 S	7.0	3200	133	4x3	120
TH6.32	6.1	3200	133	4x3	140
TH7.32	7.0	3200	133	4x3	140
TH7.37	7.0	3700	133	4x3	140
TH9.35	9.1	3500	133	4x3	140

S and Classic specification

New Holland offers more budget focused operators a wide choice of models across the TH range, both *S* and *Classic* models represent value for money without compromising productivity. All *S* and *Classic* models feature Tier 4B, 4.5 litre NEF engines, with a maximum power output of 133hp. These telehandlers have new 4F-3R PowerShift™ transmissions with gears selectable on the joystick, while direction changes are handled by a column mounted powershuttle lever. A 120 L/min hydraulic gear pump is available on *S* models while *Classic* models feature a 140 L/min variable displacement pump and manual three-mode steering system add to the high levels of equipment offered on both variants.

S models features include:

- open rear differential & LSD front axle
- 128° dump angle
- mechanical coupler
- mechanical seat
- 34kph max speed

Classic models additional features include:

- limited slip diffs front and rear
- reversible cooling fan
- 142° dump angle
- 140lpm variable pump

Designed for applications to include materials handling, yard work and stacking large bales, these affordable telehandlers are the ideal choice for arable, mixed farm and contract applications. A choice of rear trailer hitch types and hydraulic brake coupling, dependant upon market, are available.

Model	Max reach m	Capacity kg	Power hp	Transmission	Hydraulic Pump lpm
TH6.36 Plus	6.1	3600	133	6x3	140
TH7.32 Plus	7.0	3200	133	6x3	140
TH7.37 Plus	7.0	3700	133	6x3	140
TH7.42 Plus	7.0	4200	133	6x3	140
TH9.35 Plus	9.1	3500	133	6x3	140
TH6.36 Elite	6.1	3600	146	6x3	140
TH7.37 Elite	7.0	3700	146	6x3	140
TH7.42 Elite	7.0	4200	146	6x3	140

Plus and Elite models

Plus and *Elite* models are aimed at the most demanding operators who require maximum productivity and comfort at all times. These machines produce maximum power outputs of 133hp and 146hp respectively from a Tier 4B, 4.5 litre NEF engine and both feature new 6F-3R PowerShift™ transmissions. The transmission offering features two modes on *Plus* models, Manual and Semi-auto, *Elite* models feature three transmission modes, Manual, Semi-auto and Full-auto. The transmission modes make *Plus* and especially *Elite* models well suited to transport work and towing capacity with a braked trailer is a massive 20tons. On *Elite* models, the forward and reverse powershuttle can be selected via buttons on the main joystick or via an optional steering column mounted lever.

Plus models features also include:

- 133hp Tier 4B engine
- air suspended seat
- HVAC ventilation system
- hydraulic quick coupler
- rear cab light pack
- telescopic steering column

Elite models additional features include:

- 146hp Tier4B engine
- hydraulic pressure release
- armrest mounted joystick
- rear cab and boom light pack
- heated air suspended seat
- automatic steering alignment
- rear electrical sockets
- 40kph max speed

These combined features make *Plus* & *Elite* telehandlers the default choice for demanding farm and contract operators, their high power to weight ratio enabling them to deliver exceptional performance in the most demanding applications.

See more for better productivity.

New Holland has taken its established expertise in tractor cab design and applied it to the 360° Vision Cab. Offering class-leading space and comfort, the cab affords excellent all-round visibility with an unparalleled view of the front of the carriage / forks when fully lowered. In work, this extra visibility boosts productivity in duties to include loader work and speeds up attachment changeovers.

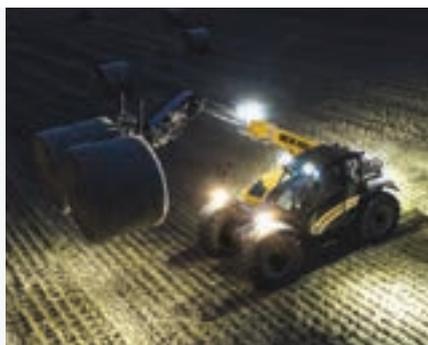
More glass, brilliant visibility

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, TH in-cab noise levels are just 71dB(A). A key to the low noise levels is the ECOBlue™ HI-eSCR equipped engines, these clean running power units also offering exceptionally low bystander noise levels.





New LED lights

- Powerful LED lighting package can now be specified as an option
- Each LED light outputs 2500 lumen
- A total of 10 LED lights give all round visibility for enhanced safety and productivity
- Up to 5 front facing, 3 rear facing and 2 side facing LED lights can be fitted

Eight vents for comfort

- Powerful air-conditioning system ensures day long comfort
- Eight adjustable louvers direct warm or cool air to where its needed
- The cab also features opening rear and door windows for fresh air entry



Cab and controls

- TH *Elite* models feature an electronic joystick mounted on the seat armrest
- Gear selection, neutral, forward/reverse shuttle, transmission de-clutch, boom and 3rd service functions can be operated from the joystick
- A steering column mounted shuttle lever is also optional on *Elite* models
- Steering wheel adjusts for both tilt and reach
- The heated air suspended seat is standard



- Non-*Elite* TH models feature a console mounted electronic joystick
- Transmission de-clutch & gear selection in addition to boom and 3rd service functions, can be operated from the joystick
- A forward /reverse shuttle lever is mounted on the steering column
- Steering column features tilt adjustment on *S* and *Classic*; *Plus* also features height adjustment
- A pneumatic suspended seat is optional on *S* and *Classic* but is default spec on *Plus* models. For all models the air suspended seat can be upgraded with a heating function

Clean performance. Responsive productivity.



Sustainable Efficient Technology

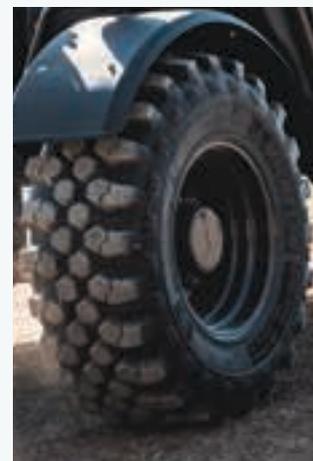


TH telehandlers are powered by Tier 4B compliant, NEF 4.5litre, four-cylinder engines, manufactured in house by FPT Industrial. Proven in the New Holland T6 tractor models, these exceptionally clean running engines employ ECOBlue™ HI-eSCR technology, have a long 600 hour service interval and a proven economy and dependability record. Rated power outputs are 121hp for the non-*Elite* models and 131hp for the TH *Elite*. These figures climb to 133hp and 146hp as engine speed drops to 1,800rpm. To minimise power loss, the engine flywheel connects directly to the transmission via a heavy-duty 280mm torque converter, a transfer box directing power to the front and rear axles. TH *Elite* models achieve a maximum 40km/hr transport speed, and both *Elite* and non-*Elite* models feature a transport mode that, when manually activated, automatically locks the boom functions. Transport mode also prevents the operator from activating 4WS or crab steer modes, permitting front axle steering only.



Reversing fans keep everything cool

- Main engine radiator fan reverses every 6 minutes and runs for 15 seconds
- Dust and debris are blown from the engine cooling package, oil coolers and intercooler
- The same cycle is repeated by two electrical fans to clean air-con, fuel cooler and transmission radiators



Bigger tyres, more choice

- TH telehandlers are fitted with 460/70R24 tyres
- Wider 500/70R24 option can be specified
- Ground clearance at the lowest point under the axles is a generous 415mm
- Industrial and Hybrid tyre option are now available in 460 and 500mm sizes



New TH 4x3 transmission keeps it simple

- Both *S* & *Classic* models feature a full powershift 4F x 3R transmission
- Gear changes are made via buttons on the console mounted joystick
- New gear ratios result in greatly improved performance when climbing gradients and towing in higher transport gears
- Smooth direction changes are made via the steering column mounted shuttle lever
- Noticeably smoother shifting and acceleration are a result of the new transmission
- Single, manual transmission mode keeps things simple

TH *Plus* & *Elite* 6x3 transmission features auto modes

- *Plus* models feature a new 6F x 3R PowerShift™ transmission with 2 modes, Manual and Semi-auto
- Semi-auto mode is effective in gears 4, 5 and 6 and is ideal for transport duties
- When activated it selects the gear most appropriate to the forward speed and engine rpm
- Towing capacity with a braked trailer is 20tons
- *Elite* models feature the new 6x3 transmission with 3 modes, Manual, Semi-auto and Full-auto
- Full-auto mode is active between gears 2 -6 for great roading performances; Semi-auto mode operates between gears 2 - 4 to maximize productivity in yards and tight spaces
- Memory shuttle on *Elite* models remembers the last used forward and reverse gears when changing direction



Full time 4WD and auto traction control

- All TH models feature full time 4WD as standard
- Front limited slip differential is also standard on all models
- Rear LSD available on *Classic*, *Plus* and *Elite* models
- The differential directs up to 45% of available torque across the axle to ensure the wheel with the greatest traction always gets power

Hydraulic wet disc brakes

- Sealed wet disc brakes on both TH axles require minimal maintenance and can handle high transport speeds
- The hydraulic trailer brake circuit is linked to the TH's brakes to enhance safety
- The parking brake* is automatically activated at any time the engine is switched off; it can be manually engaged by shuttle lever on steering column or via a dash mounted switch

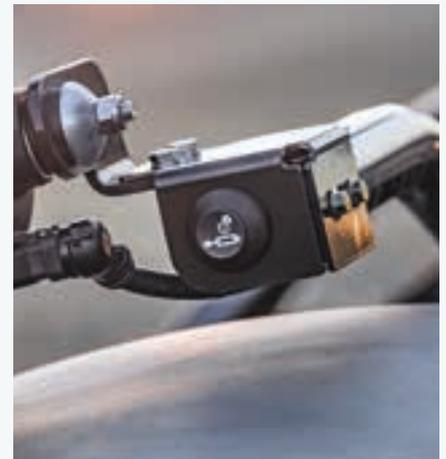
* SAHR system (Spring Applied Hydraulic Release).

Manoeuvrability and steering modes

- Turning radius when 4WS is engaged is just 3.9m
- Transport mode permits the selection of 2WS only
- TH *Elite* models offer auto wheel alignment when switching between, all-wheel, crab and front steering; this feature is available as option for *Classic* and *Plus* models

Powerful hydraulics deliver fast work cycles.

Efficient hydraulics are key to telehandler productivity. This goes beyond pump capacity; efficient use of available oil, optimised ram sizes and effective control valves all making a contribution to overall performance. The new TH models benefit from New Holland's 20 years of telehandler development, careful attention to the design of the hydraulic circuit not just improving cycle times but also in ensuring performance is maintained in demanding conditions to include extreme heat. Up to two optional front auxiliary hydraulic outlets, complete with valves and diverters, to control front mounted attachments can be specified. Additional rear auxiliary lines are also available.



Hydraulic pump choice to tailor your needs

- S models are fitted with 120 L/min gear pump
- The joystick delivers full proportional control and enables multiple functions to be performed simultaneously

Variable pump delivers high output at low engine speeds

- TH *Classic*, *Plus* and *Elite* models are fitted with a high performance, variable displacement piston pump with a maximum output of 140 L/min
- Guaranteed to deliver high flow rates 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 in duties to include transport and when climbing a silage clamp

External pressure release switch

- Switch attachments over quickly and easily without returning to the cab by pressing the Aux pressure relief switch located above the front fender

Models		TH6.32 S	TH6.32	TH6.36	TH7.32 S	TH7.32	TH7.37	TH7.42	TH9.35
Hydraulic cycle times (unladen)									
Lift	(seconds)	7.4	6.7	6.7	7.4	6.7	6.7	6.7	6.7
Lower	(seconds)	5.6	5.2	5.2	5.6	5.2	5.2	5.2	5.2
Extend	(seconds)	5.5	5.2	5.2	6.5	6.2	6.2	6.2	7.9
Retract	(seconds)	3.7	3.7	3.7	4.4	4.5	4.5	4.5	6.3
Bucket Dump	(seconds)	3.1	2.8	2.8	3.1	2.8	2.8	2.8	2.8
Bucket Crowd	(seconds)	3.2	2.8	2.8	3.4	2.9	2.9	2.9	2.9



Strength by design.

New Holland employs state-of-the-art manufacturing techniques and has invested millions in the production line for TH models. Robot welding is a key manufacturing process and ensures consistent quality during chassis and boom construction.

- Hydraulic end-stroke dampers ensure smooth boom retraction and extension
- Dampers also protect the boom and operator from regular shock loads
- Engineered 40/60 weight distribution eliminates the need for bolt-on counterweights
- Excellent stability and traction is achieved when loaded
- Chassis strength is boosted as a result of the in-built mass
- 45° low profile headstock design enables complete filling of roof cavities
- 128° tilt angle on *S* models, 142° is default on *Classic*, *Plus* and *Elite*
- Manual or hydraulic attachment lock is available



Boom construction

- Twin U-shaped sections, 10mm - 12mm thick form the boom
- Heavy duty pins ensure optimum durability
- Boom wear pads are easy to adjust
- Boom brushes prevent debris entering the sliding sections



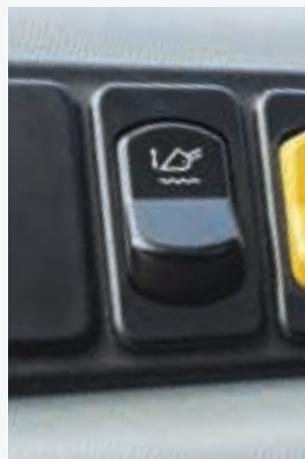
Lifting geometry

- Main lift ram is positioned under the boom
- Boom compensation cylinder faces rearward near the hinge point
- Both cylinders extend in opposite directions as the boom is raised
- This "opposite working" design improves boom control



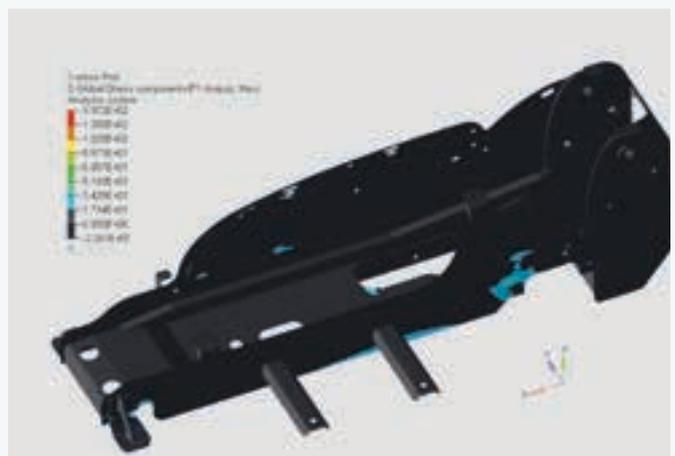
Boom suspension

- Optional boom suspension reduces shock loads over rough terrain
- Automatic deactivation occurs when the boom exceeds a 35° lift angle



Chassis construction

- H-shape ladder chassis is made from 25mm high tensile steel
- Robot welding ensures exceptional torsional rigidity
- Exceptionally strong boom support negates the need to add extra counterweights



360°: TH.

New Holland has worked hard to reduce the maintenance demands of its new TH telehandlers.



- Adjusting the telescopic boom pads has been simplified, a simple nut screw and lock nut system making adjustment quick and easy



- 140 litre fuel tank features a wide filler neck and is easy to access
- 27 litre capacity AdBlue tank is conveniently located next to the diesel tank for simultaneous refilling



- S models, feature just nine daily grease points on headstock
- *Classic*, *Plus* and *Elite* models feature 12 daily grease points
- Grouped grease nipples are optional to grease the axles, lift and compensation cylinders



Auto lubrication system

- New auto-lube system ensures that all important lubrication points receive the right amount of grease at the right time
- Manual activation is possible from the cab
- Headstock grease points are serviced by a separate dispenser unit
- An additional dispenser unit is fitted to the extra boom section on 9m models



- The engine air filter is easy to check, clean or replace, without the need for tools

The engine hood lifts on gas struts for full access.

The compact cooling package is mounted on a frame that enables the radiators to both swing out and tilt for easy cleaning.



New Holland Services.



Finance tailored to your business

CNH Industrial Capital, the financial services company of New Holland, is well established and respected within the agricultural sector. Advice and finance packages tailored to your specific needs are available. With CNH Industrial Capital, you have the peace of mind that comes from dealing with a financing company that specialises in agriculture.



Trained to give you the best support

Your dedicated New Holland dealer technicians receive regular training updates. These are carried out both through on-line courses as well as intensive classroom sessions. This advanced approach ensures your dealer will always have the skills needed to look after the latest and most advanced New Holland products.

Service Plus – because your peace of mind is priceless

Service Plus programme provides owners of New Holland agricultural machinery with repair services covering your machinery over the Manufacturer's contractual Warranty. Maximum control over operating costs, repairs completed by authorized NH Dealers using NH genuine parts, higher re-sale value of your machine, transferable coverage. You can choose from three levels of coverage:



Silver Cover - Powertrain

- The number of years of the cover: two, three, four or five years
- The number of hours of use (or number of bales for balers)
- Many other options to tailor the programme and meet your expectations

Gold Cover - Extended

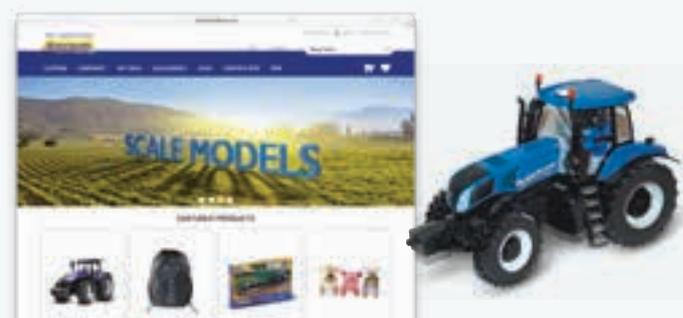
Platinum Cover - Full Repair

Please refer to your Dealer how to take out a Service Plus contract for your machinery



New Holland App

Product apps - iBrochure - NH Weather - NH News - Farm Genius - PLM Calculator - PLM Academy

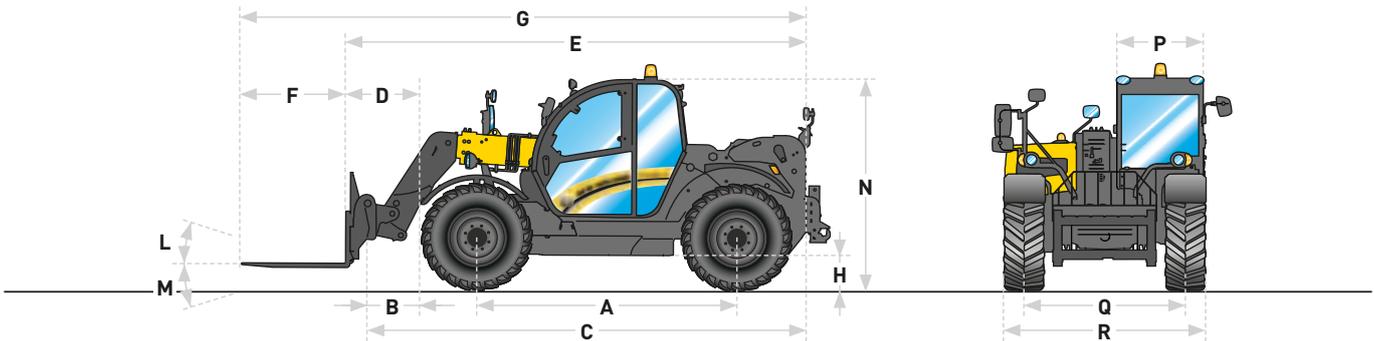


New Holland Style

Want to make New Holland a part of your everyday life? Browse the comprehensive selection on www.newhollandstyle.com. A whole range of items are available including hard wearing work clothing and a vast selection of scale models, together with so much more. New Holland. As individual as you.

Models	TH6.32 S	TH 7.32 S	TH6.32	TH7.32	TH7.37	TH9.35
Engine*						
Compliant with engine emissions regulations	NEF N45 Tier 4B / Stage 4					
Displacement (cm³)	4500					
No. of cylinders / Valves	4 / 4					
Aspiration	Turbo Intercooler					
Fuel system	High Pressure Common Rail					
Exhaust system	ECOBBlue™ HI-eSCR (Selective Catalyst Reduction)					
Rated power - ISO 14396 - ECE R120 [kW/hp(CV)]	89/121 @2000rpm					
Max power - ISO 14396 - ECE R120 [kW/hp(CV)]	98/133 @1800rpm					
Max torque - ISO 14396 - ECE R120 (Nm)	549 @1500rpm					
Transmission						
Traction	4WD					
Type of transmission	PowerShift™					
Number of gears (F/R)	4x3					
Gear shifting modes	Manual					
Gear shifting control	Incorporated on joystick					
Shuttling control	Lever on steering column					
Max speed (kph)	34					
Brakes						
Service brake actuation	Hydraulic power assisted					
Service brake type	Oil immersed discs					
Discs per axle (front / rear)	6 / 4					
Parking brake	SAHR (Spring Applied Hydraulic Release) integrated in Front Axle					
Axles and differentials						
Front axle type	Limited Slip differential					
Rear axle type	Open differential	Limited Slip differential				Limited Slip differential
Steering						
Actuation	Power steering					
Operating modes	2WS, 4WS, Crab					
Manual wheel alignment with visual indicators	●	●	○	○	○	○
Automatic wheel alignment	-	-	○	○	○	○
Tyres						
Size	460/70R24				460/70R24 - 500/70R24	
Pattern type	Agriculture, Industrial, Hybrid					
Hydraulics						
Gear pump - 120lpm / 240bar	●	●	-	-	-	-
Variable flow pump - 140lpm / 240bar	-	-	●	●	●	●
Front auxiliary flow (lpm)	90				130	
Rear auxiliary flow (lpm)	110				140	
Boom/Tilt control	Pilot					
Boom extension control	Electro-Proportional					
Auxiliary circuits control	Electro-Hydraulic (on/off)					
Cycle time - Lift / Lower (seconds)	7.4 / 5.6	7.4 / 5.6	6.7 / 5.2	6.7 / 5.2	6.7 / 5.2	6.7 / 5.2
Cycle time - Extend / Retract (seconds)	5.5 / 3.7	6.5 / 4.4	5.2 / 3.7	6.2 / 4.5	6.2 / 4.5	7.9 / 6.3
Cycle time - Dump / Crowd (seconds)	3.1 / 3.2	3.1 / 3.4	2.8 / 2.9	2.8 / 2.9	2.8 / 2.9	2.8 / 2.9
Electrical						
Alternator (Amps)	120					
Battery	12V - 180Ah - 1000A					
Cab						
Vision	360°					
Structure	ROPS - ISO 3471 / FOPS - ISO 3449					
Cab noise level - LpA - ISO 6396:2008 (dB[A])	71					
Heating	●	●	●	●	●	●
Air conditioning	○	○	○	○	○	○
Mechanical suspension seat	●	●	●	●	●	●
Air suspension seat	○	○	○	○	○	○
Heated Air suspension seat	○	○	○	○	○	○
Joystick mount	Console mounted					
Steering column	Tilting					
Capacities						
Fuel tank (Litres)	140					
AdBlue tank (Litres)	27					
Engine oil (Litres)	12					
Hydraulic oil tank (Litres)	105					

● Standard ○ Optional - Not available * Developed by FPT Industrial

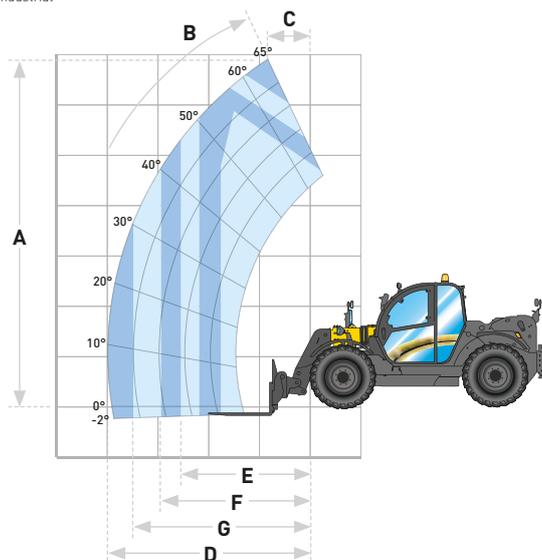


Models	TH6.32 S	TH6.32	TH6.36	TH7.32 S	TH7.32	TH7.37	TH7.42	TH9.35
Dimensions								
A Wheelbase (mm)	3000	3000	3000	3000	3000	3000	3000	3000
B Axle to carrier (mm)	1030	1030	1030	1280	1280	1280	1280	1510
C Carrier to rear of machine* (mm)	4860	4860	4860	5110	5110	5110	5110	5340
D Axle to fork heel (mm)	1160	1160	1160	1410	1410	1410	1410	1640
E Fork heel to rear of machine* (mm)	4990	4990	4990	5240	5240	5240	5240	5470
F Pallet forks length (mm)	1200	1200	1200	1200	1200	1200	1200	1200
G Overall length (mm)	6190	6190	6190	6440	6440	6440	6440	6670
H Ground clearance** (mm)	415 / 440	415 / 440	415 / 440	415 / 440	415 / 440	415 / 440	415 / 440	415 / 440
L Rollback angle (°)	19	24	24	19	24	24	24	24
M Dump angle (°)	109	118	118	109	118	118	118	118
Total angle (°)	128	142	142	128	142	142	142	142
N Cab height** (mm)	2445 / 2470	2445 / 2470	2445 / 2470	2445 / 2470	2445 / 2470	2445 / 2470	2445 / 2470	2445 / 2470
P Cab width (mm)	1020	1020	1020	1020	1020	1020	1020	1020
Q Wheel track** (mm)	1870 / 1840	1870 / 1840	1870 / 1840	1870 / 1840	1870 / 1840	1870 / 1840	1870 / 1840	1870 / 1840
R Overall width (outside tires) (mm)	2340	2340	2340	2340	2340	2340	2340	2340
Turning radius outside tires - 4WS** (mm)	3910	3910	3910 / 4090	3910	3910	3910 / 4090	3910 / 4090	3910 / 4090
Operating weight*** (kg)	7940	7940	7940	8000	8000	8000	8000	8580

* Without rear hitch ** with 470/70R24 / with 500/70R24 *** Includes forks, full fuel tank and driver

Models	TH6.36 Plus	TH7.32 Plus	TH7.37 Plus	TH7.42 Plus	TH9.35 Plus	TH6.36 Elite	TH7.37 Elite	TH7.42 Elite
Engine*								
Compliant with engine emissions regulations	NEF N45 Tier 4B / Stage 4							
Displacement (cm³)	4500							
No. of cylinders / Valves	4 / 4							
Aspiration	Turbo Intercooler							
Fuel system	High Pressure Common Rail							
Exhaust system	ECObLue™ HI-eSCR (Selective Catalyst Reduction)							
Rated power - ISO 14396 - ECE R120 [kW/hp(CV)]	89 / 121 @2200rpm				96 / 131 @2200rpm			
Max power - ISO 14396 - ECE R120 [kW/hp(CV)]	98 / 133 @1800rpm				107 / 146 @1800rpm			
Max torque - ISO 14396 - ECE R120 (Nm)	549 @1500rpm				591 @1400rpm			
Transmission								
Traction	4WD							
Type of transmission	PowerShift™							
Number of gears (F/R)	6x3							
Gear shifting modes	Manual, Semi-Auto				Incorporate on joystick		Manual, Semi-Auto, Full-Auto	
Gear shifting control	Lever on steering column				Incorporate on joystick		Incorporate on joystick optional lever on steering column	
Shuttling control								
Max speed (kph)	34							
Brakes								
Service brake actuation	Hydraulic power assisted							
Service brake type	Oil immersed discs							
Discs per axle (front / rear)	6 / 4							
Parking brake	SAHR (Spring Applied Hydraulic Release) integrated in Front Axle							
Axles and differentials								
Front axle type	Limited Slip differential							
Rear axle type	Limited Slip differential							
Steering								
Actuation	Power steering							
Operating modes	2WS, 4WS, Crab							
Manual wheel alignment with visual indicators	●	●	●	●	●	●	●	●
Automatic wheel alignment	○	○	○	○	○	○	○	○
Tyres								
Size	460/70R24 - 500/70R24		460/70R24		460/70R24 - 500/70R24			
Pattern type	Agriculture, Industrial, Hybrid							
Hydraulics								
Variable flow pump - 140lpm / 240bar	●	●	●	●	●	●	●	●
Front auxiliary flow (lpm)	130							
Rear auxiliary flow (lpm)	140							
Boom/Tilt control	Pilot				Electro-Proportional		Electro-Proportional	
Boom extension control								
Auxiliary circuits control	Electro-Hydraulic (on/off)							
Cycle time - Lift / Lower (seconds)	6.7 / 5.2	6.7 / 5.2	6.7 / 5.2	6.7 / 5.2	6.7 / 5.2	6.7 / 5.2	6.7 / 5.2	6.7 / 5.2
Cycle time - Extend / Retract (seconds)	5.2 / 3.7	6.2 / 4.5	6.2 / 4.5	6.2 / 4.5	7.9 / 6.3	5.2 / 3.7	6.2 / 4.5	6.2 / 4.5
Cycle time - Dump / Crowd (seconds)	2.8 / 2.9	2.8 / 2.9	2.8 / 2.9	2.8 / 2.9	2.8 / 2.9	2.8 / 2.9	2.8 / 2.9	2.8 / 2.9
Electrical								
Alternator (Amps)	120							
Battery	12V - 180Ah - 1000A							
Cab								
Vision	360°							
Structure	ROPS - ISO 3471 / FOPS - ISO 3449							
Cab noise level - LpA - ISO 6396:2008 (dB(A))	71							
Air conditioning	●	●	●	●	●	●	●	●
Air suspension seat	○	○	○	○	○	○	○	○
Heated Air suspension seat	○	○	○	○	○	○	○	○
Joystick mount	Console mounted				Seat mounted			
Steering column	Tilting and telescopic							
Capacities								
Fuel tank (Litres)	140							
AdBlue tank (Litres)	27							
Engine oil (Litres)	12							
Hydraulic oil tank (Litres)	105							

● Standard ○ Optional - Not available * Developed by FPT Industrial



Models	TH6.32	TH6.36	TH7.32	TH7.37	TH7.42	TH9.35
Main performance						
A Max lift height (mm)	6050	6050	7000	7000	7000	9150
B Max lift angle (°)	61	61	65	65	65	61
C Reach at max lift height (mm)	900	900	850	850	850	2660
D Max forward reach (mm)	3300	3300	4050	4050	4050	6800
E Reach with 2000 kg load (mm)	2550	3000	2950	3130	3500	3470
F Reach with 1500 kg load (mm)	3100	3300	3650	3820	4050	4220
G Reach with 1000 kg load (mm)	3300	3300	4050	4050	4050	5280
Max lift capacity (kg)	3200	3600	3200	3700	4200	3500
Lift capacity at full height (kg)	3200	3600	2500	2500	2500	1500
Lift capacity at full reach (kg)	1350	1500	1300	1400	1500	500

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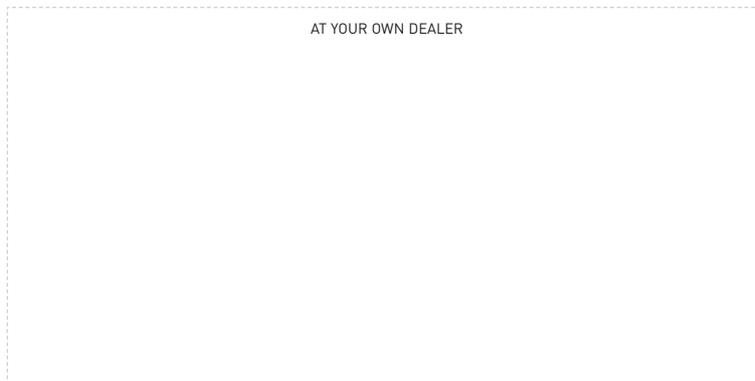
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