

New Holland 95 to 160 PTO hp Tractors

TM120 TM130 TM140 TM155 TM175 TM190



NEW HOLLAND



Make the most of every day in a New Holland TM

TM tractors put power, precision and control at your fingertips

Put a New Holland TM tractor to work for you and you'll tackle jobs with greater efficiency and confidence. These 95- to 160-PTO-hp tractors are loaded with "smart" programmable features that make your job easier and help you make the very most of every day.

Smart engines. Smart electronic engine management (TM175 and TM190) allows New Holland engines to thrive under load by increasing horsepower as the engine is lugged down during PTO applications.

Smart hydraulics. On the two largest models, the TM175 and TM190, you can choose fully programmable electro-hydraulics that allow you to adjust the timing and flow to each of the remotes.

Smart transmissions. The TM Power Command™ full-powershift and Range Command™ semi-powershift transmissions make your job easier with automatic shifting in the field and on the road, as well as a programmable forward/reverse shuttle.

Smart headland turns. Here's the ultimate in smart features — the New Holland Custom Headland System. It lets you program up to twenty-eight tasks, then simply hit one button for an "instant replay" of the pre-programmed actions every time you come to a headland. (Models TM175 and TM190 only.)

TM tractor productivity continues with a long list of innovative performance features. Like the optional Comfort Ride™ cab suspension that



makes the TM the smoothest-riding tractor ever. Or the traction-enhancing TerraGlide™ FWD axle suspension that gives you incredible control and a better ride. No matter which of the four front axle options you choose — 2WD, FWD, the TerraGlide suspended FWD axle or the exclusive SuperSteer™ FWD axle — your TM tractor will have a tighter overall turning diameter than competitive tractors. With the SuperSteer axle, you get the tightest turning in the industry. The SuperSteer axle takes

turning angle to an unprecedented 65 degrees to provide the turning and agility of a much smaller tractor.

For front-end loader work, you can't beat the lift capacity and breakout force of the 62LB and 72LB loaders. They're the perfect match for ultra-productive TM tractors.

See firsthand how a New Holland TM tractor can help you make the most of every day. See your New Holland dealer.

Model	PTO hp
TM120	95
TM130	105
TM140	115
TM155	125
TM175	145
TM190	160



Smart power

Electronic engine management increases horsepower to handle increased loads.

With higher horsepower than their predecessors, and electronic engine management on the two largest models, the state-of-the-art 7.5-liter TM engines allow you to tackle any job with greater efficiency and confidence. TM electronic engine management (TM175 and TM190 only) delivers maximum power and fuel efficiency with lower emissions — whether you're in the field or on the road.

The real genius of electronic engine management becomes evident during those "moments of truth" throughout your day — like when you're chopping in heavy crop and the wagon starts to fill ...or when you need to get through a really heavy windrow when baling. It's at moments like these that TM electronic engine management maintains maximum power to the PTO and to the

ground to get you through. TM engines respond to the call for more power with a torque rise of up to 40%, and actually grow horsepower in response to demanding conditions — up to 35 hp for non-static PTO applications (TM175 and TM190 only).



More fuel savings

TM engines were designed to be fuel misers: 1) Rotary-designed injection pumps deliver fuel in precisely the right amount to match engine air flow. That means throttle response is fast and fuel burns smoothly and cleanly at any speed; 2) A high compression ratio results in maximum fuel economy, quick start-ups and quiet operation; 3) The cross-flow cylinder heads increase air flow through the engine for gains in efficiency; 4) Specially designed turbocharger compressor blades optimize efficiency and performance.



State-of-the-art 7.5-liter New Holland engines are turbocharged and aftercooled for the best combination of power and fuel efficiency.



The smoothest powershift available

18x6 Power Command™ full powershift combines operating ease with the productivity of smart programming.

With its patented torque sensing system, the TM Power Command™ full powershift transmission offers similar comfort and convenience of an automatic transmission in a car. It's available on all models, and comes standard on the TM175 and TM190.



Power Command™ full powershift can also be operated manually using the “fast” and “slow” buttons on the main control lever. You can shift seamlessly through all gears under full load.

Automatic shifting in the field or on the road

There's no more guesswork when it comes to choosing a gear for each application. Power Command shifts automatically based on the engine load, engine speed and ground speed that you set. We call it “adaptive” shifting. You'll call it smooth and easy. And, when it's time to hit the road, simply

hit the Auto Shift button, open up the throttle and Power Command shifts automatically for you from gear 12 through 18. You'll get from one place to another quickly thanks to the 25 mph transport speed (18.5 mph on 2WD).

The smoothest shuttling

You won't find a better shuttle transmission on the market — period. Some competitive tractors don't even offer a shuttle and force you to navigate through shift gates. The Power Command power shuttle provides fast shifting from forward to reverse with the flick of a lever — no clutch required. As with all New Holland TM transmissions, the shuttle lever is on the left, to free your right hand for operating the loader or implement. You also get programmable features that make repetitive work like grading and loading an exercise in smoothness and speed.

Creeper speeds available

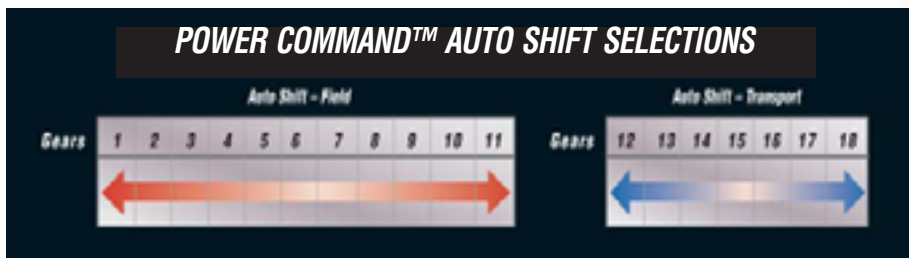
Something else you won't find on most competitive tractors is a powershift creeper option. The Power Command creeper transmission combines the convenience of a powershift with the slow speeds that are ideal for blowing snow and working in specialty crops.



Convenient power shuttle provides fast, clutch-free direction changes with the touch of a lever.



The TM Power Command™ full powershift can be programmed with the simple press of the Auto Shift button mounted on the right-hand B pillar to automatically shift between gears 1 thru 11 (AutoField), or gears 12 thru 18 (Auto Transport).





Easy shifting and shuttling

Range Command™ provides six consecutive powershift gears in three ranges for plenty of speed flexibility.

Simplicity and flexibility are two words that describe the TM 18x6 Range Command™ semi-powershift transmission. Standard on the TM120, TM130, TM140 and TM155, Range Command provides nine speeds in the critical two-to-seven-mph working range to allow you to match tractor ground speed to your application. Gear speeds overlap and are well-spaced, eliminating the need for frequent range changes. If you do need to change ranges, you can do it without clutching.

Change and select speeds with the touch of a finger

Shifting Range Command is as easy as moving your thumb or finger, and programmable features make your day a lot easier. Take a look:

Pulse Shift lets you move up or down one smooth gear at a time by pressing the “fast” or “slow” button.

Sequential Shift makes it easy to move sequentially through the six powershift gears within each range. Just hold down the “fast” or “slow” button.

Speed Matching lets you automatically downshift as ground speed slows.

Gear Pre-Select lets you select the forward or reverse gear you want to start in while the shuttle lever is in neutral. Then move the lever forward or reverse for a smooth, modulated start without using the clutch.

Programmable Reverse allows you to program the reverse speed to matchup to three gears faster, or three gears slower than your forward speed.

Automatic Upshift lets you automatically match gear speed to engine and road speeds each time the clutch is engaged.

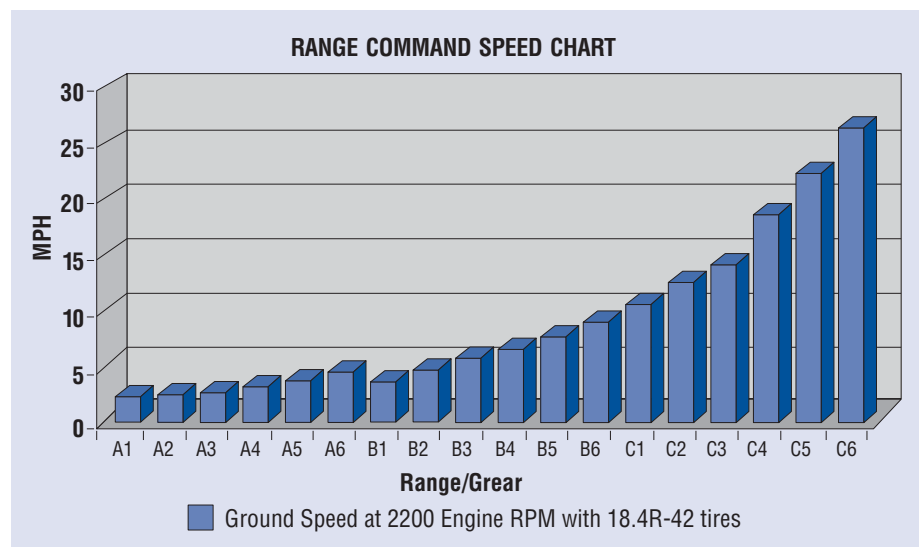


The Range Command™ display makes it easy to see which range and speed you're in. An audible beep and flashing LCD also remind you when a range change is required.

Convenient clutchless shuttle

Just like the Power Command™ power shuttle, the Range Command shuttle gives you fingertip control when

changing direction. Just touch the lever to the left of the steering wheel and electrohydraulics do the work.





Eliminate headland hassles

Custom Headland System provides “instant replay” of multiple functions.

Making a turn at the headland is usually like a juggling act. You need to make several adjustments and turn the tractor at the same time. Now imagine you could make all those adjustments with the push of a button. The New Holland Custom Headland System available on TM175 and TM190 tractors makes that dream a reality.

Just hit “instant replay”

The TM Custom Headland System works like your VCR. It “records” your activities at the end of the row and “replays” them every time you need to. It can memorize up to 28 tasks, including

three-point raise and lower functions, transmission gear changes, engine rpms and cruise control engagement. So as you approach the headland, you can simply press the “play” button and the Custom Headland System will throttle back, change gears and raise your implement. You also “record” and “play” your actions as you re-enter the row. It’s just like “instant replay.” Only this feature really pays a dividend — it saves you time and effort by taking the annoying repetition out of your day, and it gives your less experienced drivers the same efficiency as your best ones.



Press this button and the New Holland Custom Headland System records your actions at the end of the field. Put your most skilled driver in the seat, then have them run through a headland turn, making all the necessary adjustments to the throttle, transmission and three-point hitch. Now your TM tractor is programmed for maximum efficiency — even with an inexperienced driver at the wheel.



With the New Holland Custom Headland System, you simply press the “play” button and your TM tractor will automatically throttle back, change gears and raise your implement at the headland.





Turn sharper and faster with SuperSteer™ FWD

Unmatched 65° turn angle gives you incredible maneuverability.

No matter what front axle you choose for your TM tractor — 2WD, FWD, TerraGlide™ or SuperSteer™ — you will turn sharper than you can on competitive-brand tractors. Add the SuperSteer FWD axle and no other tractor comes close. The SuperSteer 65-degree maximum turn angle lets you make turns that are 30% sharper and faster.

You'll work more productively in small fields, get in and out of tight yards and have a significant advantage in row-crop operations. And, a SuperSteer — equipped TM tractor weighs more and has a longer wheelbase for a smoother ride and added traction and stability.

It's a remarkably simple concept that has revolutionized turning. Front ballast weights are mounted directly onto the SuperSteer™ axle so they move along with the wheels and never interfere with wheel turning.

The SuperSteer axle is attached to the tractor with a simple, heavy-duty ball-and-socket joint. As the tractor turns, the whole axle pivots. The inside tire moves away from the tractor. At the same time, the outside wheel moves forward, in front of the nose of the tractor. This movement provides more tire clearance, a greater turning angle and reduces turnaround diameter. With 14.9 R28 tires at a 60" setting, the SuperSteer FWD axle turns a 22-ft.-diameter circle without brakes—the tightest in this tractor class.





TerraGlide™ suspended front axle smoothes out rough spots

Maintain maximum traction, stability and control in any terrain.

For an ultra-smooth ride with maximum stability, traction and steering control, equip your TM tractor with the optional TerraGlide™ suspended FWD axle.

Step over rough spots

The TerraGlide axle provides a remarkable 4.1 inches (105 mm) of travel, letting you virtually “step over” rough spots and smooth out rutted fields, hard-packed furrows and bumpy access roads for a more comfortable ride. During long days it really makes a difference. The system works to keep the front tires in contact with the ground — on any terrain and even at high speeds. This reduces the vibration and shocks that reach you in the operator’s seat, and improves your traction and control. Independent tests have shown that up to a 5% increase in the drawbar performance can be attributed to operating with the FWD Suspended Axle.

The TerraGlide FWD axle is a simple, affordable design — unlike complicated competitive systems. It automatically self-levels based on load. Also, a convenient override switch is provided right in the cab to lock out the front suspension. To ensure your comfort and safety, the suspension is automatically engaged at speeds over 7.5 mph (12 kph).



Want to lock out the TerraGlide™ axle? Stay seated! This override switch means you don't have to leave the comfort of the cab. You won't find this on competitive systems.





Optimum traction at every moment

TerraLock™ electronic traction control combines automatic FWD and differential lock to deliver full drive capability through all four wheels.

New Holland TM tractors tie power to the ground with the TerraLock™ electronic traction system. Standard equipment on all TM tractors with FWD, the TerraLock system offers the convenience of fully automatic FWD and front and rear differential lock engagement. The result: full-drive capability through all four wheels for more positive traction. On 2WD models, a semi-automatic system is standard.

Fully Automatic TerraLock™ System (FWD models)

This four-pad control gives you the choice of manual control or the convenience of fully automatic FWD and differential lock:

Touch pad (A) allows manual engagement and disengagement of the FWD.

Touch pad (B) engages the FWD axle in an automatic control mode. The automatic FWD will temporarily disengage the axle drive when:

- steering angle exceeds 30° with a ground speed of less than 6 mph (10 kph).
- steering angle exceeds 25° with a ground speed of 6 to 12 mph (10 to 20 kph).

FWD will permanently disengage when:

- ground speed exceeds 12 mph (20 kph).
- you touch the switch a second time.

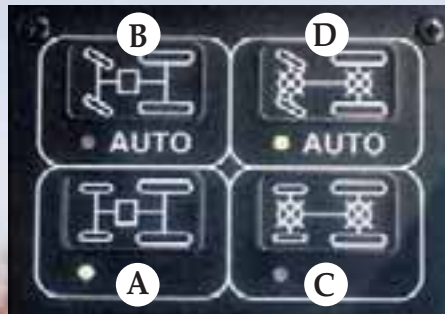
Touch pad (C) provides manual control of the differential lock. Touch the pad to engage the front and rear locks. To disengage from manual, touch the pad

again, apply one or both brake pedals or travel over 9 mph (15 kph).

Touch pad (D) engages the lock(s) and allows the fully automated system to maximize power transfer to the ground. The differential locks will temporarily disengage when:

- either brake pedal is applied for single pedal braking.
- front axle steering angle exceeds 20° with a ground speed of less than 6 mph (10 kph).
- front axle steering angle exceeds 10° with a ground speed between 6 and 9 mph (10 to 15 kph).
- the three-point hitch is raised using the fast raise/work switch.

The differential locks will permanently disengage when ground speed exceeds 9 mph (15 kph).

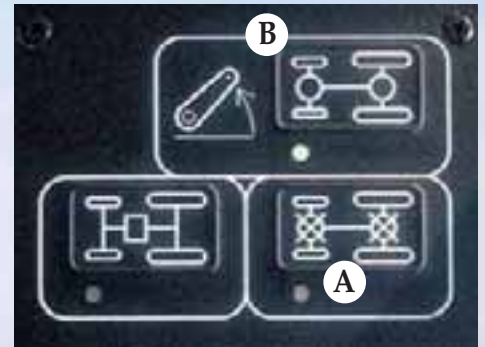


Semi-Automatic TerraLock™ System (2WD models only)

This three-pad control offers convenient operation of the differential lock system.

Touch pad (A) provides manual control of the rear differential lock. Touch the pad to engage the locks. To disengage, touch the pad again, apply one or both brake pedals or travel over 9 mph (15 kph).

Touch pad (B) engages the semi-automatic differential lock feature. Disengagement occurs when either brake pedal is depressed or you press the three-point hitch raise/work switch. The system automatically re-engages when you release the brake pedal(s) or lower the three-point hitch using the fast raise/work switch. As with the manual mode, diff lock disengages when you travel over 9 mph (15 kph).



High-capacity hydraulics deliver power only on demand



Closed-center load-sensing system delivers instant response.

A high-capacity, closed-center load-sensing hydraulic system is standard on all TM tractors. The system features an advanced pump that, on demand, delivers up to a maximum 28 gpm oil flow (31.7 gpm on the TM175 and TM190) for work functions at the three-point hitch or remotes. The pump runs at low-pressure standby when hydraulics are idle to minimize power consumption.

A separate steering pump supplies 16.0 gpm (17.0 gpm on TM175 and TM190) to the steering system, PTO, diff lock, FWD axle, transmission clutches and lubrication circuit. That adds up to an impressive, best-in-class 44 gpm (48.7 gpm for TM175 and TM190) total hydraulic system flow. Competitive tractors rely on one pump. During rapid steering, like during headland turns or loading in tight quarters, the flow rate at the remotes on competitive tractors drops dramatically, decreasing your productivity.

Up to eight advanced remote valves — from the factory

You can order your TM175 or TM190 tractor factory-fitted with up to eight hydraulic valves—five rear and three mid-mount. The TM Models 120-155 can be ordered with up to seven hydraulic valves — four rear and three mid-mount. An exclusive fourth mid-mount

hydraulic circuit can be added by your New Holland dealer. On the TM175 and TM190, optional electro-hydraulic valves are fully programmable to allow you to adjust timing and flow as needed for each operation. On other TM models, the rear remotes feature fully adjustable flow control and a check valve to prevent load drops. The third and fourth mid-mount valves have exclusive proportional control that allows you to vary the flow rate to these functions.

The TM hydraulic system also features a standard “power beyond remote feature” permitting the attachment of a separate feed, return and sensing line. This allows implements with high hydraulic demand to operate using their own valve controls, which simplifies hook-up.



The Electrolink™ pod is located conveniently on the right-hand console for easy fingertip operation of the three-point linkage.

Lift capacity that's second to none

New Holland TM175 and TM190 tractors lead the industry with a three-point lift capacity of up to 17,085 pounds to handle heavy implements, like no-till planters and rollover plows, with ease.



Rocker switches on the rear fenders allow you to raise and lower the three-point hitch for easy implement attachment and adjustment.

Easy, precise function control

The Electrolink™ electronic draft control system lets you dial in the perfect blend of position and draft you need for automatic linkage control. With Electrolink, you control drop rate, height limit, position/draft sensitivity and slip limit. Draft sensitivity isn't even available on some competitive tractors. On the TM, it's standard equipment.

Smooth PTO engagement

The TM “soft start” PTO provides smooth start-up even with high-torque equipment and high-inertia loads. At engine speeds above 1800 rpm, the soft start PTO reverts to conventional PTO engagement. A PTO over-speed alarm ensures that implements are running at optimum capacity.



Dynamic Ride Control™ helps prevent three-point-mounted implements from “bouncing” on the rear hitch during transport. You enjoy greater steering control, added safety and a smooth, comfortable ride at speeds above 5 mph.

There's no better place to work

Roomy, two-door cab puts you at ease and in control.

With the feel of a luxury automobile, the TM cab offers the ultimate in comfort and convenience. You can enter your travelling "office" from either side. Two extra-wide doors are standard — just one of many features that set the TM cab apart from the rest.

Outstanding visibility in all directions

There's a lot of glass in the TM cab, affording you an unobstructed view all around. The TM's sloped hood makes it easy to see down to the rows and to the front axle. Open the rear window (it extends completely) to make implement hook-up extra easy.

Sit in comfort

A shock-absorbing, air-suspension seat is standard for optimum comfort. Or, specify the optional deluxe, air-ride seat with optional heating function. All seats swivel up to 21 degrees. In addition, the deluxe seats offer a full 12 adjustments to let you find the most natural working position. A tilt/telescoping steering column increases your comfort even more.

Extra-smooth Comfort Ride™ cab suspension

For the smoothest, most stress-free ride you'll ever take in a tractor, choose the Comfort Ride™ cab suspension. It's standard on the TM175 and TM190 and optional on all other models. The Comfort Ride suspension smoothes out bumps and minimizes driveline vibrations up to 20% so you can concentrate on the work at hand. A three-position spring and adjustable dampening unit features four inches of suspension travel to eliminate shock loads transferred to you in the tractor seat.



Sixty-two square feet of glass provides visibility that's best in the business.

Details make the difference

With other tractors, you must pay extra for the details that make a noticeable difference in your day. On the TM tractor, deluxe features are standard, including a sun visor, rear wiper, front and rear window washers, outside mirrors and a foot throttle. There's storage room for a cell phone, and additional compartments to keep items secure and organized. There are two cup holders and a large digital clock that's easy to read, day or night.

You breathe clean, dust-free air thanks to the thorough TM cab filtration system. Recirculation filters are on the ceiling — not at floor level where dirt settles. If you do a lot of work before dawn in the winter and after dusk in the summer, you'll appreciate the TM lighting package. Twelve work lights — four in the cab roof, four in the front grill and four affixed to the front grab rail and rear fenders — provide plenty of illumination to light up the night.

On the TM175 and TM190, choose the optional fully programmable electro-hydraulics. Manual remotes (shown in inset) are available on all TM models.





The perfect match — your TM and the LB loaders

Phenomenal lift capacity and breakout force help you move big loads fast.

The 62LB and 72LB mid-mount loaders let you get the very most out of your TM tractor. With a breakout force of up to 7,600 pounds and loader lift capacities of 3,900 and 5,300 pounds respectively, the 62LB and heavy-duty 72LB allow you to move larger loads of material to get your work done faster. You can easily center-fill large wagons and bunkers thanks to the 13.0-foot lift height of the 62LB and the 14.2-foot lift height of the heavy-duty 72LB.

No matter what TM axle configuration you choose for your operation — 2WD, FWD, SuperSteer™ or Terraglide™ — there's a New Holland loader to match.

The TM's best-in-class optional mid-mount hydraulics and convenient joystick control make loader work a pleasure. You can equip your TM with two, three or four optional mid-mount valves. Visibility is excellent due to the TM loader's mid-mount design, narrow boom arms and small uprights.

Access to lubrication and service areas is also excellent. No tools are needed for loader attachment and removal. Simply throw two levers and use tractor hydraulics to quick-attach the loader.





TM Front-End-Loader	62LB	72LB MSL	72LB MSL
Max. Lift Height in (mm)	157 (3988)	180 (4572)	170 (4318)
Lift Capacity @Max Height @00mm lbs (kg)	3900 (1769)	5300 (2404)	5300 (2404)
Breakout Force @00mm lbs (kg)	6100 (2724)	7600 (3447)	7600 (3447)
<ul style="list-style-type: none"> •Quick-Attach™ Loader Buckets and Implements •72" Low Profile Standard Duty Material •72" Low Profile Heavy Duty Material •84" Heavy Duty Material 	<ul style="list-style-type: none"> •48" Pallet Forks with Frame and Guard •Grapple for 84" Heavy Duty Material Bucket •Bale Spear •Manure Tines for 72" and 84" Heavy Duty Material Buckets 		

Ready for work in no time

Easy access coupled with long service intervals reduces prep time.

No one makes servicing easier than New Holland. TM tractors are no exception. Routine maintenance is a simple proposition. Service checks can be completed without opening the hood, and there are no doors or panels to remove. You can check engine oil and check for water in the transparent water separator.

If you need a closer look, the entire hood

glides open on gas struts to provide you with complete access to the engine and air cleaner. Most competitive-brand tractors force you to work around panels with tether cables.

On the TM175 and TM190, New Holland engineers designed sight-glasses for quick and convenient transmission oil level checks.



You can check the oil without raising the hood. And with the TM, there's never a need to work around doors or panels.



To access the TM air filter, simply raise the hood and remove a wingnut.



Clearing debris from the radiator is an easy job. The TM cooler and condenser slide out for inspection and cleaning, while most tractors require you to remove bolts, hoods and panels.



It's easy to reach the cab air filters right from the cab steps.





Specifications

MODEL	TM120	TM130	TM140	TM155	TM175	TM190
ENGINE						
Cylinders	6	6	6	6	6	6
Aspiration	Turbocharged	Turbocharged	Turbocharged	Turbocharged	Turbocharged	Turbocharged
	Air-to-air intercooled	Air-to-air intercooled	Air-to-air intercooled	Air-to-air intercooled	Air-to-air intercooled	Air-to-air intercooled
PTO horsepower (kW)	95 (70)	105 (78)	115 (85)	125 (93)	145 (108)	160 (119)
Displacement, cu in (L)	456 (7.5)	456 (7.5)	456 (7.5)	456 (7.5)	456 (7.5)	456 (7.5)
Rated speed (RPM)	2200	2200	2200	2200	2200	2200
Maximum torque (RPM)	1400	1400	1400	1400	1400	1400
Engine torque rise	30%	34%	40%	40%	40%	40%
TRANSMISSION						
Power Command™ powershift (2WD/FWD)	17 x 6/18 x 6	17 x 6/18 x 6	17 x 6/18 x 6	17 x 6/18 x 6	17 x 6/18 x 6	17 x 6/18 x 6
Range Command™ semi-powershift (2WD/FWD)	17 x 6/18 x 6	17 x 6/18 x 6	17 x 6/18 x 6	17 x 6/18 x 6	NA	NA
Creeper	yes	yes	yes	yes	yes	yes
ELECTRICAL						
Battery (1)	12V	12V	12V	12V	12V	12V
Cold cranking amps	1300	1300	1300	1300	1300	1300
Alternator (amps)	120	120	120	120	120	120
Worklights	12	12	12	12	12	12
PTO						
Type	Wet multi-plate	Wet multi-plate	Wet multi-plate	Wet multi-plate	Wet multi-plate	Wet multi-plate
Engagement	Electro-hydraulic	Electro-hydraulic	Electro-hydraulic	Electro-hydraulic	Electro-hydraulic	Electro-hydraulic
Speed (RPM)	540/1000	540/1000	540/1000	540/1000	540/1000	540/1000
HYDRAULICS						
System typeClosed center load sensing.....					
Implement hydraulic pumpVariable displacement piston.....					
Pump capacity, gpm (l/m)	28 (106)	28 (106)	28 (106)	28 (106)	31.7 (120)	31.7 (120)
Steering and services pump, gpm (lpm)	16 (62)	16 (62)	16 (62)	16 (62)	17 (65)	17 (65)
Total tractor flow, gpm (lpm)	44 (168)	44 (168)	44 (168)	44 (168)	48.7 (185)	48.7 (185)
Max. pressure, psi (bar)	2,750 (190)	2,750 (190)	2,750 (190)	2,750 (190)	2,750 (190)	2,750 (190)
Max. number of rear remotes	4	4	4	4	4	4
Joystick control and optional mid-mount valves	2-4	2-4	2-4	2-4	2-4	2-4
(2nd & 3rd mid-mounts factory installed, 4th is dealer installed).....					
3-POINT HITCH						
Type	Cat II	Cat II	Cat II/IIIN	Cat II/IIIN	Cat II/IIIN	Cat II/IIIN
Aux. Lift RAM	0	0	1	1	2	2
Lift capacity (24 inches behind ball ends)	7,441 (3375)	7,441 (3375)	11,420 (5180)	11,420 (5180)	17,085 (7750) est.	17,085 (7750) est.
Lift capacity (ASAE S349.2)	8,725 (3955)	8,725 (3955)	11,690 (5302)	11,690 (5302)	N/A	N/A
Draft control/sensing	EDC / lower link	EDC / lower link	EDC / lower link	EDC / lower link	EDC / lower link	EDC / lower link
Flexible link ends	Standard	Standard	Standard	Standard	Standard	Standard
Sway blocks	Standard	Standard	Standard	Standard	Standard	Standard



MODEL	TM120	TM130	TM140	TM155	TM175	TM190
CAPACITIES						
Fuel tank, U.S. gal (L)	75.3 (285)	75.3 (285)	75.3 (285)	75.3 (285)	105.1 (398)	105.1 (398)
Crankcase with filter, qt. (L)	20 (19)	20 (19)	20 (19)	20 (19)	20 (19)	20 (19)
Cooling system, U.S. gal (L)	6.7 (25.5)	6.7 (25.5)	6.7 (25.5)	6.7 (25.5)	6.9 (26)	6.9 (26)
Hydraulic system, qt. (L)						
Power Command™ transmission	23.8 (90)	23.8 (90)	23.8 (90)	23.8 (90)	26.4 (100)	26.4 (100)
Range Command™ transmission	23.8 (90)	23.8 (90)	23.8 (90)	23.8 (90)	N/A	N/A
STEERING						
Type	Hydrostatic	Hydrostatic	Hydrostatic	Hydrostatic	Hydrostatic	Hydrostatic
Turning angle						
2WD	52°	52°	52°	52°	55°	55°
Std. FWD	55°	55°	55°	55°	55°	55°
SuperSteer™ FWD	65°	65°	65°	65°	65°	65°
AXLES — Tread Settings						
Front, in (cm)						
2WD	60.8 – 86.1 (154 – 219)	60.8 – 86.1 (154 – 219)	60.8 – 86.1 (154 – 219)	60.8 – 86.1 (154 – 219)	60.9 – 88.9 (155 – 226)	60.9 – 88.9 (155 – 226)
Std. FWD	61.1 – 89.3 (155 – 227)	61.1 – 89.3 (155 – 227)	61.1 – 89.3 (155 – 227)	61.1 – 89.3 (155 – 227)	61.1 – 89.3 (155 – 227)	61.1 – 89.3 (155 – 227)
SuperSteer™ FWD	61.1 – 89.3 (155 – 227)	61.1 – 89.3 (155 – 227)	61.1 – 89.3 (155 – 227)	61.1 – 89.3 (155 – 227)	61.1 – 89.3 (155 – 227)	61.1 – 89.3 (155 – 227)
TerraGlide™ FWD	61.1 – 89.3 (155 – 227)	61.1 – 89.3 (155 – 227)	61.1 – 89.3 (155 – 227)	61.1 – 89.3 (155 – 227)	61.1 – 89.3 (155 – 227)	61.1 – 89.3 (155 – 227)
Flange rear, in (cm)	60 – 87.9 (152 – 223)	60 – 87.9 (152 – 223)	60 – 87.9 (152 – 223)	60 – 87.9 (152 – 223)	N/A	N/A
98" bar	60 – 96 (152 – 243)	60 – 96 (152 – 243)	60 – 96 (152 – 243)	60 – 96 (152 – 243)	60 – 96 (152 – 243)	60 – 96 (152 – 243)
112" bar	60 – 100 (152 – 254)	60 – 100 (152 – 254)	60 – 100 (152 – 254)	60 – 100 (152 – 254)	60 – 100 (152 – 254)	60 – 100 (152 – 254)
119" bar	N/A	N/A	N/A	N/A	60 – 118 (152-300)	60 – 118 (152-300)
Engagement	Electro-hydraulic	Electro-hydraulic	Electro-hydraulic	Electro-hydraulic	Electro-hydraulic	Electro-hydraulic
TerraLock™Standard on FWD; Semi-automatic system standard on 2WD.....					
DIMENSIONS* in (mm)						
Height, top of cab (Std. cab)	111.4 (2830)	111.4 (2830)	111.4 (2830)	111.4 (2830)	113.4 (2881)	113.4 (2881)
Wheelbase						
2WD	108.1 (2747)	108.1 (2747)	108.1 (2747)	108.1 (2747)	111.8 (2842)	111.8 (2842)
Std. FWD	107.2 (2723)	107.2 (2723)	107.2 (2723)	107.2 (2723)	110.9 (2816)	110.9 (2816)
SuperSteer™ FWD	113.4 (2880)	113.4 (2880)	113.4 (2880)	113.4 (2880)	117.1 (2975)	117.1 (2975)
TerraGlide™ FWD	109.7 (2788)	109.7 (2788)	109.7 (2788)	109.7 (2788)	113.3 (2878)	113.3 (2878)
Overall length (std. FWD)	185.7 (4718)	185.7 (4718)	185.7 (4718)	185.7 (4718)	189.4 (4813)	189.4 (4813)
Min. clearance at drawbar	16 (405)	16 (405)	16 (405)	16 (405)	18 (470)	18 (470)
* Tires used for dimensions	11 x 16 (2WD); 14.9R28/18.4R38 SWB (FWD) and 14.9R30/20.8R42 (FWD)					
Approx. shipping weight, lb (kg)						
2WD	11,283 (5118)	11,283 (5118)	11,353 (5150)	11,863 (5381)	14,782 (6705)	14,782 (6705)
FWD	11,859 (5379)	11,859 (5379)	11,929 (5411)	12,439 (5642)	15,360 (6967)	15,360 (6967)

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