# 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.

# More models, more choice

A wider six model range, consisting of TH6.32, TH6.36, TH7.32, TH7.37, TH7.42 and TH9.35 models from 6.1 to 9.1 meters, is packagedwithin thirteen model versions, divided into Classic, Plus and Elite variants, to cater for the different performance needs of our customers. Designed for applications to include materials handling, yard work and stacking large bales, the Classic telehandlers are the ideal choice for arable, mixed farm and contract applications. Plus & Elite telehandlers are 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.

# **Productivity raising features**

The range benefits from all new 4x3 and 6x3 PowerShift<sup>TM</sup> transmissions, providing smoother shifting and shuttling performance resulting in a better driving experience. Compliant to Stage V 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. A choice of rear trailer hitch types and hydraulic brake coupling, dependant upon market, are available. The best in class 1000 hour service intervals ensure your investment is kept busy working for longer.

# 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 thirteen variants, with three models within the important 7m category. Elite models feature 145hp 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 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 1000-hour service intervals.

6.1m - 9.1m max reach

Automatic reversible cooling fan

Stage V ECOBlue™ HI-eSCR 2 engine, up to 145hp

1000 hour service intervals



3 mode steering with auto alignment option



# 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	Capacity	Power	
	m	kg	hp	
TH6.32 Classic	6.1	3200	133	
TH7.32 Classic	7.0	3200	133	
TH7.37 Classic	7.0	3700	133	
TH9.35 Classic	9.1	3500	133	



New Holland offers more budget focused operators a wide choice of models across the TH range, Classic models represent value for money without compromising productivity. All Classic models feature Stage V, 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 140L/min variable displacement pump and manual three-mode steering system add to the high levels of equipment offered on Classic models.

# Standard models features include:

- •limited slip diffrear axle
- •reversible cooling fan
- •142° dump angle
- •140lpm variable pump
- •1,000hr service intervals



Model	Max reach	Capacity	Power		
	m	kg	hp		
TH6.36 Plus	6.1	3600	133		
TH7.32 Plus	7.0	3200	133		
TH7.37 Plus	7.0	3700	133		
TH7.42 Plus	7.0	4200	133		
TH9.35 Plus	9.1	3500	133		
TH6.36 Elite	6.1	3600	145		
TH7.37 Elite	7.0	3700	145		
TH7.42Elite	7.0	4200	145		
TH9.35 Elite	9.1	3500	145		

### 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 145hp respectively from a Stage V, 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. The Elite range now includes the TH9.35 Elite model featuring a 9.1m reach aimed squarely at professional straw business.

### Plus models features include:

- •air suspendedseat
- •HVAC ventilation system
- •hydraulic quick coupler
- •rear cablight pack
- •telescopic steering column
- •1,000hr service intervals

# Elite models features include:

- •hydraulic pressure release
- •armrest mounted joystick
- •rear cab and boom light pack
- •heated air suspensed seat
- •automatic steering alignment
- •rear electrical sockets
- •40kph max speed
- •1,000hr service intervals

# Seemore 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 speedsup attachment changeovers.

# More glass, brilliant visibility

Extensive research by New Holland has lead 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 2 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 daylong 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 Classic; Plus also features height adjustment
- •A pneumatic suspendedseat is optional on Classic but is default specon Plus models. For all models the air suspendedseat can be upgraded with a heating function

# Clean performance. Responsive productivity.









TH telehandlers are powered by Stage V compliant, NEF 4.5 litre, 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 2 technology, have industry leading 1000 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 145hp 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 convertor, 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.





- •Main engine radiator fan reverses every 6 minutes and runs for
- •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 aircon, fuel cooler and transmission radiators





### Bigger tyres, more choice

- •TH telehandlers are fitted with 460/70R24tyres
- •Wider 500/70R24 option can be specified
- •Ground clearance at the lowest point under the axles is a generous 415mm
- •Industrial tyre option are now available in 460 and 500mm sizes



# New TH 4x3 transmission keeps it simple

- •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 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 beyondpump 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 cycletimes 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.





# Variable pump delivers high output at low engine speeds

- •TH models are fitted with a high performance, variable displacement piston pump with a maximum output of 140L/min
- •Guaranteed to deliver high flow rates at all engine speedsbut 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 abovethe front fender

Models		TH6.32	TH6.36	TH7.32	TH7.37	TH7.42	TH9.35
Hydraulic cycletimes (un	laden)						
Lift	(seconds)	6.7	6.7	6.7	6.7	6.7	6.7
Lower	(seconds)	5.2	5.2	5.2	5.2	5.2	5.2
Extend	(seconds)	5.2	5.2	6.2	6.2	6.2	7.9
Retract	(seconds)	3.7	3.7	4.5	4.5	4.5	6.3
Bucket Dump	(seconds)	2.8	2.8	2.8	2.8	2.8	2.8
Bucket Crowd	(seconds)	2.8	2.8	2.9	2.9	2.9	2.9



# Strength by design.

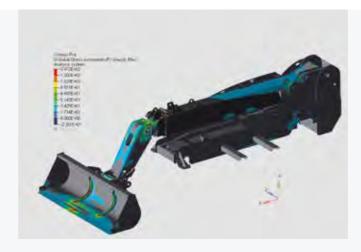
New Holland employs state-of-the-art manufacturing techniques and has invested millions in the production line for TH models. Robot welding is a key manufacturing process and ensures consistent quality during chassis and boom construction.

- •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 boostedas a result of the in-built mass
- •45° low profile headstock design enables complete filling of roof cavities
- •142° tilt angle is default on all models and versions
- •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



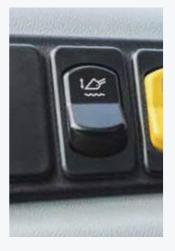
# Lifting geometry

- •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 torisonal 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 and now boasts industry leading service intervals of 1000 hours for the engine and 1000 hours for the transmission oil.

> The engine hood lifts on gas struts for full access.



•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 convieniently located next to the diesel tank for simultaneous refilling



- •All 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

1000 hour service interval for engine.

1000 hour service interval for transmission oil.

package is mounted on a frame that enables the radiators to both swing out

# 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 companythat 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 approachensures your dealer will always have the skills needed to look after the latest and most advancedNew Holland products.

### Service Plus – because your peace of mind is priceless

Service Plus programme providesowners 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

### Gold Cover - Extended

Platinum Cover- Full Repair

- 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

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



MyNew Holland



Harvest Excellence



Calculator





### **New Holland App**

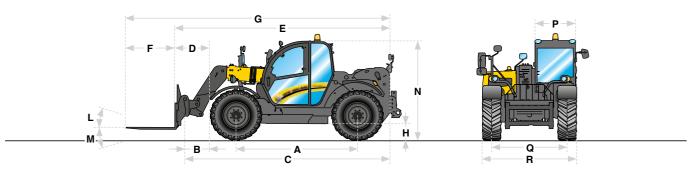
MyNew Holland - Harvest Excellence- Grain Loss Calculator -Product Apps- New Holland Weather - PLM Solutions -PLM Calculator - PLM Academy

### **New Holland Style**

Want to make New Hollanda part of your everydaylife? Browse the comprehensive selection on www.newhollandstyle.com. Awhole 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 Classic	TH7.32 Classic	TH7.37 Classic	TH9.35 Classic				
Engine*			NEF						
Compliant with engine emissions regulations			Stag	je V					
Displacement / No. of cylinders / Valves	(cm³)		4500/	4/4					
Aspiration		Turbo Aftercooler							
Fuel system		High Pressure Common Rail							
Exhaust system		ECOBlue™HI-eSCR 2 (Selective Catalyst Reduction)							
	[1/1//ham/C\/\]		89/121@2000rpm						
Rated power - ISO14396 - ECE R120	[kW/hp(CV)]								
Max power - ISO14396 - ECE R120	[kW/hp(CV)]		98/133@						
Max torque - ISO14396 - ECE R120	(Nm)		549@15	500rpm					
Transmission									
raction			4W						
Typeof transmission			Power	Shift™					
Number of gears	(FxR)		4x	3					
Gear shifting modes			Mar	nial					
Gear shifting control			Incorporated						
Shuttling control			Lever on stee	ering column					
Max speed	/Lunda		3	4					
	(kph)		3	4					
Brakes									
Service brake actuation			Hydraulic po						
Service brake type			Oil immer						
Discs per axle	(front / rear)		6/	4					
Parking brake			SAHR (Spring Applied Hydraulic I	Release) integrated in Front Axle					
Axles and differentials			(	,					
ront axle type			Limited Slip	differential					
Rear axle type			Limited Slip	dillerential					
Steering									
Actuation			Power s						
Operating modes			2WS, 4W	/S, Crab					
Manual wheel alignment with visual indicators		I	I	I	I				
Automatic wheel alignment		0	0	0	0				
Tyres									
		100 7	TODO 4	100/70001	500 70D0 4				
Size		460//	70R24	46U/70H24	- 500/70R24				
Pattern type			Agriculture	. Industrial					
lydraulics			<b>y</b>	,					
Variable flow pump - 140 lpm / 240 bar		I	I	I	T				
	· · · · · · · · · · · · · · · · · · ·		l						
ront auxiliary flow	(lpm)		13						
Rear auxiliary flow	(lpm)		14						
Boom/Tilt control			Pil						
Boom extension control			Electro-Pro	oportional					
Auxiliary circuits control			Electro-Hydr	aulic (on/off)					
Cycletime - Lift / Lower	(seconds)	6.7 / 5.2	6.7 / 5.2	6.7 / 5.2	6.7 / 5.2				
Cycletime - Extend / Retract	(seconds)	5.2 / 3.7	6.2 / 4.5	6.2 / 4.5	7.9 / 6.3				
Cycletime - Dump / Crowd	(seconds)	2.8 / 2.9	2.8 / 2.9	2.8 / 2.9	2.8 / 2.9				
Electrical	(SCCOTIUS)	2.01 2.3	2.012.3	2.012.3	2.07 2.3				
	/* \			20					
lternator	(Amps)		12						
Battery			12V-180A	Ah-1000A					
Cab									
/ision			36	0°					
tructure			ROPS - ISO 3471						
Cab noise level - LpA - ISO6396:2008	[dB(A)]		7						
leating	[GD(\(\ta\)]	I		·	T				
			0	 O	0				
ir conditioning		0							
Mechanical suspension seat		I	<u> </u>	<u>l</u>	ļ				
Air suspension seat		O	0	0	0				
Heated Air suspension seat		0	0	0	0				
oystick mount			Console	mounted					
Steering column			Tilti						
Capacities			1110						
uel tank / AdBlue tank	(Litres)		140	/ 27					
		12							
Engine oil Hydraulic oil tank	(Litres) (Litres)								

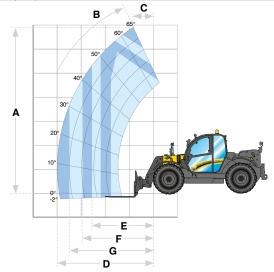




Models		TH6.32	TH6.36	TH7.32	TH7.37	TH7.42	TH9.35
Dimensions							
A Wheelbase	(mm)	3000	3000	3000	3000	3000	3000
B Axle to carrier	(mm)	1030	1030	1280	1280	1280	1510
C Carrier to rear of machine*	(mm)	4860	4860	5110	5110	5110	5340
D Axle to fork heel	(mm)	1160	1160	1410	1410	1410	1640
E Fork heel to rear of machine*	(mm)	4990	4990	5240	5240	5240	5470
F Pallet forks length	(mm)	1200	1200	1200	1200	1200	1200
G Overall length	(mm)	6190	6190	6440	6440	6440	6670
H Ground clearance	(mm)	415	415 / 440	415	415 / 440	415 / 440	415 / 440
L Rollback angle	(°)	24	24	24	24	24	24
M Dump angle	(°)	118	118	118	118	118	118
Total angle	(°)	142	142	142	142	142	142
N Cab height**	(mm)	2445	2445 / 2470	2445	2445 / 2470	2445 / 2470	2445 / 2470
P Cab width	(mm)	1020	1020	1020	1020	1020	1020
Q Wheel track**	(mm)	1870	1870 / 1840	1870	1870 / 1840	1870 / 1840	1870 / 1840
R Overall width (outside tires)	(mm)	2340	2340	2340	2340	2340	2340
Turning radius outside tires - AWS**	(mm)	2010	2010 / 4000	2010	2010 / 4000	2010 / 4000	2010 / 4000

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	TH9.35 Elite
Engine*						NEF N45		,	,0	,0
Compliant with engine emissions regulations						Stage V				
Displacement / No. of cylinders / Valves	(cm <sup>3</sup> )					4500 / 4 / 4				
Aspiration	10				Т	urbo Aftercoole	or			
Fuel system			High Pressure Common Rail							
Exhaust system		ECOBlue™HI-eSCR 2 (Selective Catalyst Reduction)								
Rated power - ISO14396 - ECE R120	[kW/hp(CV)]			39/121@2200rpr	Oblue ···· HI-e3C	n z (selective i	Catalyst neutici	1011)	2200rpm	
Max power - ISO14396 - ECE R120	[kW/hp(CV)]			98/133@1800rpi					22001pm 91800rpm	
	(Nm)									
Max torque - ISO14396 - ECE R120  Transmission	(INM)			549@1500rpm				591@1	400rpm	
						414/5				
Traction						4WD				
Typeof transmission						PowerShift™				
Number of gears	(FxR)					6x3				
Gear shifting modes			M	lanual, Semi-Aı	uto			Manual, Semi-	Auto, Full-Auto	)
Gear shifting control					Inco	orporate on joys	stick			
Shuttling control			Leve	r on steering co	olumn		O	Incorporate ational lever or	e on joystick steering colur	mn
Max speed	(kph)			34			<del>-</del>		10	
Brakes	(,			-						
Service brake actuation					Hvdr	aulic power as	sisted			
Service brake type						il immersed dis				
Discs per axle	(front / rear)					6 / 4				
Parking brake	(IIOIII / ICal)			SAHD (Sn	oring Applied Hy		a) intograted in	Front Aylo		
Axles and differentials				OAI II (OL	ning Applicatily	ruraulic i icicasi	e) integrated in	TIOHI AXIC		
Front axle type					1.5-2	ited Slip differe	-41-1			
Rear axle type					LIM	ited Slip differe	entiai			
Steering										
Actuation						Power steering				
Operating modes						2WS, 4WS, Cral	b			
Manual wheel alignment with visual indicators		I	<u>l</u>	l	I	l	l			l <del>-</del>
Automatic wheel alignment		0	0	0	0	0	l I	I	1	I
Tyres										
Size		460/70R24 - 500/70R24	460/70R24			460,	/70R24 - 500/70	)R24		
Pattern type		300//01124			Ααι	riculture, Indus	trial			
Hydraulics					Agi	riculture, iridus	u icu			
Variable flow pump - 140lpm / 240bar		1	1		1	1	1			1
	(lana)	·	·	l	I	130	l	l	·	I
Front auxiliary flow	(lpm)									
Rear auxiliary flow	(lpm)			Dilet		140		Flactur D		
Boom/Tilt control				Pilot		:	l	Electro-Pi	oportional	
Boom extension control						ectro-Proportio	nai			
Auxiliary circuits control				tro-Hydraulic (d			ļ <u></u>		oportional	
Cycletime - 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	6.7 / 5.2
Cycletime - 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	7.9 / 6.3
Cycletime - 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	2.8 / 2.9
Electrical										
Alternator	(Amps)					120				
Battery					1	2V-180Ah-1000	)A			
Cab										
Vision						360°				
Structure					ROPS - IS	O 3471 / FOPS	- ISO 3449			
Cab noise level - LpA - ISO6396:2008	[dB(A)]					71				
Air conditioning	[35// 1]	I		I	I I	Ií	I I	I	I I	I I
Air suspension seat		·i	·	† <del>i</del>	† <del>i</del>	ti	† <u>-</u>	<u>-</u>	† <u>-</u>	† <u>:</u>
Heated Air suspension seat		0	0	0	0	0	+ <del>-</del>		·	† <u>-</u>
Joystick mount		·		Console mounte		·	<u> </u>	Coot =	nounted	L
				JULISUIE ITIUUITIE		ing and tale -	l	Seal II	ioui ileu	
Steering column					IIIT	ing and telesco	opic			
Capacities	/I the					440.4.07				
Fuel tank / AdBlue tank	(Litres)					140 / 27				
Engine oil	(Litres)					12				
Hydraulic oil tank	(Litres)					105				

I Standard O Optional - Not available \* Developed by FPT



Models		TH6.32	TH6.36	TH7.32	TH7.37	TH7.42	TH9.35
Main performance							
Max lift capacity	(kg)	3200	3600	3200	3700	4200	3500
Lift capacityat full height	(kg)	3200	3600	2500	2500	2500	1500
Lift capacityat full reach	(kg)	1350	1500	1300	1400	1500	500
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

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