

New Holland TJ 4WD Tractors



Unleash extreme power and productivity

TJ 4WD

Record-breaking power, torque and strength

Put a New Holland TJ four-wheel-drive tractor in your fields and you'll unleash unprecedented engine and hydraulic power to handle your heaviest loads and harshest conditions with ease. You'll also experience a new dimension of comfort, efficiency and convenience.

Blue-ribbon engine performance

TJ engines set a new standard for power and instant response. OECD tests summarized at the University of Nebraska Tractor Test Lab confirm that TJ tractors have the highest torque rise on the market — up to 43%. TJ tractors also offer impressive power growth of up to 40 horsepower, allowing TJ tractors to pull loads on hillsides and power

through tough spots without downshifting.

And there's more. These tractors have the lowest fuel consumption at maximum power (up to 20.28 hp-hrs/gal.) and deliver record-breaking performance in:

- drawbar fuel economy (up to .370 lbs./hp-hr at 75% load at reduced engine speed and .376 lbs./hp-hr at 100% load at reduced engine speed)
- maximum drawbar pull with radial tires (44,525 lbs.)
- 3-point hitch lift (19,620 lbs.)

Leading the way in enormous power is the TJ440, powered by the 15-liter Cummins QSX engine. Rated at 440 horsepower, this model offers the highest engine horsepower

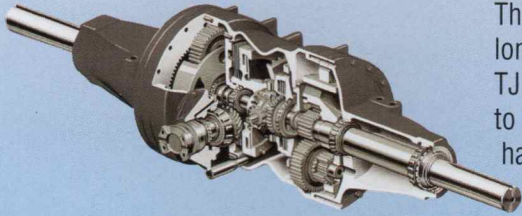
on the market. Add the power growth of 40 more horses and the TJ440 delivers peak power of 480 horsepower.

Powerful 90-gpm MegaFlow™

When you choose a TJ 4WD, a torrent of hydraulic flow is at your disposal. A 40-gallons-per-minute (gpm) pump is standard, while a 55-gpm pump is optional. (55-gpm pump is standard on TJ375 and TJ440 scrapper models). Add the MegaFlow™ hydraulic option for an industry-leading 90 gpm (75 gpm on TJ275) on two circuits. MegaFlow delivers 35 more gallons than the nearest competitor for more efficient operation of high-demand implements like air seeders, beet lifters and laser-leveling equipment.



TJ tractors come equipped with four remote valves, with a fifth valve optional. MegaFlow-equipped models feature two additional remotes — for a total of up to seven valves.



Here's a closer look at the largest-diameter bar axle in the industry—one with the strength and durability to match the high horsepower and heavy load capability of TJ375HD and TJ440 tractors, as well as both scraper models.

More power at the drawbar and 3-point hitch

TJ 4WDs also deliver power where it really counts — at the drawbar. The TJ drawbar pulls from the center of the tractor, near the tractor's articulation point. This center-pull design, combined with the longest wheelbase on the market, gives TJ tractors more efficient pulling power to tow wider implements. You can also handle extremely heavy rippers and planters thanks to the highest three-point lift capacity in the industry — up to 19,500 pounds on the TJ375 and TJ440, and up to 14,500 pounds on the TJ275 and TJ325.



TJ 4WD

Smooth shifting, precise control

TJ transmissions put you in full control to make you more productive in the field or on the job site.

16 speeds for better efficiency

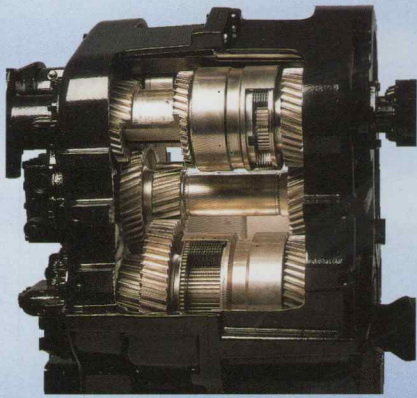
You'll appreciate the smooth shifting and fingertip control of the 16-speed full powershift transmission. It offers an outstanding nine gears in the 3-to-8-mph working range with speeds spaced at half-mile-per-hour intervals, so you can find the perfect speed for the job at hand.

The TJ powershift transmission not only gives you more choices, it saves you time and hassles. You can start out smoothly in any of the first eight gears. A toggle button on the throttle handle lets you select the gear with the touch of your thumb. And, a glance at the instrument panel located on the right-hand cab post lets you confirm the gear you've selected. After you're rolling, you can use the auto-skip shift feature to skip every other gear and accelerate quickly to the industry-leading 23-mph transport speed (depending on tire size).

For jobs that require frequent forward-reverse shifts, you'll appreciate the convenience of this full-shuttle transmission. Simply move the shuttle control on the left side of the steering wheel and you'll shift to first-reverse from forward gears 1 through 8.

A flexible, economical 24x6 Hi-Lo Synchronshift transmission is also available on select models.





Helical-cut gears provide quiet operation.

Special models endure the punishment of scraper operations

The TJ375 and TJ440 Scraper models are a perfect match for the demands of scraping, grading and earth-moving jobs. Equipped with heavy-duty final drives, a heavy-duty scraper drawbar, differential locks and a tow cable, these models offer extra brawn and enhanced utility to handle the abusive conditions encountered in commercial scraping and land-leveling operations. Add on the industry's largest-diameter bar axle and the impressive torque rise of the 15-liter Cummins engine and you can understand why TJ Scraper models are ideal for

this kind of work. The TJ Scraper powertrain is designed to pull scrapers efficiently at speeds over 4 mph with engine speeds above 1800 rpm.

TJ375 and TJ440 Scraper models also offer precision, high-volume hydraulics. A 55-gpm pump is standard. The electro-hydraulic remote valves are designed to interface with laser-guidance systems.

Additional standard equipment includes a back-up alarm and rotating-strobe beacon light for added safety.



TJ 4WD

The ultimate field office

The New Holland TJ cab is the most comfortable traveling office you've ever experienced. It's designed to keep you refreshed and productive even after long hours in the field.

An expansive view

With 23% more space than most 4WDs and over 67 square feet of glass, the TJ cab is the ultimate place to work. The one-piece, curved windshield and sloping hood provide a panoramic view to the front, while the wide

back window lets you keep an eye on the widest implements. A vertical bank of electronic instrumentation is positioned at eye level on the right-hand post to give you the information you need at a glance.

The comfort you deserve

This kind of quiet comfort in a 4WD tractor cab is long overdue. From the automatic temperature control and laptop computer tray down to the elevated footrests,

the spacious TJ cab makes you feel right at home while you work. A comfortable air-ride seat and armrest control console swivels 20 degrees to the right, 13 degrees to the left and glides eight inches forward or back to fit you perfectly.

Optional features like a training seat and advanced Performance Monitor allow you to build a cab that matches your needs. Choose the deluxe cab and you'll be rewarded with luxury features like a heated seat and extra windshield wipers.

Put the extreme power, productivity and comfort of a New Holland TJ 4WD tractor to work for you. Ask your New Holland dealer for a demonstration.



Vertical bank of electronic instrumentation provides easy-to-view information.

Specifications

	TJ275	TJ325	TJ375
Engine model	CDC 6TAA-8304	CDC 6TAA-9004	Cummins QSX 15
Engine aspiration	Turbocharged and charge air cooled
Engine horsepower @ 2000 rpm	275 hp (207 kW)	325 hp (242 kW)	375 hp (280 kW)
Engine displacement	505 cu. in. (8.3 L)	543 cu. in. (9.0 L)	915 cu. in. (15.0 L)
Engine torque rise	40%	35%	40%
Fuel tank capacity	200 gal. (758 L)	200 gal. (758 L)	300 gal. (1136 L)
Powershift transmission	16 x 2 Powershift	16 x 2 Powershift	16 x 2 Powershift
Mechanical transmission	24 x 6 Hi-Low Synchromesh	24 x 6 Hi-Low Synchromesh	24 x 6 Hi-Low Synchromesh
Standard hydraulic pump capacity	40 gpm (151.4 lpm)	40 gpm (151.4 lpm)	40 gpm (151.4 lpm)
Optional MegaFlow™ pump capacity	75 gpm (284 lpm)	90 gpm (340 lpm)	90 gpm (340 lpm)
3-point lift capacity @ 24 in. (610 mm)	14,500 lbs. (6577 kg)	14,500 lbs. (6577 kg)	19,500 lbs. (8845 kg)



67 square feet of tinted glass provides a panoramic view to front, side and back to put you in complete control.

NEW HOLLAND TJ440

TJ375HD	TJ375 Scraper	TJ440	TJ440 Scraper
Cummins QSX 15	Cummins QSX 15	Cummins QSX 15	Cummins QSX 15
.....Turbocharged and charge air cooled.....			
375 hp (280 kW)	375 hp (280 kW)	440 hp (328 kW)	440 hp (328 kW)
915 cu. in. (15.0 L)	915 cu. in. (15.0 L)	915 cu. in. (15.0 L)	915 cu. in. (15.0 L)
40%	40%	43%	43%
300 gal. (1136 L)	300 gal. (1136 L)	300 gal. (1136 L)	300 gal. (1136 L)
16 x 2 Powershift	16 x 2 Powershift	16 x 2 Powershift	16 x 2 Powershift
24 x 6 Hi-Low Synchromesh	NA	NA	NA
40 gpm (151.4 lpm)	55 gpm (208 lpm)	40 gpm (151.4 lpm)	55 gpm (208 lpm)
90 gpm (340 lpm)	90 gpm (340 lpm)	90 gpm (340 lpm)	90 gpm (340 lpm)
19,500 lbs. (8845 kg)	19,500 lbs. (8845 kg)	19,500 lbs. (8845 kg)	19,500 lbs. (8845 kg)

Solutions for a changing world

At New Holland, we believe there's a solution to every challenge and an opportunity at every turn.



As the world of agriculture changes, we're developing innovative equipment and service solutions that will keep you productive and in step with your marketplace.

Want to keep pace? Start with a friendly, familiar face — your New Holland dealer. By providing you with the right equipment and supporting you with outstanding after-the-sale service and parts support, your New Holland dealer will help you make the best choices for productivity and profitability.

Your New Holland dealer will also assist you with attractive finance, lease and insurance plans available through New Holland Credit. These customer-

tailored plans are designed to maximize your cash flow, preserve your working capital and help you own or lease the equipment you need to



work your best. Talk to your dealer about the complete selection of New Holland Credit programs, including the parts and



service purchasing convenience afforded by the New Holland Plan.

It's a changing, challenging world. New Holland and your New Holland dealer will be there with the solutions you need. Visit your New Holland dealer today.



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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.

