

**New Holland
TG Tractors
170 to 240 PTO hp Tractors**

TG210 TG230 TG255 TG285



NEW HOLLAND



TG 170 TO 240 PTO HP TRACTORS

Designed for the producer with the long "to-do-well" list

You refuse to settle for second best. That's why New Holland designed the new TG tractors to provide the best performance available in the industry today.

Stronger engine power

With up to 56% PTO torque rise at your command, you have the lugging power to do any job that comes your way. Four models provide increased horsepower levels to handle today's larger implements so you can maximize your productivity.

MODEL	PTO HP
TG 210	170
TG 230	190
TG 255	215
TG 285	240



More hydraulic flow

TG power continues with exceptional hydraulic flow. The TG hydraulic system delivers 38 gallons per minute standard, or

add the MegaFlow™ option for an unprecedented 68 gpm—far more than you'll find on other tractors in this class—to operate the largest, most productive seeders and implements at maximum efficiency.





TG

Sharper turning

Equip your TG tractor with the improved SuperSteer™ FWD axle. This exclusive axle design allows you to turn so tight you can make

a simple turn at the headland—even with an eight-row planter on 30-inch rows. It delivers the kind of maneuverability that saves you time every day.

NEW HOLLAND CUSTOMER CARE

10 years or 10,000 hours

When you buy a New Holland TG tractor, you get the added peace of mind of the New Holland Customer Care program. This program provides you with a **FREE** 10-year 10,000-hour warranty on your TG tractor, as long as you maintain your TG tractor with regular maintenance checks using New Holland-brand fluids, and have your dealer complete an annual service check. See your dealer for details.

The most spacious cab

There are no compromises in the TG cab either. It's the most spacious cab in the industry, and it offers unmatched visibility. It's a functional, comfortable work space designed to keep you at your very best.

The best warranty

Something else you get with the new TG tractor is peace of mind. New Holland includes a three-year or 3,000 hour, full-machine warranty with each TG tractor. It's unmatched in the industry. Also be sure to ask your dealer about the New Holland Customer Care program.

Experience the best

You set high standards and expect the best performance from your equipment, so demand the best tractor.

Visit the tractor specialist—your New Holland dealer and experience the new TG tractors firsthand.

TG 170 TO 240 PTO HP TRACTORS

Best-in-class power and performance



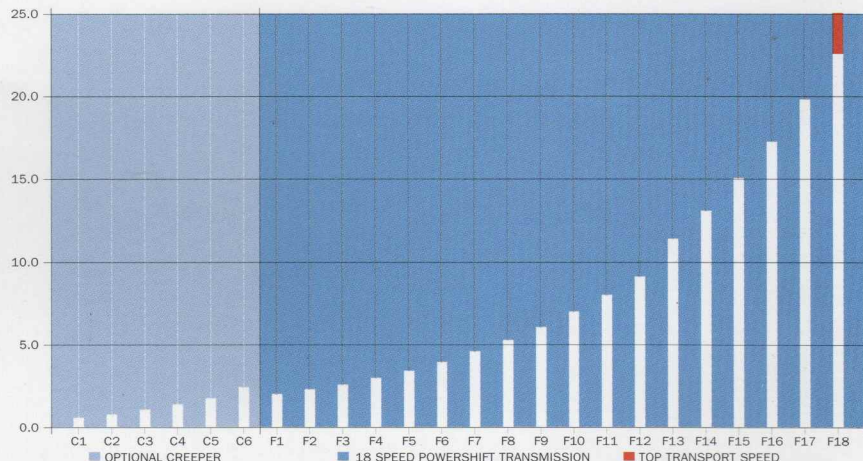
Whether you need power at the drawbar, PTO, three-point hitch or hydraulic lines, TG tractors are versatile workhorses that deliver impressive power and response no matter what the application.

Best-in-class pulling power

New TG tractors offer more horsepower than ever—up to 240 PTO horsepower—to pull even larger implements. The six-cylinder, turbocharged, 8.3-liter New Holland engines also deliver more lugging power—hands down—than all other tractors in their class. An industry-leading 56% PTO torque rise and up to 30 PTO horsepower power growth means TG engines actually increase horsepower when the going gets tough. TG engines are cantilever mounted to the

transmission with direct drive through to the transmission to eliminate parasitic power losses. Their 2200-rpm rated speed helps contribute to long life, added reliability

and better fuel economy. On the TG255 and TG285, fuel delivery is electronically controlled to increase fuel economy and increase torque response at low engine speeds.



The TG powershift provides a smooth progression of speeds, and a 25 mph transport speed that saves you time on the road.



Best-in-class three-point lift

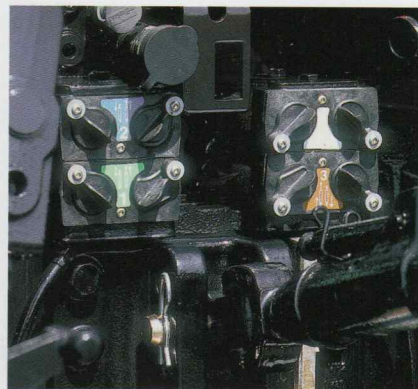
TG tractors also give you the highest lift capacity you can get—up to 17,920 pounds with the increased three-point-hitch lift option—so you can harness the productivity of the largest implements on the market. Dynamic Ride Control™ hydraulically adjusts the three-point hitch to cushion the load of heavy, mounted implements to improve your control during transport.

Best-in-class hydraulic flow

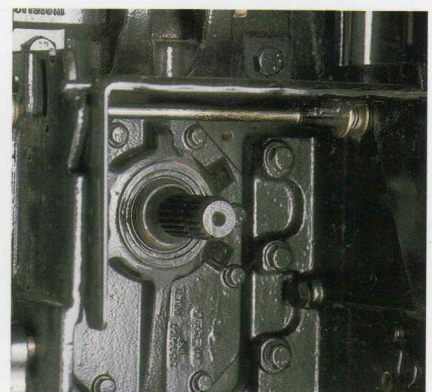
Hydraulic power is yet another area where TG tractors are number one. A 38 gallons-per-minute (gpm) pump is standard, or add

the MegaFlow™ hydraulic option for an unmatched 68 gallons per minute. That's more gallons than any competitor for more efficient operation of high-demand imple-

ments like air seeders and beet lifters. Electrohydraulic remote valves are standard and provide you with the convenience of in-cab flow control and readouts.



Remote couplers are color-coded to match the appropriate remote levers on your right-hand armrest control console.



A 1000-rpm PTO is standard equipment. For added versatility with smaller implements, choose the optional dual speed 540/1000 rpm PTO.

TG 170 TO 240 PTO HP TRACTORS

Innovative features make you more productive

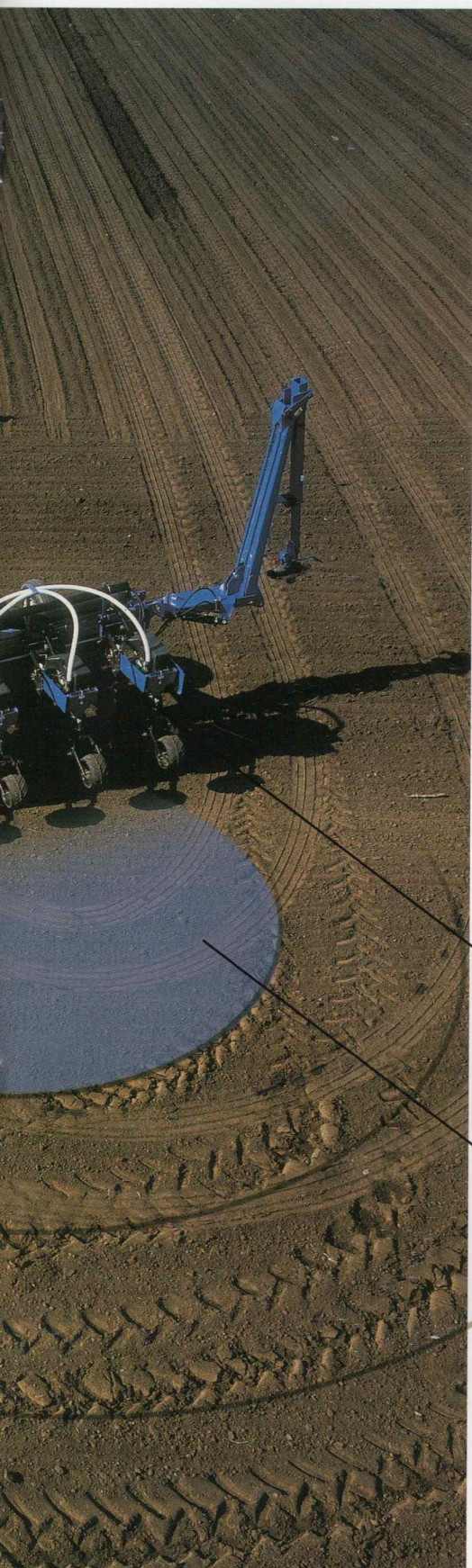
New Holland engineers always find ways to help you get more work done in less time — ways to make your job a little easier. Here are just a few New Holland innovations that help you make the most of your day.



Turn tighter with SuperSteer™

For the tightest turns in the industry, equip your TG tractor with the optional SuperSteer™ FWD axle option. 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, allowing the outside wheel to move forward, in front of the nose of the tractor. This provides more tire clearance and a greater turning angle to reduce turnaround diameter.





Adding SuperSteer pays off in time savings — at the end of every row and every time you need to maneuver in tight spaces. You can make a simple turn at the head-land— even on narrow 20- and 22-inch row spacing — or on 30-inch rows with an eight-row implement.

Smooth out the bumps with TerraGlide™

For an ultra-smooth ride on the roughest ground, equip your TG tractor with the optional TerraGlide™ suspended FWD axle. The TerraGlide™ axle provides over four inches of travel, to keep the front tires in contact with the ground — on any terrain and even at the higher 25 mph transport speed. This reduces the vibration and shocks that reach the cab, and improves stability, traction and steering control.

With the exclusive SuperSteer™ FWD axle, you can get back into the rows with a simple turn.

Turning Radius is Best-in-class.

Increase productivity with MegaFlow™ hydraulics

When you choose the MegaFlow™ system, you add an additional 29.4-gpm pressure/flow compensated piston pump to the standard TG hydraulic system, increasing total flow to a whopping 68 gpm. No other hydraulic system comes close! And, these two pumps provide two separate circuits to let you simultaneously operate two systems — a low-flow/high-pressure system like an orbital motor from one remote, and a high-flow/low-pressure system from another. Other tractors use one common pump to carry both loads, and that decreases efficiency. When you add the optional performance monitor, you have the added benefit of individual remote valve timers for increased control.



A cab that leaves you feeling invigorated



Invigorating...refreshing... top of the line...just some of the words used to describe the new TG cab. And, why not? You and your operators deserve it. After all, the better you feel, the better you perform. The TG cab is designed to keep you performing at your best.

More room

Here's a mobile office designed for how you live and work, providing 109.5 cubic feet of volume — the most volume in the industry. The large work station to your left holds a laptop computer or whatever you need to have closeby. A large shelf behind the seat provides additional space for coolers, tools, gloves...whatever you need. There are also plenty of outlets and mounting brackets for phones, radios and monitors.

Plenty of glass

Over 68 square feet of glass surrounds you when you sit in the TG cab, providing you with an excellent view in all directions. That's the most glass you'll find on any cab in the industry. The narrow, sloped hood makes it easy to see down to the rows, while the ample rear-opening window makes it easy to see toward the rear of the tractor, simplifying hookup.

Built-in comfort

The TG air-ride seat helps to fight the annoying effects of gravity throughout the day. When you choose the deluxe cab option, your air-ride seat provides even

more comfort with an adjustable headrest, backrest and thigh cushion, as well as an automatic heat control that cycles on and off during the work day. The deluxe cab also

offers additional convenience and comfort features, including automatic temperature control, a sunscreen, map light, optional six-disc CD changer, fully adjustable right armrest and additional storage areas with cargo nets overhead and to the rear.

For the ultimate in riding comfort, choose the new AutoComfort™ seat suspension option. A sensor continuously monitors vehicle ride and automatically



controls the dampening provided by the seat shock absorber to deliver the most comfortable ride possible based on the terrain.

Convenient controls and automatic shifting

TG controls, including the transmission lever, throttle and hydraulic remotes, are located at the end of your right-hand arm rest. The controls travel with your seat so they're always at the perfect position. The transmission lever for the 18x4 full-powershift transmission allows you to move smoothly through the gears without clutching. The standard right-hand power shuttle makes changing direction as simple as moving the control lever forward and back. You can even program the forward and reverse gears to match your needs.

New Holland TG tractors also allow you to shift automatically — both on the road and in the field. When you depress the Auto Shift button while in gears one through 12, tractor performance is maintained under varying loads in the field based on throttle, engine speed and engine load. When you're in gears 11 through 18, the Auto Shift button engages the automatic roading feature, allowing you to operate the tractor using only the throttle lever.

The upper two buttons on the transmission control lever allow you to move through the gears with the push of your thumb. Press the top button and you shift up one gear at a time. Hold the top button and you shift up one gear every second. Use the bottom button in the same way to downshift. Your selected gear appears on the instrument panel at all times.



Information at a glance

With TG tractors, there's no need to look down at the console to get the information you want. Simply shift your eyes slightly to the right and you have all the critical tractor information you need, including engine speed, ground speed, gear selection, oil pressure, coolant temperature and fuel level. The optional performance monitor reports on vehicle performance including percentage slip and area



covered per hour. On the TG255 and TG285 with standard electronic fuel systems, you can monitor fuel usage and percent of rated power generated to ensure you are operating at the most efficient gear selection and engine RPM. The performance monitor also protects the engine by shutting it down if critically high engine or transmission temperatures are detected.



Maintenance made easy

New Holland tractors are the easiest to service in the industry, and the TG tractor continues that tradition. You complete daily servicing at one central location where you can easily check engine oil, hydraulic oil, engine coolant and fill the fuel tank. All from the ground...all without opening doors or pulling panels.



For full access to the radiator and engine, the TG hood flips open. We've also extended service intervals so you make service checks less frequently.

When it comes to troubleshooting, New Holland TG tractors are state-of-the-art. New Holland dealers are specially trained in the use of a laptop Electronic Service Tool to perform diagnostics quickly — right in the field — for fast repair and reduced downtime.



The TG flip-up hood provides ready access to the radiator, oil cooler, condenser, and air-to-air cooler.



Refilling the 160-gallon TG fuel tank (optional on the TG210 and TG230—130 gallons is standard) is an easy job right from the ground.

Optional front duals dramatically improve traction and flotation while reducing compaction. They're available factory-installed on the TG255 and TG285, no matter what axle you choose.



Optional lighting packages, including a front and rear High Intensity Discharge (HID) light option, improve visibility during nighttime operation.

Optional power-adjust exterior extendable rear-view mirrors are available for the left- and right-hand side of the cab. They adjust electronically from inside the cab.

A convenient right-hand console houses the controls for the windshield wipers, heat and air conditioning. Automatic temperature control is provided with the optional deluxe cab.



An optional creeper transmission offers an additional six speeds from .5 to 2.5 mph for specialty, low-speed applications.

An optional instructional seat can be installed over the workstation area.



Optional AutoComfort™ seat suspension provides the optimum smooth ride using a sensor within the seat to monitor the terrain and automatically adjust the shock-absorbing system within the seat.

A convenient toolbox is mounted on the right side of TG tractors equipped with the deluxe cab option.



A choice of factory ballast packages allows you to tailor your TG tractor to your individual operation and specialized tasks.

Select the axle that matches your needs — FWD, SuperSteer™ FWD or TerraGlide™ FWD.

A variety of tire options are available to suit your needs, including 900/50 R42 tires for improved flotation and 380/90 R54 tires for narrow row applications.



Specifications*

MODEL	TG210	TG230	TG255	TG285
ENGINE				
Type	Turbocharged, air-to-air intercooled, 8.3-liter (505 cu. in.)	Turbocharged, air-to-air intercooled, 8.3-liter (505 cu. in.)	Turbocharged, air-to-air intercooled, 8.3-liter (505 cu. in.)	Turbocharged, air-to-air intercooled, 8.3-liter (505 cu. in.)
Number of Cylinders	6	6	6	6
PTO horsepower (kW)	170 (126)	190 (141)	215 (160)	240 (179)
Rated speed (RPM)	2200	2200	2200	2200
PTO torque rise	50%	51%	54%	56%
PTO power rise (hp)	20	20	22	30
Fuel tank capacity, U.S. gal (L)	130 (492) standard 160 (605) optional	130 (492) standard 160 (605) optional	160 (605)	160 (605)
TRANSMISSION Programmable 18 x4 full powershift (6x2 Creeper Optional)				
INDEPENDENT PTO Wet multi-plate, 1000-rpm (540/1000 optional), electro-hydraulic engagement				
HYDRAULICS TYPE Closed center, load sensing, variable-displacement piston pump				
Standard high pressure oil available, gpm (l/m)	38.6 (146)	38.6 (146)	38.6 (146)	38.6 (146)
Optional MegaFlow high pressure oil available, gpm (l/m)	68 (257)	68 (257)	68 (257)	68 (257)
Rear remotes	3 standard, 5 optional	3 standard, 5 optional	3 standard, 5 optional	3 standard, 5 optional
3-POINT HITCH				
Type	Cat III/IIIN	Cat III/IIIN	Cat III/IIIN	Cat III/IIIN
Standard lift capacity, lbs. (kg)	13,960 (6332)	13,960 (6332)	14,970 (6789)	15,970 (7301)
Optional lift capacity, lbs. (kg)	15,970 (7301)	15,970 (7301)	17,920 (8138)	17,920 (8138)
SHIPPING WEIGHT (lbs)	23,500	26,500	29,500	31,500

* All numbers are manufacturer's estimates

YOUR NEW HOLLAND DEALER

Visit our website at www.newholland.com/na Or, call toll-free: 1-888-290-7377



Your success — Our specialty

Design, materials and/or specifications are subject to change without notice and without liability therefor. Specifications are applicable to units sold in Canada, the United States, its territories and possessions, and may vary outside these areas.



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.

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