

T7 SERIES TRACTORS 140 TO 300 Engine hp

T7.175 | T7.190 | T7.210 | T7.230 | T7.245
T7.260 | T7.270 | T7.290 | T7.315



T7



9 MODELS PACKED WITH VERSATILITY, POWER, COMFORT AND EFFICIENCY.

Introducing the most versatile tractors on the market—the new-generation T7 Series tractors. These tractors advance forward with unrivaled power, comfort, performance and precision. New T7 tractors are versatile, expertly handling the field work of row-crop and mixed farming operations, as well as tough hauling, transport and utility chores.



POWERFUL ADVANTAGES FOR ANY OPERATION

Nine T7 models range from 140 to 300 engine horsepower, and all boast New Holland's cutting-edge and award-winning ECOBlue™ Hi-eSCR (High-Efficiency Selective Catalytic Reduction) engine technology that optimizes torque, power and efficiency. In short, the new T7 Series give you the cleaner power demanded by Tier 4B emissions compliance while maintaining the performance advantages you've come to expect from the T7 Series line.



BEST-IN-CLASS COMFORT AND VISIBILITY

New best in class lighting packages, upgraded seat options, Comfort Ride™ cab suspension and innovative easy-to-use controls improve operator comfort and productivity.



PRECISE CONTROL AND REDUCED OPERATING COSTS

SMART New Holland technology options such as IntelliSteer™ auto guidance, PLM™ Connect and IntelliCruise™ tractor/baler automation help maximize your profits. T7 tractors make the very most of your time and increase your return on investment with excellent fuel economy and long service intervals.



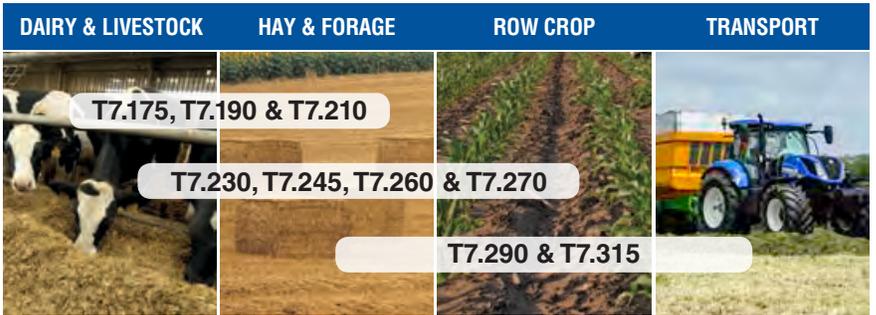
EVEN MORE VERSATILITY

The nine-model T7 Series line-up provides a choice of engine power, hydraulic options and transmission choices for every application. An exceptional power-to-weight ratio gives these tractors exceptional versatility. Add the optional fully integrated front three-point hitch and you have even more flexibility to power implements on front or back. T7 tractors do it all – from tillage to spraying, baling hay to transport, snow blowing to loader work.



MODEL	PTO HORSEPOWER	RATED POWER	MAX POWER
T7.175	110	140	175
T7.190	125	150	190
T7.210	139	165	210
T7.230	150	180	230
T7.245	170	200	245
T7.260	190	220	260
T7.270	210	240	270
T7.290	240	270	290
T7.315	270	300	313

THE VERSATILITY TO HANDLE THE JOBS ON YOUR LIST



- Front Loading
- Mowing
- Feed Mixing
- Bale Moving
- Manure Spreading

- Front Loading
- Mowing
- Baling Hay
- Bale Moving

- Planting
- Seeding
- Tillage
- Pulling Grain Cart

- Hauling Manure Tankers or Large Wagons



T7



Blue Power / Un-limited edition.

Select T7 Auto Command™ models offer an exclusive Blue Power styling option. Blue Power is a distinctive midnight blue color, with silver wheels and chrome-colored grilles. Blue Power models also benefit from luxury cab features and the industry-leading Auto Command™ CVT for precise speed control and smooth operation.

BIG CHORE VERSATILITY AND POWER

These three 140 to 165 horsepower T7 tractors are built tough to handle big chores, and comfortable to allow you to work at your best. They're ideal for mixed farming and livestock operations, providing the all-around workhorse you need for loading, haymaking, mixing feed and spreading manure.



BIG ON COMFORT TOO

Step into the Horizon™ cab and experience all-around visibility, cushioned comfort and an exceptionally quiet work environment. The high-visibility roof is perfect for loader work and keeping an eye on overhead loads. You will also notice the smooth, cushioned ride the new Comfort seats with advanced suspension systems provide, along with the Horizon cab's suspension system. The combination helps you feel less fatigued and more productive during those long work days.

A TRANSMISSION TO MATCH YOUR NEEDS

Equip your T7 to suit your applications. Choose New Holland's award-winning Auto Command™ continuously variable transmission (CVT) or Power Command™ powershift transmission. Both transmissions are available with the standard 25-mph transport speed, or the optional Fast Mover 31-mph transport speed. Power Command models also offer an Economy version that delivers 25 mph at a reduced engine speed to save fuel.



HYDRAULIC POWER AND VERSATILITY

Whether you are using the remote valves, the three-point hitch or the optional front loader, hydraulic power is there when you need it. You get 29.8 gallons per minute (gpm) flow if you have a Power Command powershift transmission, or 37 gpm if your tractor is equipped with Auto Command™ CVT. For the most demanding hydraulic applications, choose the 42-gpm option. The classic T7 armrest offers up to four deluxe mechanical rear remote valves, while the SideWinder™ II armrest provides you with up to five electro-hydraulic rear remotes which provide individual flow control. All models offer up to three mid-mount remotes.

YOUR IDEAL LOADING PARTNER

There's a New Holland loader designed specifically for each T7 Series tractor. The 855TL loader is designed specifically for the T7.175, T7.190 and T7.210. From the operator's seat, visibility to the loader is excellent both when the loader is at ground level and when raised progressively to its full lift height—all thanks to the optional T7 high-visibility roof panel. This, along with the T7's easy shuttle operation, helps you achieve maximum productivity and faster cycle times.



FRONT LOADER SPECIFICATIONS		855TL
Loader type		Mechanical self-leveling
Tractor models		T7.175, T7.190, T7.210
Capacity Measured per ASAE S301.3		
Lift capacity to max. height @ 800 mm	lbs.	5,522
Breakout force @ 800 mm	lbs.	5,742
Max. lift height	in.	165
Dump clearance	in.	127
Reach at max. lift	in.	31.5
Bucket dump angle	degrees	52
Reach @ ground level	in.	108.4
Bucket rollback angle	degrees	44
Digging depth	in.	6.3

NOTE: Loader specifications may vary based on tractor model, tire size, etc.

POWERFUL ADVANTAGES FOR ANY OPERATION

Takes command in row-crop and large hay operations. These T7 tractors are equally at home in hay fields, livestock or row crop applications. Put them to the test in field and pasture with large rotary cutters or mower-conditioners and making and moving large bales. They also excel in non-PTO applications and handle your tillage and planting work and hauling applications like transporting with heavy grain carts.



WHAT SPEED DO YOU NEED?

These models are available with the innovative Auto Command™ continuously variable transmission (CVT) (standard on the T7.270) with 25-mph or 31-mph transport speed. Or, choose the Power Command™ powershift transmission. This transmission is also available with a 25-mph or 31-mph transport speed, as well as an Economy version that delivers 25 mph at a reduced engine speed for added fuel savings.





CLOSED-CENTER LOAD-SENSING HYDRAULICS

Hydraulic efficiency and performance are a critical part of T7 Series tractor design. The 180 to 240-horsepower models are fitted with a hydraulic pump that delivers 32 gallons per minute (gpm) on tractors equipped with the Power Command transmission, or a 39.5-gpm pump for tractors equipped with the Auto Command™ CVT. For even more hydraulic flow, choose the high-capacity option for an increase to 39.5 gpm (45 gpm with Auto Command CVT).

AS MANY REMOTES AS YOU NEED

All T7 models fitted with the Classic armrest boast up to four deluxe mechanical rear remote valves, while models equipped with the SideWinder™ II armrest (standard on the T7.270) benefit from up to five electro-hydraulic rear remotes. All models in the T7 range offer up to three mid-mount valve functions.

LOADER READY

These New Holland T7 Series tractors have the increased horsepower and beefy construction for the heavy workload of large dairies and livestock operations—and that means moving heavy loads—large bales, big loads of feed, and plenty of manure. The New Holland 865TL front loader is ready to handle these tough and dirty jobs. Add the high-visibility roof panel option and you have the perfect overhead view as you lift and stack loads.

FRONT LOADER SPECIFICATIONS		865TL
Loader type		Mechanical self-leveling
Tractor models		T7.230, T7.245, T7.260, T7.270
Capacity Measured per ASAE S301.3		
Lift capacity to max. height @ 800 mm	lbs.	4,774
Breakout force @ 800 mm	lbs.	5,434
Max. lift height	in.	177
Dump clearance	in.	139
Reach at max. lift	in.	32.3
Bucket dump angle	degrees	53
Reach @ ground level	in.	113.1
Bucket rollback angle	degrees	43
Digging depth	in.	6.3

NOTE: Loader specifications may vary based on tractor model, tire size, etc.

HIGH-POWERED PERFORMANCE WITH UNMATCHED VERSATILITY

The T7 Series is moving up in power with two new models: the T7.290 and T7.315. They are the perfect fit for farming operations that need the power of a large-frame tractor, but the versatility of a medium-frame tractor. Powered at 240 and 270 engine horsepower, they are built to handle heavy-duty hauling and pulling jobs, easily take on tillage tasks, run 12- and 16-row planters, bale hay and more.

PRECISE POWER AND SPEED CONTROL

These new models give you industry-leading torque rise and responsiveness with ECOBlue™ HI-eSCR engine technology and smooth efficiency from the multi-award-winning Auto Command™ continuously variable transmission (CVT). Auto Command is available with a 25- or 31-mph transport speed, and both feature Active StopStart which prevents rolling forward or backward after you come to a stop, even with a heavy load.



MAXIMIZING PRODUCTIVITY AND EFFICIENCY

With up to 58 gallons per minute (gpm) hydraulic flow and up to five electro-hydraulic rear remotes, the T7.290 and T7.315 handle heavy and high-demand implements. Their versatility makes them ideal for operating a 12-16 row planter, air seeder or New Holland BigBaler.

These models are also equipped with a 540/540E/1000/100E shiftable rear PTO system as standard equipment. Being able to select the economy PTO modes means better efficiency and fuel economy when operating in lighter conditions. An optional 1000/1000E shiftable front PTO system is also available.





Rear and front dual wheel options available for field work or large singles for transport.

AN ULTRA-SMOOTH RIDE

Comfort Ride™ cab suspension and the new heavy-duty front axle with saddle suspension are standard on these models to assure added stability and ride cushioning. Optional Anti-Lock Braking System (ABS) and tire pressure monitoring system make them an ideal choice for hauling heavy loads. Choose from rear flange or bar axle options, with available front and rear dual wheels.

TIRE PRESSURE MONITORING SYSTEM

Proper tire pressure can have a big impact on tractor performance and fuel economy, yet checking for proper inflation is rarely part of a daily routine. Incorrect tire pressure can lead to slippage, rolling resistance or uncomfortable bouncing and vibration.

The T7's new tire pressure monitoring system allows the operator to monitor both tractor and implement tires using its integrated IntelliView™ IV display. The system uses a valve cap to wirelessly transmit the information to the tractor display and provides a warning if the tire pressure value moves outside of your predefined threshold level. It is a simple, easy-to-use tool that can have a major impact on improving fuel economy, ride quality and overall efficiency.

REVOLUTIONIZING BALING EFFICIENCY WITH INTELLICRUISE™ AUTOMATION

Most fields have varying crop yields, and the resulting inconsistent swaths make it difficult to maintain a constant feed rate when baling. New Holland's ISOBUS Class 3 IntelliCruise Tractor/Baler Automation can make the adjustments for you!

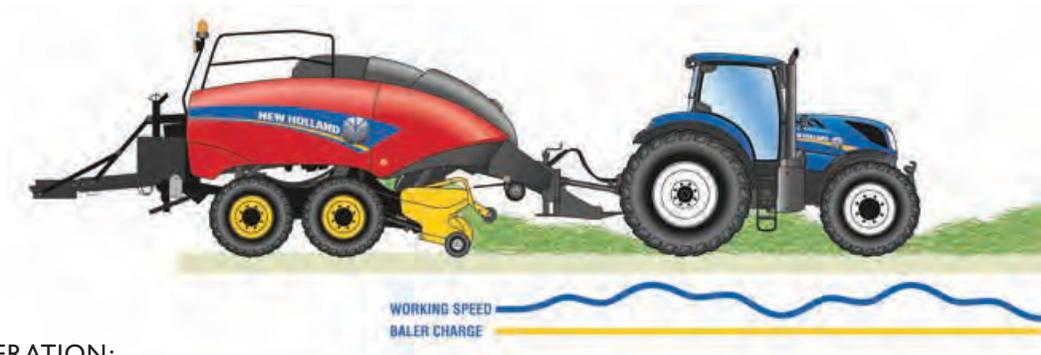
INTELLICRUISE™ TRACTOR/BALER AUTOMATION

IntelliCruise automatically matches the tractor's forward speed to crop load at the BigBaler. A charge sensor on the BigBaler's stuffer continually monitors the bale charges, or slices, delivered to the bale chamber. The system measures the demand placed on the baler and adjust the tractor's forward speed for optimal crop feeding. In areas with lighter crop, forward speed automatically increases so you consistently work at the capacity you specify. Using the IntelliCruise system results in:

- Dramatically reduces operator fatigue
- Up to 9% higher capacity and productivity compared to an inexperienced or fatigued operator
- Lower fuel consumption for lower production cost

Available on model year 2016 New Holland T7 Series Auto Command tractors and BigBalers.





TWO MODES OF OPERATION:

Charge Control Mode: The tractor speed is adjusted to achieve optimum feed rate capacity. The sensor paddles measure the throughput of crop yield fed into the pre-charge chamber and the time to fill the chamber is measured.

Slice Control Mode: The tractor's speed is adjusted according to bale slice thickness and the system will strive to obtain the number of slices per bale (with corresponding slice thickness based on pre-set bale length) defined by the operator.



OPEN. CONNECTED. SMART. SUPPORTED.

New Holland's Precision Land Management (PLM™) is developing leading-edge SMART technologies to help you manage the entire crop production cycle. We've integrated technologies into our machines that can help you reduce input cost, make informed decisions and increase yield production. PLM solutions are designed to provide you with an open architecture that is easy to use, and offer the flexibility to work with mixed fleets of equipment and implements. Our SMART technologies can keep you connected with your machines in the field, optimizing fleet logistics and machine run times, while helping streamline field data into valuable insights and informed decisions. New Holland is committed to providing solutions that can be tailored to your farm needs, helping improve efficiencies and yields.



AVAILABLE INTELLICRUISE™ TRACTOR/BALER AUTOMATION

The T7 Series Auto Command CVT models can maximize your productivity when working with a BigBaler using New Holland's new IntelliCruise™ ISOBUS Class 3 tractor/baler automation system. The system automatically adjusts the speed of the tractor based on the crop load entering the baler. This optimizes the baler feed rate so you produce bales with consistent flakes, avoid blockages, and maximize your productivity.



INTELLIVIEW™ IV TOUCHSCREEN DISPLAY

The 10.4-inch IntelliView IV touchscreen display is standard in T7 Series tractors with the SideWinder™ II armrest. It provides a single display solution for both controlling key tractor functions and running precision applications such as IntelliSteer™ auto guidance, as-applied mapping, and implement control. (Implement control can be achieved using PLM™ IntelliRate™ Control or the PLM ISOBUS task controller.) The IntelliView display allows you to program a variety of guidance patterns, personalize your settings and has PLM Connect compatibly for easy and secure transfer of data through the New Holland cloud to your farm office or mobile device. A dual IntelliView IV display option is also available for monitoring machine functions on one screen and for running precision applications on the second screen.



FULLY INTEGRATED INTELLISTEER™ AUTO GUIDANCE

All T7 Series tractors can be factory fitted with IntelliSteer auto guidance for hands-free steering, and accuracy as precise as sub-inch to help you better maximize productivity and efficiency. Choose from a wide range of accuracy levels to best match your operation's needs, and select from a variety of field patterns to match any shape field.



PLM™ CONNECT TELEMATICS

PLM™ Connect keeps you connected with your equipment and your operation, providing you with real-time information for making decisions on the go. You can remotely monitor detailed machine information and communicate with your operators in real time, improving fleet utilization, productivity and efficiencies. You can receive maintenance alerts or a fault code alert if a problem occurs. Partner with your New Holland dealer to proactively prevent maintenance issues, or quickly resolve issues in the field, ensuring that your machines stay running during the most critical times.

WIRELESS REMOTE FILE TRANSFER

PLM Connect also enables remote file transfer using the New Holland cloud to wirelessly transfer data, such as yield maps, fuel usage and job status, through the PLM Connect system both from and to the machine. Using the cloud, you transfer data easily and securely, helping you gain insights that can improve yield productions and optimize input usages.

QUIET COMFORT AND UNMATCHED VISIBILITY

Step into the T7 Series Horizon cab and experience its all-around visibility, exceptionally low noise level and the superior comfort and cushioned ride provided by the cab suspension and new advanced seat options. The Horizon cab is the ultimate fatigue fighter.



COMFORT RIDE™ CAB SUSPENSION

The T7 Series Comfort Ride™ cab suspension system provides proven operator comfort for an extra-smooth ride over uneven fields and bumpy roads. It's designed to complement the cushioned ride provided by the T7 Series new advanced suspension seat options.

360° VISIBILITY

The Horizon cab also provides excellent visibility in all directions so that you can keep a close watch on your work. The optional high-visibility roof panel further improves overhead visibility when using a front loader.

THE CLASSIC ARMREST

The classic T7 armrest provides naturally positioned, easy-to-use controls on the T7 tractors equipped with mechanical rear remotes.



THE SIDEWINDER™ II ARMREST: ULTIMATE CONTROL AT YOUR FINGERTIPS

The award-winning SideWinder™ II armrest is standard on all T7 Series models with electronic rear remotes. This innovative armrest electronically glides forward or back to adjust to the perfect position for every operator. All controls are easy to access from the armrest—throttle, hydraulics, 3-point hitch, PTO and more. The CommandGrip™ multi-function handle places your most frequently used controls at your fingertips. Integrated into the front of the armrest is the 10.4-inch IntelliView™ IV color touchscreen display. This allows for easy monitoring of all machine parameters, and provides a single access point for running precision applications such as auto guidance and implement control with the PLM ISOBUS task controller or PLM IntelliRate™ control system.

THE MOST COMFORTABLE SEATING PACKAGE

When working long hours in the field, it is important for you to stay productive throughout the day. This is why the T7 Series provides the ultimate in comfort with three new distinct levels of seating technology.

- The Comfort Seat provides ease and relaxation with new cushion and suspension systems. A new sliding backrest design allows you to easily look rearward while providing additional upper back support.
- The Dynamic Comfort Seat increases your comfort with a two-stage heater and provides enhanced low frequency suspension, automatic weight setting and shock absorber adjustment.
- The Auto Comfort™ seat removes vibrations using its advanced semi-active seat suspension system and uses active climate control to extract humidity and moisture. It's available in full leather or an exclusive design for the Blue Power models.

CONTROL CENTER

Air conditioning controls, lighting panel, additional storage slots and the radio are all grouped in an ergonomic cluster. A Bluetooth radio option is available for added convenience, as well as auto climate control for ensuring that you are always working at a comfortable temperature.



ULTIMATE COMFORT

The swiveling backrest is standard on Comfort and Dynamic Comfort Seats.

SIDEWINDER™ II. THE ULTIMATE ERGONOMIC FARMING EXPERIENCE

At New Holland, we know it's SMART for you to be comfortable for as long as it takes to get the job done. That's why T7 Series tractors are designed around you with ergonomically placed controls. The award-winning SideWinder™ II armrest reduces fatigue, allowing fingertip access to everything you need. The patented design allows the SideWinder II armrest to glide forward or back electronically to adjust to the perfect position for every operator.



As awarded by The Chicago Athenaeum: Museum of Architecture and Design.



CONTROL AT YOUR FINGERTIPS

It's easy to master a T7 Series tractor. At the front of the SideWinder armrest is the CommandGrip™ multi-function controller. It provides fingertip access to your most frequently used controls and is now back-lit. And, the IntelliView™ IV touch-screen display is also up front, providing information at a glance and quick access and control of key tractor functions.

- Fingertip control for up to two remote valves.

- Rear linkage raise/lower. To activate front linkage raise/lower, push the button on the rear of the CommandGrip controller simultaneously with the raise/lower function.

- Optional IntelliSteer™ auto guidance, automated steering engagement.

- Forward/reverse shuttle switch.

- Adjust GSM target speed. Ultra Command FPS transmission.

- Custom Headland Management. Press to record, store and activate automated headland turns.





EASY ACCESS TO ADVANCED FEATURES

Push the symbol. Activate the feature. The Integrated Control Panel, ICP, makes it simple to access advanced operating features. No need to scroll through menus to set up TerraLock™ traction management, Custom Headland Management, Auto PTO or Engine Speed Management (ESM).

CUSTOM HEADLAND MANAGEMENT

The refined New Holland Custom Headland Management II system combines simple programming and recall with the potential for advanced modification to make it even easier to improve in-field efficiency. The system allows the operator to record and store the sequence of operations at the headland, and play the sequence back automatically with the push of a button. To modify pre-programmed sequences, operators use the IntelliView™ IV display to fine tune them to ensure they are right for every individual field and crop. It also helps reduce fatigue over extended working periods.

- Electronic remotes. Easy to reach paddles provide fingertip hydraulic operation. Flow and timing can be simply adjusted through the IntelliView™ touch screen.

- Personalized positioning of the hydraulic joystick and rear linkage mouse available as a factory-fit option.

- Select paddle or joystick control for remote valves 3 and 4.

- Throttle up to your desired engine speed, select Engine Speed Management, and the speed is fixed.

- Press the Custom Headland Management button to record and replay the functions you use most frequently.

- Three point hitch inching control.

- Engage TerraLock™ and it will automatically manage four-wheel drive and differential lock selection.

- Auto PTO will disengage and reengage the PTO during a headland turn.

- Engage and disengage the front suspension.

- Engage and disengage the front PTO instantly.

- Multi-function joystick. The joystick can be set to operate the front linkage, or remote valves.

- Rear linkage mouse. Lift heavy mounted implements with absolute precision.

- Full access to more advanced controls under the padded armrest.

- Electronic SideWinder II adjustment. Move the armrest to the position that suits you.



DEPEND ON NEW HOLLAND FOR BRIGHT IDEAS

LED work lights are standard equipment on all T7 Series models, as well as a broad selection of lighting options to provide you with exceptional illumination for working productively and safely during after-daylight operation. Three work light packages are available, ranging from 8 to 16 cab-mounted work lights. The high-intensity, 360-degree work light package offers the ultimate in all-around nighttime visibility. When unloading alongside a combine or forage harvester, you can switch off the rear left and right side lights independently to avoid glare.



1



**8 LED
Work Light Package**
(8 x 1,125 lumens = 9,000 lumens total)

2

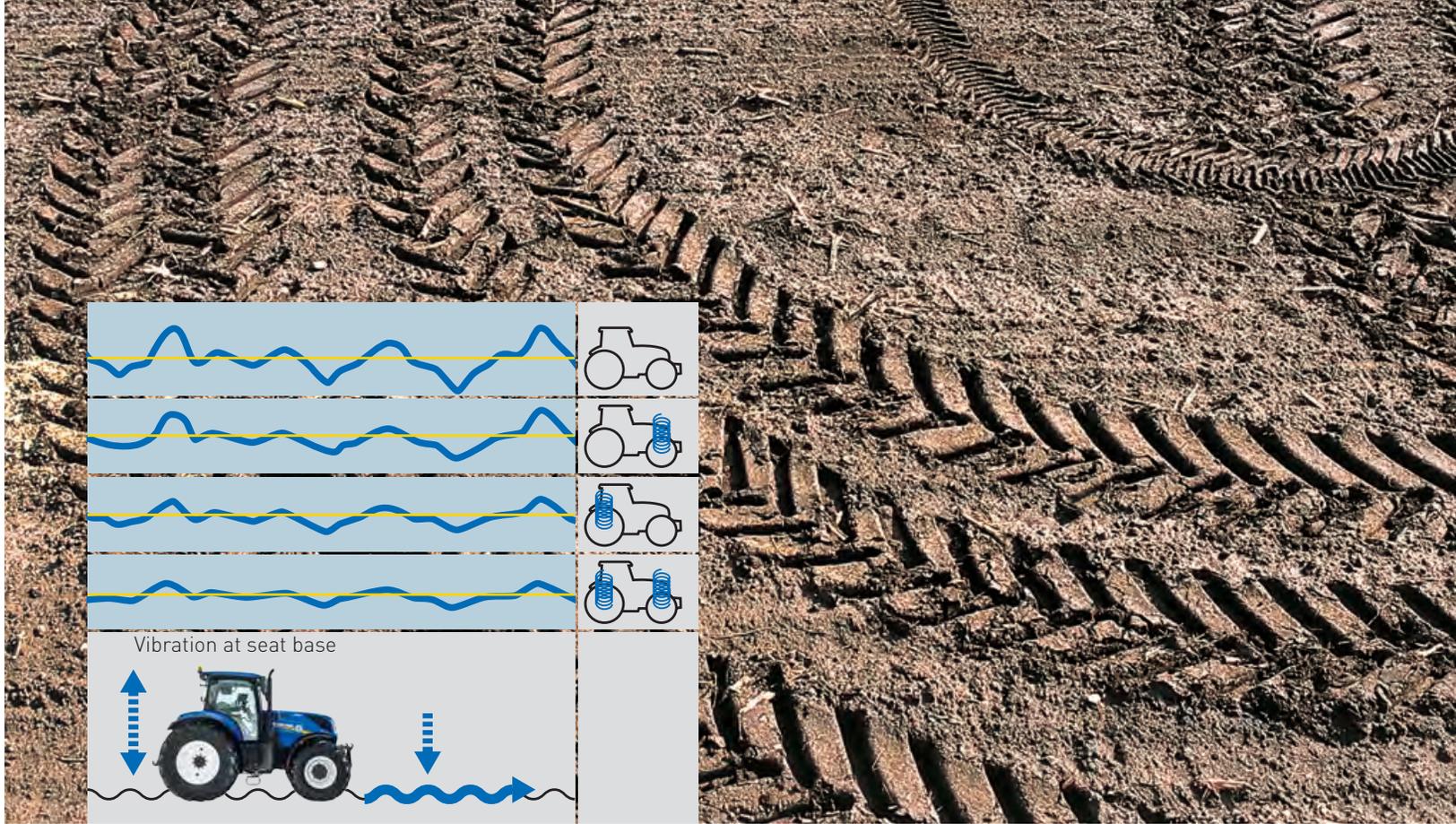


**12 LED High-Intensity
Work Light Package**
(12 x 1,950 lumens = 23,400 lumens total)

3



**16 LED High-Intensity
360° Work Light Package**
(16 x 1,950 lumens = 31,200 lumens total)

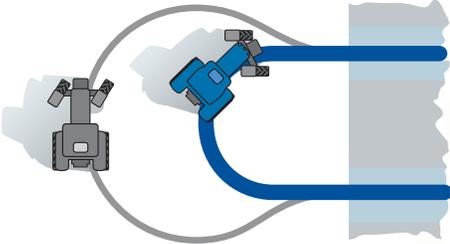


SMOOTH-RIDING, SHORT-TURNING PRODUCTIVITY

New Holland offers two exclusive front-wheel drive (FWD) axle options to boost your productivity.

SUPERSTEER™ FRONT AXLE FOR ULTIMATE MANEUVERABILITY

The SuperSteer™ FWD axle—available on models T7.175 through T7.270—increases turning angle from the standard 55-degrees to 65-degrees so you can make sharper, faster turns, decreasing headland turn time by 35%.



TERRAGLIDE™ FRONT AXLE FOR SMOOTH CONTROL

The TerraGlide™ front axle suspension is another New Holland innovation. It smoothes your ride and increases control. It is recommended for operations that include fast field work and transport work. Matched with the Comfort Ride™ cab suspension, you can expect ultimate ride smoothness.



POWER THAT'S RESPONSIBLE AND EFFICIENT.

New T7 Series tractors give you power without compromise. The new ECOBlue™ HI-eSCR engines have some impressive numbers that not only look good on paper, but also translate into increased lugging power and efficiency.

ECOBUE™ HI-eSCR TECHNOLOGY—ONE SIMPLE SOLUTION

New T7 engines comply with the even-more-stringent Tier 4B emissions standards by using New Holland ECOBlue HI-eSCR (High-Efficiency Selective Catalytic Reduction) technology.

INDUSTRY-LEADING TORQUE RISE AND RESPONSE

ECOBue HI-eSCR is an after-treatment system that allows the engine to breathe clean, fresh air to optimize combustion, torque rise and fuel efficiency. The system doesn't interfere or restrict the engine's performance and instead, maximizes power output from each cylinder.

ENGINE POWER MANAGEMENT (EPM) WITH POWER BOOST

T7 engines deliver extra horsepower when under load – a boost above rated horsepower to get you through tough conditions (standard on T7.175 through T7.270 models).



ECObLue™ HI-eSCR

CONSTANT RPM WITH ENGINE SPEED MANAGEMENT

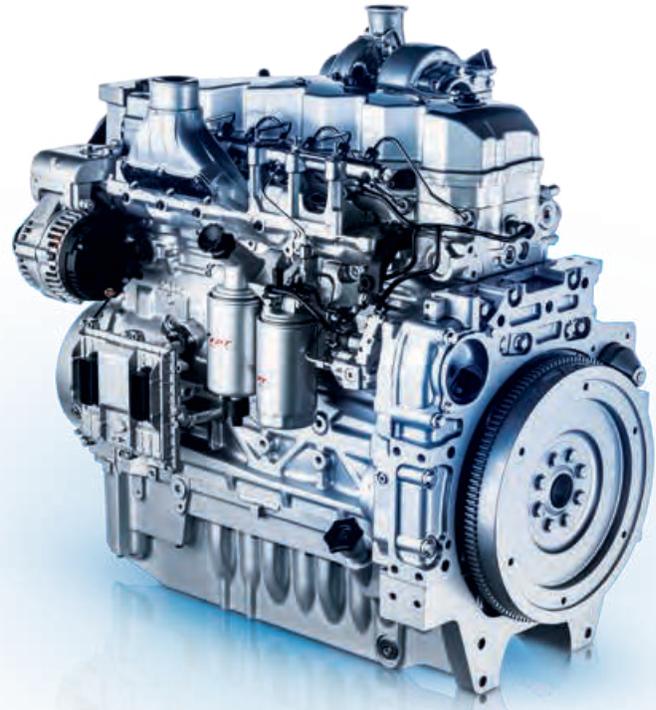
In applications where a constant PTO speed is required, just select Engine Speed Management to ensure the speed is maintained even under changing loads. In many applications, this allows you to maintain a fixed forward speed in difficult terrain.

THE SAME TOTAL FLUID CONSUMPTION

Even with increases in horsepower, torque and lugging ability compared to previous T7 models, total fluid use (fuel and DEF) remains unchanged.

LONGER MAINTENANCE INTERVALS

T7 Series tractors continue to provide New Holland's industry-leading 600-hour service intervals.



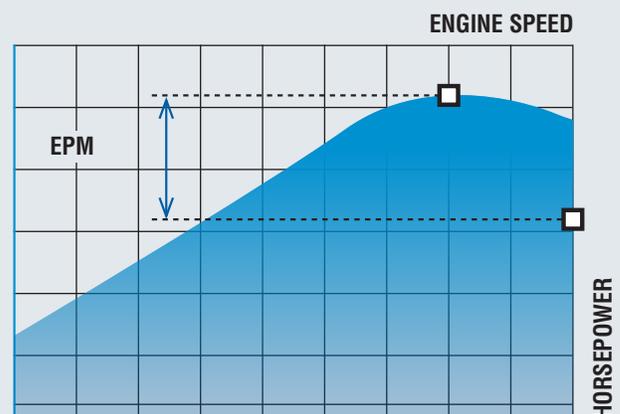
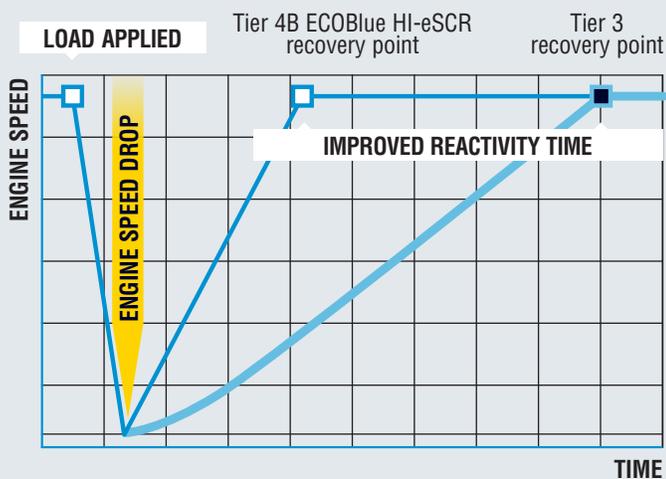
POWERED BY FPT INDUSTRIAL

New Holland is not going it alone when it comes to Tier 4 technology. They can draw on the experience of their in-house engine development group: FPT Industrial.

Pioneers: Fiat invented Common Rail technology in the 1980s. They were the very first to introduce it on agricultural machines on the TS-A tractor. Pioneering. Always.

Cleaner: Fiat Industrial has topped the Dow Jones Sustainability World and Europe indexes for the Industrial Engineering sector for two consecutive years.

Proven: FPT Industrial has pioneered SCR technology since 1995 and has already produced over 350,000 SCR engines during the last six years for the agricultural, construction and trucking industries. The award-winning Hi-eSCR solution has been extensively tested and has clinched numerous awards.



■ EPM according to the load on transmission, PTO and hydraulics.

*EPM standard on models T7.175 through T7.270

EFFORTLESS PERFORMANCE THAT MATCHES YOUR WORK



INNOVATIVE AUTO COMMAND™ CVT

Designed and built by New Holland, the multi-award-winning Auto Command™ continuously variable transmission (CVT) boasts four direct drive points with 100% mechanical efficiency. These points have been precision engineered to ensure they perfectly match the most frequently used speeds during heavy draft work, secondary cultivation, high-speed transport and high-speed field work, such as baling or mowing. Advanced, double-clutch control further enhances efficiency. Quite simply, it is the smoothest and most productive CVT around.

- Seamless speeds for every need – Set a target speed between 0.01 and 31 mph, with no range changes.
- The transmission “reads your mind,” responding to how you move the CommandGrip controller – move the lever slightly to accelerate gradually, move it forcefully to accelerate quickly.
- Four driving modes to suit your style: Auto, Cruise, PTO and Manual.
- Use the droop button to reduce the engine speed needed to achieve maximum travel speed to save fuel.
- Active StopStart prevents the tractor from moving backward or forward when the tractor comes to a standstill



MAKING THE MOST OF AVAILABLE TORQUE AND FUEL

New Holland developed Auto Command transmissions to take advantage of the low running speed and high torque of New Holland engines. With the 31-mph Economy transmission, the engine runs at a fuel efficient 1550 rpm.



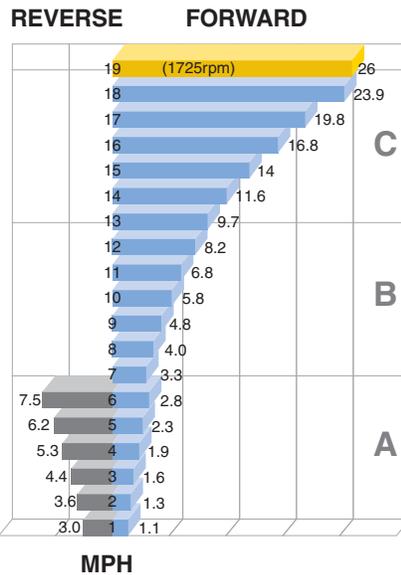
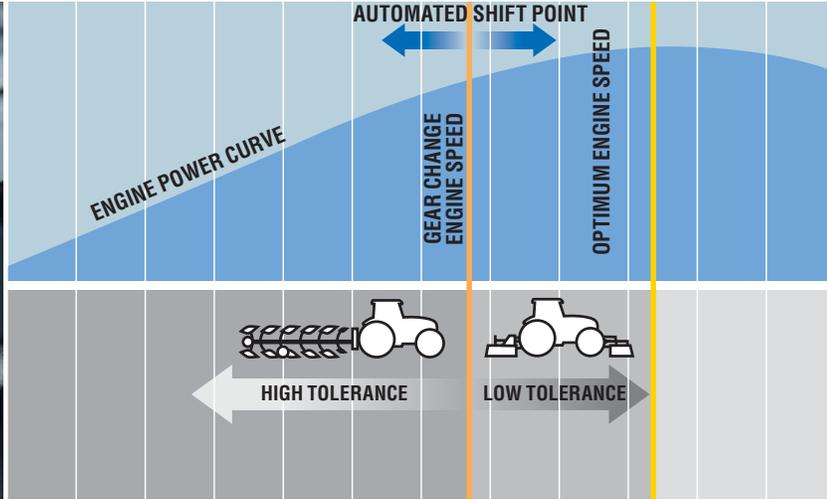
SMOOTHER SHIFTING IN FIELD AND TRANSPORT

The IntelliShift™ gear change management system delivers smooth gear changes all day long. It analyzes transmission load, speed and transmission oil temperature, ensuring that your T7 Series tractor delivers a seamless powershift between each and every ratio.



THE PUSH-BUTTON SIMPLICITY OF POWER COMMAND™

The Power Command™ transmission is a full-powershift that allows you to select the gear speed you want by simply pushing upshift or downshift buttons. Operating the clutchless forward/reverse shuttle is easy, too — simply use the fingertip shuttle lever located to the left of the steering column or use the thumb toggle switch on the CommandGrip™ controller.



THREE POWER COMMAND CHOICES
 Choose a standard 25-mph 18x6 or one of two optional, extra-high-ratio 19x6 transmissions—the Economy 19x6 that delivers 25 mph at a reduced engine speed or the Fast Mover transmission for 31-mph transport speed.



WORK TOGETHER: AUTOMATION, COMFORT AND PRODUCTIVITY
 Using the Auto Transport and Auto Field modes reduces the effort of operating the tractor over a long working day. With Auto Transport, the tractor shifts seamlessly through ratios like an automatic transmission. The Auto Field mode manages both the engine speed and transmission to optimize performance and economy. In PTO applications, where a constant engine speed is the priority, the system selects the transmission ratio to match the load on the engine. In draft applications when the tractor is under load, Auto Field allows engine speed to drop to take full advantage of the available torque rise before selecting a lower ratio.

HYDRAULIC POWER TO MEET YOUR DEMANDS

Closed-center load-sensing hydraulics contribute to the unmatched performance of T7 Series tractors. T7 tractors equipped with the Auto Command™ CVT transmission benefit from a priority valve that guarantees optimum steering response in demanding hydraulic applications. Full hydraulic power is always available at the remote valves and lift linkage, but only as much as is needed. The variable displacement pump only works on demand, which helps optimize fuel economy.



STRONG, EFFICIENT AND POWERFUL

The rear linkage and hydraulics allow you to work with heavy mounted equipment like large rotary cutters or tillage equipment over extended periods. The system also incorporates integral dynamic ride control shock load protection. This reduces bounce when travelling with a heavy linkage load at transport speeds. Fender-mounted controls for the rear linkage, a rear remote and the PTO are available.



POWER IMPLEMENTS ON FRONT OR BACK

New Holland T7 Series tractors are available with a fully integrated, factory-fitted front three-point hitch and PTO, giving you the versatility to operate front-mounted implements. All controls are integrated into the armrest and can be programmed to operate with the Custom Headland Management system. When the front hitch is not in use, the linkage arms fold up or can be used to carry the full standard weight pack. Exclusive for the T7.290 and T7.315 models is an optional 1000/1000E shiftable front PTO system that helps improve efficiency and fuel economy when mowing in lighter conditions.



DIRECT DRIVE FOR FUEL EFFICIENCY

All T7 Series tractors are fitted with a direct drive PTO to minimize power loss between engine and implement. The PTO is engaged via a push-pull control, with advanced Soft Start management. This modulates engagement of high inertia attachments to protect the driveline. Four speeds: 540, 540E, 1000 and 1000E are available. Models T7.230 and above with Auto Command™ CVT transmissions can be ordered with 1000/1000E shiftable PTO. The T7.290 and T7.315 models are equipped with 540/540E/1000/1000E shiftable PTO as standard equipment. T7 Series tractors also feature an Auto PTO function that automatically disengages when the rear or front linkage is raised above a pre-set position to protect the PTO shaft and tractor. The system re-engages the PTO as the linkage is lowered.

360° SERVICE: T7

T7 Series tractors are designed to spend more time working and less time in the yard. All service points are easy to access, and super long service intervals mean they will spend more time in their natural environment: the field!



DEALER INSTALLED ACCESSORIES

A comprehensive range of approved accessories to optimize machine performance in all conditions can be supplied and fitted by your dealer.



ADBLUE®/DEF

WILL I BE ABLE TO FIND ADBLUE®/DEF EASILY?

The answer is yes! AdBlue® diesel exhaust fluid is available through CNH Industrial Parts & Service. Just contact your local dealer for more information. You can even have AdBlue delivered direct to your doorstep for absolute convenience.



MODELS

T7.175

Armrest type	Classic		Side/Winder II
	Nef		
New Holland Engine*	Nef		
No. of cylinders / Aspiration / Valves / Emission level	6/ T / 4 / Tier 4B		
Selective Catalytic Reduction (SCR) system	●		
Fuel system - high pressure common rail	●		
Max. horsepower - ISO TR14396- ECE R120	hp [CV] (kw)	175 (128)	
Rated horsepower - ISO TR14396- ECE R120	hp [CV] (kw)	140 (103)	
PTO horsepower	hp (kw)	110 (82)	
Rated engine speed	(rpm)	2200	
Viscous coupled cooling fan	●		
Reversible fan	○		
Exhaust brake	○		
Diesel tank capacity	gal (liters)	87 (330)	
DEF/AdBlue® tank capacity	gal (liters)	13 (48)	
Power Command™ Transmission			
Power Command™ full-powershift (40 kph)	○		
Number of gears / with creeper	(F x R)	18 x 6 / 28 x 12	
Min. speed / Min. speed with creeper	mph (kph)	1.2 / 0.2 (1.9 / 0.31)	
Power Command™ full powershift (40 kph ECO or 50 kph)	○		
Number of gears / with creeper	(F x R)	19 x 6 / 29 x 12	
Min. speed / Min. speed with creeper	mph (kph)	1.2 / 0.2 (1.9 / 0.31)	
Auto Command™ Transmission			
Auto Command™ continuously variable transmission (40 kph ECO)	- ●		
Min. speed / Max. speed	mph	- 0.01 / 25 @ 1550 rpm	
Auto Command™ continuously variable transmission (50 kph ECO)	- ○		
Min. speed / Max. speed	mph	- 0.01 / 31 @ 1700 rpm	
Hydraulics			
Closed Center Load Sensing (CCLS)	●		
Main pump flow Standard / MegaFlow™ option	gpm (Lpm)	29.8 (113)	
Main pump flow Standard / MegaFlow™ option (Auto Command)	37 / 42 (140 / 160)		
Electronic Draft Control (EDC)	●		
Remote Valves			
Type	Deluxe	Electro hydraulic	
Max. no. rear valves	4	5	
Joystick control	○		
Max. no. mid mount valves	3		
Front Loader Ready	○		
Rear Linkage	●		
Front Linkage	○		
PTO			
Auto soft start	●		
Engine speed at 540 / 1000	(rpm)	1969 / 1924	
Engine speed at 540E / 1000	(rpm)	-	
Engine speed at 1000 / 1000E	(rpm)	-	
540 / 540E / 1000 / 1000E shiftable	-		
Auto PTO management	○ ●		
Front PTO (1000 rpm)	○		
Cab			
Comfort Ride™ cab suspension	○ ●		
Headland Turn Sequence II System (HTS2)	- ●		
IntelliView™ IV large screen 10.4" display	- ●		
ISO 11783 connector	○ ●		
IntelliSteer™ auto guidance	○		
Axles			
4WD front axle	●		
Suspended front axle	○		
SuperSteer™ front axle	○		
Steering angle standard / Terraglide™ / SuperSteer™ axle	(°)	55 / 55 / 65	
Bar rear axle	○		
Wheelbase			
Standard front axle	107.6 (2734)		
Suspended front axle	109.8 (2789)		
SuperSteer™ front axle	113.3 (2880)		
Weights			
Minimum unballasted / shipping weight - Standard front axle	lbs (kg)	12,677 / 12,787 (5750 / 5800)	
Minimum unballasted / shipping weight - Terraglide™ suspended front axle	lbs (kg)	13,338 / 13,448 (6050 / 6100)	
Minimum unballasted / shipping weight - SuperSteer™ front axle	lbs (kg)	13,294 / 13,404 (6030 / 6080)	
Max. permissible weight at 50 kph	lbs (kg)	24,251 (11000)	

● Standard ○ Optional - Not available * Developed by FPT - Fiat Powertrain Technologies

T7.190		T7.210		T7.230		T7.245		T7.260		T7.270		T7.290		T7.315	
Classic	SideWinder II	Classic	SideWinder II	Classic	SideWinder II	Classic	SideWinder II	SideWinder II	SideWinder II	SideWinder II	SideWinder II	SideWinder II	SideWinder II	SideWinder II	
Nef		Nef		Nef		Nef		Nef		Nef		Nef		Nef	
6/T / 4 / Tier 4B		6/T / 4 / Tier 4B		6/T / 4 / Tier 4B		6/T / 4 / Tier 4B		6/T / 4 / Tier 4B		6/ WT / 4 / Tier 4B		6/ EVGT / 4 / Tier 4B		6/ EVGT / 4 / Tier 4B	
●		●		●		●		●		●		●		●	
●		●		●		●		●		●		●		●	
190 (140)		210 (154)		225 (165)		245 (180)		260 (191)		270 (199)		290 (212)		313 (230)	
150 (110)		165 (121)		180 (132)		200 (147)		220 (162)		240 (177)		270 (199)		300 (221)	
125 (93)		139 (104)		150 (110)		170 (126)		190 (140)		210 (154)		240 (178)		270 (199)	
2200		2200		2200		2200		2200		2200		2100		2100	
●		●		●		●		●		●		●		●	
○		○		○		○		○		○		○		○	
○		○		○		○		○		○		○		○	
87 (330)		87 (330)		104 (395)		104 (395)		104 (395)		104 (395)		166 (630)		166 (630)	
13 (48)		13 (48)		13 (48)		13 (48)		13 (48)		13 (48)		25 (96)		25 (96)	
○		○		○		○		○		-		-		-	
18 x 6 / 28 x 12		18 x 6 / 28 x 12		18 x 6 / 28 x 12		18 x 6 / 28 x 12		18 x 6 / 28 x 12		-		-		-	
1.2 / 0.2 (1.9 / 0.31)		1.1 / 0.18 (1.8 / 0.29)		1.2 / 0.2 (1.98 / 0.33)		1.2 / 0.2 (1.98 / 0.33)		1.2 / 0.2 (1.98 / 0.33)		-		-		-	
○		○		○		○		○		-		-		-	
19 x 6 / 29 x 12		19 x 6 / 29 x 12		19 x 6 / 29 x 12		19 x 6 / 29 x 12		19 x 6 / 29 x 12		-		-		-	
1.2 / 0.2 (1.9 / 0.31)		1.1 / 0.18 (1.8 / 0.29)		(1.2 / 0.2) 1.98 / 0.34)		1.2 / 0.22 (1.98 / 0.35)		1.2 / 0.22 (1.98 / 0.36)		-		-		-	
-	●	-	●	-	●	-	●	●		●		●		●	
-	0.01 / 25 @ 1550 rpm	-	0.01 / 25 @ 1550 rpm	-	0.02 / 25 @ 1450 rpm	-	0.02 / 25 @ 1450 rpm	0.02 / 25 @ 1450 rpm		0.02 / 25 @ 1450 rpm		0.02 / 25 @ 1450 rpm		0.02 / 25 @ 1450 rpm	
-	○	-	○	-	○	-	○	○		○		○		○	
-	0.01 / 31 @ 1700 rpm	-	0.01 / 31 @ 1700 rpm	-	0.02 / 31 @ 1550 rpm	-	0.02 / 31 @ 1550 rpm	0.02 / 31 @ 1550 rpm		0.02 / 31 @ 1550 rpm		0.02 / 31 @ 1650 rpm		0.02 / 31 @ 1650 rpm	
●		●		●		●		●		●		●		●	
29.8 (113)		29.8 (113)		32 / 39.5 (120 / 150)		32 / 39.5 (120 / 150)		32 / 39.5 (120 / 150)		-		-		-	
37 / 42 (140 / 160)		37 / 42 (140 / 160)		39.5 / 45 (150 / 170)		39.5 / 45 (150 / 170)		39.5 / 45 (150 / 170)		39.5 / 45 (150 / 170)		43.5 / 58 (165 / 220)		43.5 / 58 (165 / 220)	
●		●		●		●		●		●		●		●	
Deluxe	Electro hydraulic	Deluxe	Electro hydraulic	Deluxe	Electro hydraulic	Deluxe	Electro hydraulic	Electro hydraulic		Electro hydraulic		Electro hydraulic		Electro hydraulic	
4	5	4	5	4	5	4	5	5		5		5		5	
○		○		○		○		○		○		○		○	
3		3		3		3		3		3		3		3	
○		○		○		○		○		○		-		-	
●		●		●		●		●		●		●		●	
○		○		○		○		○		○		○		○	
●		●		●		●		●		●		●		●	
1969 / 1924		1969 / 1924		1893 / 1950		1893 / 1950		1893 / 1950		1893 / 1950		-		-	
-		-		-	1569 / 1893	-	1569 / 1893	1569 / 1893		1569 / 1893		-		-	
-		-		-	1912 / 1583	-	1912 / 1583	1912 / 1583		1912 / 1583		-		-	
-		-		-		-		-		-		1930 / 1598 / 1853 / 1583		1930 / 1598 / 1853 / 1583	
○	●	○	●	○	●	○	●	●		●		●		●	
○		○		○		○		○		○		○		○	
○	●	○	●	○	●	○	●	●		●		●		●	
-	●	-	●	-	●	-	●	●		●		●		●	
-	●	-	●	-	●	-	●	●		●		●		●	
○	●	○	●	○	●	○	●	●		●		●		●	
○		○		○		○		○		○		○		○	
●		●		●		●		●		●		-		-	
○		○		○		○		○		○		●		●	
○		○		○		○		○		○		-		-	
55 / 55 / 65		55 / 55 / 65		55 / 55 / 65		55 / 55 / 65		55 / 55 / 65		55 / 55 / 65		55		55	
○		○		○		○		○		○		○		○	
107.6 (2734)		107.6 (2734)		113.5 (2884)		113.5 (2884)		113.5 (2884)		113.5 (2884)		-		-	
109.8 (2789)		109.8 (2789)		113.5 (2884)		113.5 (2884)		113.5 (2884)		113.5 (2884)		117.9 (2995)		117.9 (2995)	
113.3 (2880)		113.3 (2880)		117.2 (2977)		117.2 (2977)		117.2 (2977)		117.2 (2977)		-		-	
12,677 / 12,787 (5750 / 5800)		13,117 / 13,228 (5950 / 6000)		15,322 (6950)		15,322 (6950)		15,322 (6950)		15,322 (6950)		-		-	
13,338 / 13,448 (6050 / 6100)		13,779 / 13,889 (6250 / 6300)		16,094 (7300)		16,094 (7300)		16,094 (7300)		16,094 (7300)		22,707 (10300)		22,707 (10300)	
13,294 / 13,404 (6030 / 6080)		13,735 / 13,845 (6230 / 6280)		15,653 (7100)		15,653 (7100)		15,653 (7100)		15,653 (7100)		-		-	
24,251 (11000)		24,251 (11000)		28,660 (13000)		28,660 (13000)		28,660 (13000)		28,660 (13000)		35,274 (16000)		35,274 (16000)	



VALUE, SERVICE AND SOLUTIONS

There's a certain way of thinking that comes from living on a farm. Farming takes equal parts brain and brawn. Not to mention thick skin, calloused hands and a fair share of know how. Seasoned farmers know it helps to have equipment that's built by farmers, sold by farmers and used by farmers.

Support at every step. When you place your confidence in New Holland agricultural equipment, you get the finest in local support. Your New Holland dealer understands the many challenges you face and stands behind you at every step with the equipment, parts, service and financial solutions to make your job easier. Look to New Holland for a complete selection of equipment, including a full line of tractors, hay & forage equipment, harvesting, crop production and material handling equipment.

Quality parts and service. Turn to your New Holland dealer after the sale for expert, factory-trained service and genuine New Holland-branded parts. Your dealer has the very latest service updates and training to ensure your equipment keeps working productively season after season.

Financing solutions. Your New Holland dealer can tell you about smart ways to turn your financial challenges into opportunities with a portfolio of innovative financial services available through CNH Industrial Capital, including customized financing, leasing, insurance and the purchasing convenience of a Commercial Revolving Account.

For reliable equipment, parts and service — or just honest advice on farming and finance — turn to New Holland and your trusted New Holland dealer. We know. We're farmers, too.



We are proud to support the FFA.

Learn more at www.newholland.com/na

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Safety begins with a thorough understanding of the equipment. Always make sure you and your operators read the Operator's Manual before using the equipment. Pay close attention to all safety and operating decals and never operate machinery without all shields, protective devices and structures in place.