

FRONT LOADERS

300TL | 500TL | 600LA | 700LA series



A hard working partnership.

Quite simply New Holland loaders have been designed for New Holland tractors, and New Holland tractors have been designed for New Holland loaders. This fully integrated strategy ensures that you can unlock the full potential of your tractor, significantly enhancing its versatility and boosting your productivity and profitability. New Holland also knows that operational flexibility is at the top of all tractor users' agendas, therefore, four distinct loader ranges have been developed: the new 700LA, the new 600LA, the 500TL and the 300TL. This ensures that every tractor from the entry-level Boomer 20 which develops 23hp, right up to the T7.270 Long wheelbase with 270hp on tap, is fitted with the perfect loader for its tasks in hand.

Blue Power Loader Arm

You can now select a Blue Power loader arm to perfectly match your striking Blue Power tractor. Loader work has never looked so stylish.

Blue Power

Select the loader which is right for you

Each farm and each tractor is different, with individual requirements and specific operating profiles. As such, New Holland has developed a range of loaders that will satisfy your requirements. With lift heights from 2m to a mighty 4.8m and with capacity from 443kg to an impressive 3385kg, you'll be sure to find the loader which meets your needs.



Model	Tractor power hp	Max. lift height mm	Max. lift capacity kg
320TL	20	2000	435
330TL	35	2290	653
340TL	50	2435	969
350TL	55	2590	989
360TL	60	2800	1193

Model	Tractor power hp	Max. lift height mm	Max. lift capacity kg
505TL	60	2760	1400
510TL	65	3010	1591
520TL	80	3460	1846
530TL	105	3760	1999
540TL	115	4080	2141

Model	Tractor power hp	Max. lift height mm	Max. lift capacity kg
655LA	70	3550	2060
665LA	90	3550	2417
670LA	90	3550	2417
675LA	100	3850	2345
685LA	110	3850	2723
680LA	110	3850	2723
695LA	110	3850	3131
690LA	110	3850	3131

Model	Tractor power hp	Max. lift height mm	Max. lift capacity kg
715LA	110	4100	2559
725LA	120	4100	2937
735LA	140	4100	3345
730LA	140	4100	3345
745LA	180	4320	2712
755LA	180	4320	3487
750LA	180	4320	3487
765LA	230	4550	2631
775LA	230	4550	3385
785LA	270	4800	3385



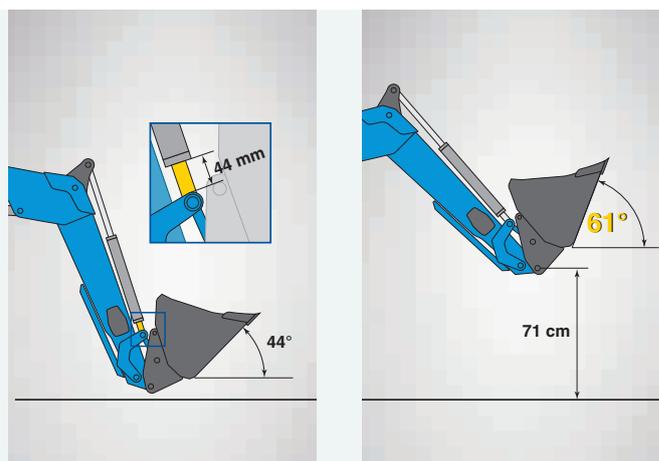
600LA & 700LA. Premium loaders for demanding operations.

Think premium loader. Think 600LA & 700LA. This range delivers premium loader technology. Always. The 600LA & 700LA was conceived with ease of operation in mind, and as such the integrated pipework and sleek design enhance visibility and reliability. The heavy duty construction means that your 600LA & 700LA will lift the heaviest loads day in day out, season in season out, without ever tiring. The electronic controls for fingertip loader precision complete this luxury loader package. Compatible with the T4, T5, T6 and T7 tractor ranges, you've found your perfect productivity partner.



Extra scoop. Fully loaded.

To ensure that your loader bucket is 100% full, the standard extra scoop functionality features a 44° tilt angle at ground level. As the boom is raised, this travel increases the tilt angle by up to 17° during the first 50cm of lift to minimise losses from the lip of the bucket. More grain in every scoop. Speeding up loading to enhance your productivity.



Keeping every grain safe

When handling valuable wheat or rape seed, you need to make every grain count, and to guarantee that every valuable grain stays in the bucket and is delivered to its destination. That's where the optional mechanical self-levelling system comes in. This patented system features a built-in control arm which manages the self-levelling function to ensure your bucket stays parallel to the ground, throughout the entire lift cycle.



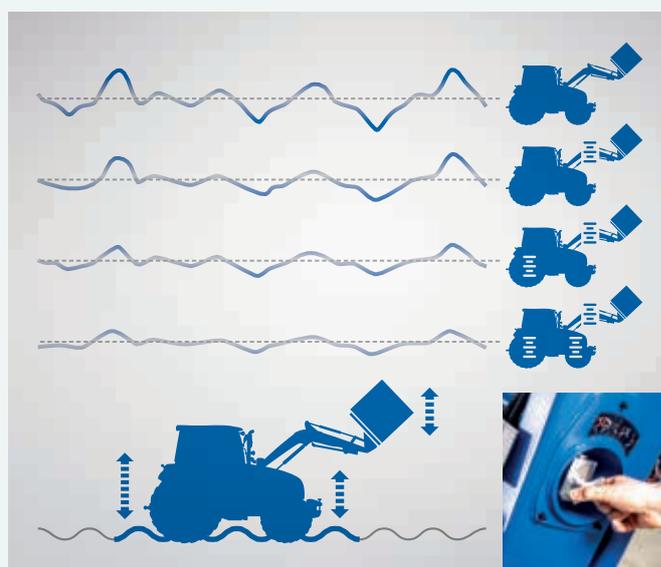
New button Controlled Active Extra Scoop + Return to level

Thanks to the new return to level function the loader attachment is automatically repositioned back to a pre-set position at the touch of a button. Once the implement is set, it will return to the same position again and again greatly increasing productivity. An added benefit is as system is integrated into the lifting arms, the driver can always access this function, even if they have mounted the front loader onto a different tractor. The electric selectable Fast Tip feature is also standard with the Return-to-Level system completing this advance package.



Silky-smooth ride control

When transporting heavy loads across bumpy terrain you can easily lose valuable grain and operator comfort also suffers. That's where Smooth Ride control steps in. This damping system is integrated into the cross member of the loader arm to protect the operator from shock loads from uneven terrain. The integrated accumulator has been designed to offer maximum damping performance regardless of the degree of input. When combined with Comfort Ride™ cab suspension and Terraglide™ front axle suspension, you've got the smoothest ride guaranteed.



Intuitive operation. Robust construction.

The 500TL is the fruit of extensive consultation with customers the world over, so you know that when you choose a 500TL it will be right for your farm. How? Well, a farmer just like you has been involved in its design from the very beginning. The 500TL range was conceived with livestock farmers in mind, as its durable, robust and simple design offers dependable productivity in every operation. No matter what your tractor, whether a TD3.50, a T4 PowerStar, a T4 or even a T5S, you've just found the key to efficient productivity and operational simplicity.



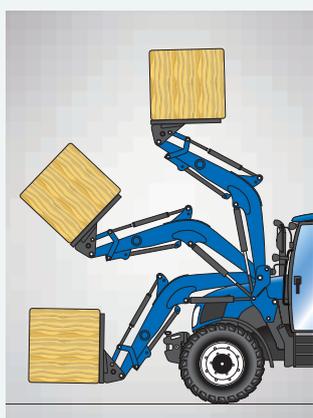
Large scoop angles

To offer the ultimate in operational flexibility, the 500TL range features up to 46° of crowd and 58° of tip to ensure each bucket is perfectly full, but also that it is completely emptied for efficient unloading of even the stickiest material.



Visibility tool level indicator

A visible attachment level indicator has been integrated into the 500TL's design. This indicator is easily visible from the comfort of the seat and provides operators with an at a glance reading of the actual inclination of the attachment.



Non self-levelling system

The standard non self-levelling system delivers traditional robust operation. Simple to operate, it is perfect for straw-focused operations which need to stack large quantities of bales in super-fast time.



A steady hand for a full bucket

When handling valuable wheat or rape seed, you need to make every grain count, and ensure that every valuable grain stays in the bucket and is delivered to its location. That's where the optional mechanical self-levelling system comes in.



Super smooth ride

The integrated boom damping system on the optional Smooth Ride system absorbs even the harshest bumps during high speed transport, and is perfect when transporting heavy hay bales across uneven fields during feeding. Want more? How about a 'lock-out' functionality, which deactivates the damping to enable precision placement without compensation. Perfect when tipping grain or stacking pallets.

Operator focused design.

In order to be efficient, loader operation must be intuitive. It must become second nature to the operator, as though the loader were an extension of themselves. That is what the LA and TL loaders deliver thanks to a range of control options. As New Holland tractors have been designed with loaders in mind, unfettered visibility throughout the entire lift cycle is guaranteed. The extended front windscreen and super high visibility roof panel which is on the T5 Dynamic Command and Auto Command range, has the lowest obscured band in its respective segment, means you are guaranteed best in class visibility. Combine this with additional benefits such as shuttle aggressiveness settings and our dynamic/start stop brake-to-clutch system, gives a premium loader operating experience.





CustomSteer™: variable ratio steering

The optional CustomSteer™ function, available on T6 and T7 series tractors, puts you in control of steering wheel inputs. Through the IntelliView™ monitor or via a dedicated switch, you can control just how many turns of the wheel are required for lock-to-lock functionality. If you want to conduct tight turns, say when turning on the headland or when conducting loader work, you can programme the tractor to deliver lock-to-lock turning with anything as few as one complete steering wheel revolution, instead of the standard four. Saving you time and effort.



Advanced joystick

The advanced joystick makes for the perfect option when conducting intensive loader work. Whether you are feeding cattle or moving bales, the ability to control electronic remote valves, shuttle between forward / reverse and change gear on Dynamic Command models through the ergonomically integrated buttons without having to remove your hand from the loader controls is a surefire productivity booster.



Bright lights for dark nights

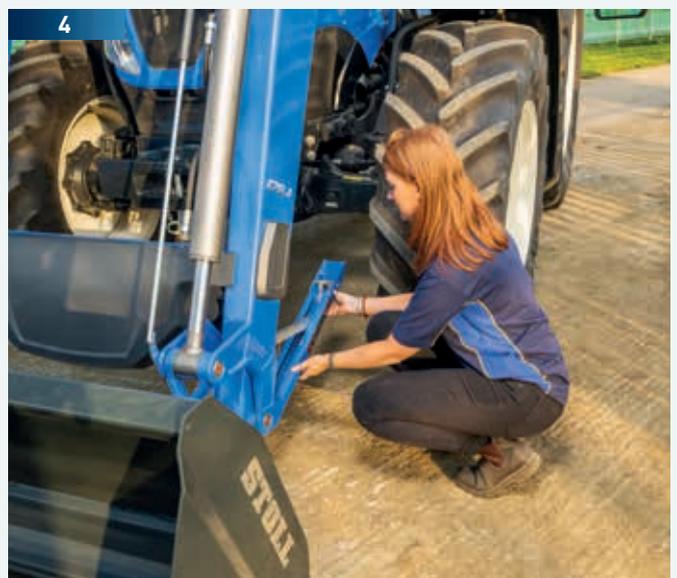
Lighting up the way for improved night-time productivity and total safety is a New Holland key priority, accomplished by bringing into the farming world the latest automotive sector innovations, such as LED lights. This has now continued with an optional LED light packaging being integrated into the 600LA and 700LA loader arms.

Ready when you are.

Modern farming requires modern solutions, and, as the old adage goes, time is money. That is why New Holland loaders can be quickly and simply fitted by a single operator to maximise productive working time. Want more? How about changing your attachment in under 30 seconds. LA & TL loaders. Redefining efficient operation. In tight operating windows, you want to spend every second on productive work, choose the quick attach option. The Varipark self-levelling stands make attaching the loader even easier. Banish time consuming hydraulic line hook up to the annals of history: the Multi Quick coupler delivers single point hydraulic coupling. The simple single pin latch system further guarantees fast fitting and removal.

The unique easylock system

- 1 Drive the tractor to the parked loader. The couplings latch smoothly into the drop forged attachment hooks.
- 2 Lift the hydraulic and electric connector from the designated carried and connect them with the single point Multi Quick coupler.
- 3 Lock the towers and the arms together using the side handle.
- 4 Fold up the Varipark stands.



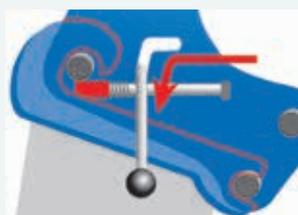


Optional hydraulic tool carrier

If you work with advanced livestock feeding buckets, which require hydraulic flow, the integrated hydraulic function on the Quick Release frame is for you. This provides hydraulic power to ensure smooth operation.

Select the carrier which suits you

The LA & TL ranges of loaders are all fully compatible with a wide range of carriers and attachments to offer you the ultimate in operational flexibility. Euro, Alö and SMS attachment carriages can be specified to enable a new loader to work with existing equipment. Typical forward thinking from New Holland. You can also select the optional advanced hydraulic tool locking system. This speeds up the attaching process, which is carried out from the comfort of the cab.



30 seconds. Job done.

In conjunction with quick attach technology, you can change your attachment in under 30 seconds. How? In three simple steps:

- Unlock the attachment safely from the side of the loader using the dedicated handle.
- Drive your tractor towards the tool.
- Locking is carried out automatically by tilting the tool.

Park your loader when it's not required

The quick attach functionality, together with the integrated Varipark self-levelling stands, make attaching and removing your loader a one person, super-fast task, even on uneven ground. So, when you don't need your loader, take it off. Why? To save fuel and to reduce tyre wear and also to protect your loader and enhance weight distribution. Need we say more?



Vast range of attachments

A loader isn't much use without a range of high performance attachments. The solution: New Holland offers a wide variety of attachments which complement the capacity of the TL range. Whether you're looking for a fork, grab or bucket, or maybe something a little bit different, New Holland will be able to help.

Compact loaders for compact tractors.

The 300TL range has been designed with compact tractors in mind. This range offers the ultimate in simple and easy to use operation, perfect for part time farmers, golf courses, stables and horticultural businesses. Its compact overall dimensions ensure that it offers access all areas loader productivity, easily negotiating the tightest turns and the narrowest doorways.

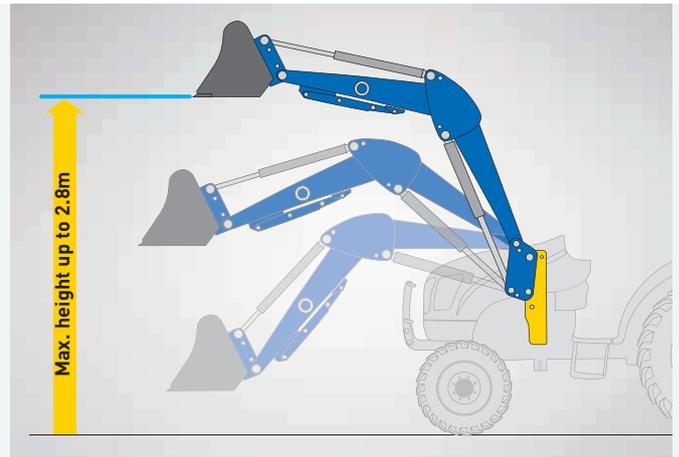
Mechanical Self-Levelling

If you need to maintain a fixed position to speed up the loading process, then mechanical self-levelling is for you. It is ideal for operations which extensively stack bales or pallets.



Impressive capacity

The 300TL offers outstanding lifting performance. The maximum lift heights range from 2.0 - 2.8 metres and make stacking bales as easy as 1-2-3. Maximum lift capacity ranges from 435 - 1193kg, providing you with more than enough capacity to tackle even the most demanding tasks with ease.



Simple attachment

A simple, easy to use system ensures that the loader is securely attached yet easy to remove when not required. The colour coded hydraulic lines are instantly attached and the loader arms and brackets are easy to align for hassle free attachment.



Ergonomic mechanical joystick

You can choose just where you want to position the easy to use mechanical joystick.



Quick release frame

Familiar to skidsteer users, this system enables implements to be quickly and easily changed.



14 SPECIFICATIONS

Models		655LA	665LA	670LA	675LA	685LA	680LA	695LA	690LA	715LA	725LA	735LA	730LA	745LA	755LA	750LA	765LA	775LA	785LA	
Self Levelling System		MSL	MSL	NSL	MSL	MSL	MSL	MSL	NSL	MSL	MSL	MSL	NSL	MSL	MSL	NSL	MSL	MSL	MSL	
Loader arm width	(mm)	● 916 / ○ 1100																		
Q1 Max. lift capacity at lower arm pivot point	(kg)	2060	2417	2345	2723			3131			2559	2937	3345		2712	3487		2631	3385	3385
Q2 Max. lift capacity at upper arm pivot point	(kg)	1519	1785	1581	1835			2101			1713	1968	2243		1927	2478		2060	2641	2274
N1 Payload lower arrow	(kg)	2060	2417	2060	2345	2723	2345	3131	2692	2559	2937	3345	2896	2712	3487	3059	2631	3385	3385	
N2 Payload upper arrow	(kg)	1519	1785	1499	1581	1835	1530	2101	1764	1713	1968	2243	1907	1927	2478	2121	2060	2641	2274	
R Max. break-open force at bucket edge	(kg)	2672	2947		2967	3620	3141	3620	3141	2957	3610	3926		3610	4670		3916	4650	4222	
Weight without tool and attached parts	(kg)	566	573	489	616	622	538	624	540	663	670	678	591	782	790	688	869	881	903	
H Max. lift height at pivot	(mm)	3550				3850				4100				4320		4550		4800		
L Loading height edge blade parallel	(mm)	3340				3640				3890				4110		4340		4590		
A Loading height edge blade tilted	(mm)	2470				2810				3060				3290		3490		3750		
B Loader height	(mm)	1680				1800				1945				1945		2045		2180		
W Reach, bucket tilted	(mm)	710				700				790				780		800		880		
S Digging depth	(mm)	210				210				210				210		210		210		
X Tilt angle standard	(° degrees)	41				44				44				44		44		45		
X1 Tilt angle Extra Scoop	(° degrees)	55	-	61		-	61	-	61		-	61		-	61	-	63	62		
Z Dump angle Loader Up	(° degrees)	62				57				57				56		58		58		
Min. tractor power	[kW/hp(CV)]	30/40	35/50	50/70		50/70			50/70	65/90	65/90		90/120		110/150		130/180			
Max. tractor power	[kW/hp(CV)]	51/70	65/90	75/100		80/110			80/110	90/120	105/140		130/180		170/230		200/270			
Smooth ride control		○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
Varipark stands		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
3rd Service		○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
3rd & 4th Service		○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
Fast Tip		-	-	○	-	○	-	○	-	-	-	-	-	-	-	-	-	-	-	
Extra Scoop		●	●	-	●	●	-	●	-	●	●	-	●	-	●	-	●	●	●	
Active Extra Scoop + Return to level (Button Controlled)		○	○	-	○	○	-	○	-	○	○	-	○	-	○	-	○	○	○	
Automatic mechanical attachment locking		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Hydraulic attachment locking (Euro & Euro/SMS)		○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
Euro quick-release frame		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
SMS/Euro quick-release combi-frame		○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
Alô/Euro quick-release combi-frame		○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
LED work lights		○	○	○	○	○	-	○	-	○	○	-	○	-	○	-	○	○	○	
New Holland Blue colour		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
New Holland Blue Power colour		○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	

NSL = Non Self Levelling MSL = Mechanical Self Levelling ● Standard ○ Optional - Not available

Models		505TL	510TL	520TL	530TL	540TL			
Self Levelling System		MSL	NSL	MSL	NSL	MSL			
Q1 Max. lift capacity at lower arm pivot point	(kg)	1400	1591		1846	1999	2141		
Q2 Max. lift capacity at upper arm pivot point	(kg)	900	1244		1295	1438	1560		
N1 Payload lower arrow	(kg)	1400	1336	1591	1550	1846	1703	1999	2141
N2 Payload upper arrow	(kg)	900	1020	1244	1071	1295	1203	1438	1560
R Max. break-open force at bucket edge	(kg)	1370	1621	1907	1601	2233	2162	2407	2651
Weight without tool and attached parts	(kg)	345	315	355	330	375	345	395	415
H Max. lift height at pivot	(mm)	2760	3010		3460	3760	4080		
L Loading height edge blade parallel	(mm)	2550	2800		3250	3550	3870		
A Loading height edge blade tilted	(mm)	1365	1920		2390	2710	3040		
B Loader height	(mm)	1399	1400		1660	1780	1930		
W Reach, bucket tilted	(mm)	550	600		650	700	785		
S Digging depth	(mm)	210	210		210	210	210		
X Tilt angle standard	(° degrees)	41	43		43	46	46		
Z Dump angle Loader Up	(° degrees)	72	63		63	58	58		
Min. tractor power	[kW/hp(CV)]	29/40	35/45		40/55	50/65	60/100		
Max. tractor power	[kW/hp(CV)]	44/60	50/65		60/80	77/105	80/135		
Smooth ride control		○	○		○	○	○		
Varipark stands		●	●		●	●	●		
3rd Service		○	○		○	○	○		
Euro quick-release frame		●	●		●	●	●		
Skidsteer quick-release frame		○	○		○	○	○		
New Holland Blue colour		●	●		●	●	●		

NSL = Non Self Levelling MSL = Mechanical Self Levelling ● Standard ○ Optional - Not available



300TL Pin on implement connection



500TL 3rd service couplers



600LA & 700LA 3rd and 4th service quick couplers

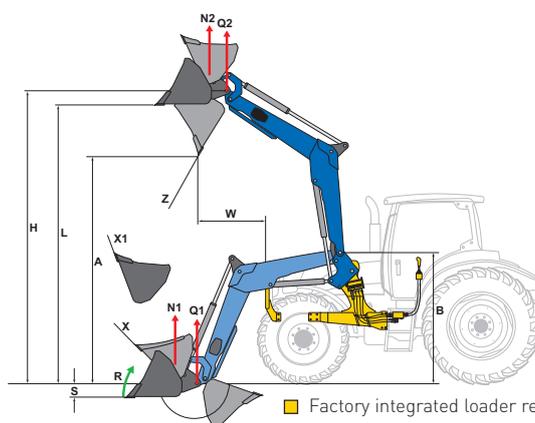


600LA & 700LA hydraulic attachment locking

Models		320TL	330TL	340TL	350TL	360TL
Self Levelling System						
Q1 Max. lift capacity at lower arm pivot point	[kg]	443	653	969	989	1193
Q2 Max. lift capacity at upper arm pivot point	[kg]	357	551	806	938	1142
R Max. break-open force at bucket edge	[kg]	571	867	979	1030	1458
Weight without tool and attached parts	[kg]	165	205	230	270	290
H Max. lift height at pivot	[mm]	2000	2290	2435	2590	2800
X Tilt angle standard	[° degrees]	48	40	38	41	41
Z Dump angle Loader Up	[° degrees]	71	80	74	74	70
Min. tractor power	[kW/hp[CV]]	11/15	15/20	18/25	26/35	29/40
Max. tractor power	[kW/hp[CV]]	18/25	26/35	37/50	40/55	44/60
Varipark stands		●	●	●	●	●
3rd Service		○	○	○	○	○
Skidsteer quick-release frame		●	●	●	●	●
Pin on implement connection*		-	-	-	-	-
New Holland Blue colour		●	●	●	●	●

NSL = Non Self Levelling MSL = Mechanical Self Levelling ● Standard ○ Optional - Not available

* Reduced break-open force at bucket edge = 398kg on 330TL & 632kg on 340TL. Also reduced tilt angle standard = 26° and reduced dump angle loader up = 25°



■ Factory integrated loader ready option.

Models		320TL	330TL	340TL	350TL	360TL	505TL	510TL	520TL	530TL	540TL	655LA	665LA	670LA	675LA	685LA
Max. tractor power	[kW/hp[CV]]	18/25	26/35	37/50	40/55	44/60	44/60	50/65	60/80	75/100	80/135	51/70	65/90	65/90	75/100	80/110
Max. lift height	(m)	2.0	2.3	2.4	2.6	2.8	2.7	3.0	3.5	3.8	4.1	3.6	3.6	3.6	3.9	3.9
Max. lift capacity	(kg)	443	653	969	989	1193	1400	1591	1846	1999	2141	2060	2417	2417	2345	2723
Compatible tractors																
Boomer 25C		✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Boomer 25		-	✓	-	-	-	-	-	-	-	-	-	-	-	-	-
Boomer 35, Boomer 40		-	-	✓	-	-	-	-	-	-	-	-	-	-	-	-
Boomer 45, Boomer 50, Boomer 55		-	-	-	✓	✓	-	-	-	-	-	-	-	-	-	-
T3LP		-	-	-	-	-	✓	-	-	-	-	-	-	-	-	-
T3F		-	-	-	-	✓	-	-	-	-	-	-	-	-	-	-
TD4F		-	-	-	-	-	-	✓	-	-	-	-	-	-	-	-
T4F/N/V		-	-	-	-	-	-	✓	-	-	-	-	-	-	-	-
T4LP		-	-	-	-	-	-	✓	-	-	-	-	-	-	-	-
T4S		-	-	-	-	-	-	✓	-	-	✓	-	-	-	-	-
T4		-	-	-	-	-	-	✓	-	-	✓	-	-	-	-	-
T5S		-	-	-	-	-	-	✓	✓	-	✓	✓	✓	✓	✓	-
T5		-	-	-	-	-	-	-	✓	-	✓	✓	✓	✓	✓	✓
TD5 (3 cyl.)		-	-	-	-	-	-	-	✓	-	✓	✓	✓	✓	✓	-
TD5 (4 cyl.)		-	-	-	-	-	-	-	✓	-	✓	✓	✓	✓	-	✓
T5 Electro Command		-	-	-	-	-	-	-	✓	✓	-	-	-	-	✓	✓
T5 Auto & Dynamic Command		-	-	-	-	-	-	-	-	-	-	-	-	-	✓	✓
T6.180 Methane power		-	-	-	-	-	-	-	-	-	-	-	-	-	-	✓
T6		-	-	-	-	-	-	-	-	-	✓**	-	-	-	✓***	✓

Models		680LA	695LA	690LA	715LA	725LA	735LA	730LA	745LA	755LA	750LA	765LA	775LA	785LA
Max. tractor power	[kW/hp[CV]]	80/110	80/110	80/110	80/110	90/120	105/140	105/140	130/180	130/180	130/180	170/230	170/230	200/270
Max. lift height	(m)	3.9	3.9	3.9	4.1	4.1	4.1	4.1	4.3	4.3	4.3	4.6	4.6	4.8
Max. lift capacity	(kg)	2723	3131	3131	2559	2937	3345	3345	2712	3487	3487	2631	3385	3385
Compatible tractors														
T5		✓	-	-	-	-	-	-	-	-	-	-	-	-
TD5 (4 cyl.)		✓	-	-	-	-	-	-	-	-	-	-	-	-
T5 Electro Command		✓	-	-	✓	-	-	-	-	-	-	-	-	-
T5 Auto & Dynamic Command		✓	-	-	✓	-	-	-	-	-	-	-	-	-
T6.180 Methane power		✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-
T6		✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-
T7 Standard Wheelbase		-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓
T7 Long Wheelbase		-	-	-	-	-	-	-	-	-	-	✓	✓	✓

✓ Available - Not available * Not compatible with SuperSteer™ front axle ** T6.125 model only *** T6.125 - T6145 models only

New Holland Top Service: customer support and customer information.



Top Availability

If you need information, or have an out of hours question, ring our toll-free number*. All day, every day, we are just a call away.



Top Speed

Express parts delivery: when you need it, where you need it!



Top Priority

Fast-track solution during the season: because your harvest can't wait!



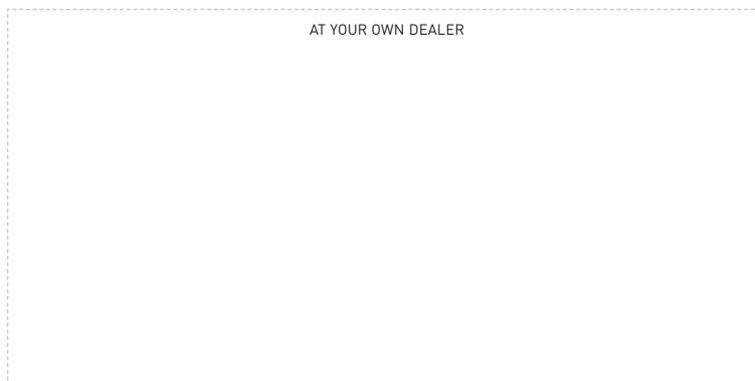
Top Satisfaction

We drive and track the solution you need, keeping you informed: until you are 100% satisfied!



For more details, ask your New Holland dealer!

* Calls to the Top Service team are free from landlines in the United Kingdom and Republic of Ireland. UK-based mobile calls are also free, but Republic of Ireland mobile users should call 01 2421881 and this will be charged at your standard network rate.



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