

1 Series

1023E and 1025R Sub-Compact Utility Tractors



The 1 for
landscaping





THIS IS THE 1

The easy 1. The affordable 1. The versatile 1.

See how 1 Series Sub-Compact Utility Tractors are the perfect 1 for you. There are two models in the 1 Series lineup. Choose from:

> 1023E

This is our most affordable 1. You'll get **21.5 hp (16 kW)** to tackle just about any task. And this 1 is as easy as anything to change attachments on and use. Get all the details on [page 4](#).

> 1025R

The 1 for snow. The easy 1. This 1 has **23.9 hp (17.8 kW)** of muscle and premium options ([see page 5](#)). Including the factory-installed heated 1R Cab. You can get into that on [page 2](#).

1 Series Tractors are meticulously designed right down to the tiniest nut and bolt to do just about anything that needs doing. No detail is too small. You get a landscaper, snow mover, and a finish mower—all in 1. Not to mention a garden hand, seeder, and fence-builder.

See [page 2](#) for several ways this 1 is easy-to-own, use and just get things done with. Then on [page 7](#), see how to click in PTO driven implements to the back of your tractor. In every attachment you change, you'll see fine-tuned engineering. Learn more now.

US: [JohnDeere.com/1Series](https://www.johndeere.com/1Series)

CA: [JohnDeere.ca/1Series](https://www.johndeere.ca/1Series)



1 GREAT ATTACHMENT AFTER ANOTHER

THE 1 WITH THE OPTIONAL FACTORY-INSTALL HEATED CAB*

This 1 is perfect for salting park paths to prep for sleet and ice, moving materials out of the elements and into secured areas, or transporting loads of firewood.

The cab is factory-installed for quality and comfort. Outside noise is muted while the Roll Over Protection System (ROPS) is certified for safety and the exterior mirrors offer great visibility.

The glass doors are removable and the front and rear windows open nearly 90-degrees to cool things down. Other options include a sun shade, stereo kit, rotary broom and window washer system.

*1R only.



READY. SET. MOW.

With the John Deere Mid-Mount Drive Over AutoConnect™ Mower Deck, drive over the deck ramps, listen for two clicks as the deck and PTO attach, lock the gauge wheels and you're ready to mow.

THE MECHANICAL SELF-LEVELING (MSL) LOADER OPTION¹

This easy-to-use loader option starts level and stays level from start to finish. The 20% greater lift capacity measured at 19.7-in (500 mm) ahead of the pivot when compared to our non self-leveling (NSL) loaders is well grounded too. Available on 120R Quik-Park™ Loaders.

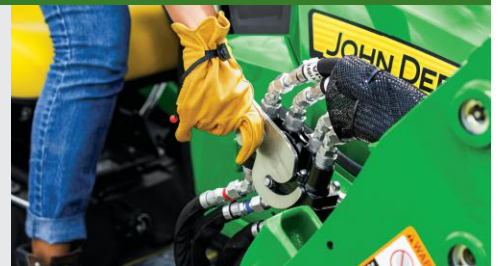


THE LOADER BACKHOE OPTION

This is the 1 to dig in with. This loader backhoe option features the 260B Backhoe. You'll get a curved boom design for great utility and strength. Complete with heavy-duty cylinders and hydraulic stabilizers for long wear life and great performance. And, with additional options like a ripper or trenching bucket, your loader and backhoe can do even more.

THE SINGLE POINT HYDRAULIC CONNECTOR

Connect the front hydraulics of your sub-compact tractor to your Quik-Park™ Loader with the pull of a lever. That's easy.



Get to know the 1. See which model is right for you. Read on.

¹ Lift capacity values have been verified according to a testing process standard set by the American Society of Agricultural and Biological Engineers (ASABE). The increase is measured at the point where the loader is 19.7 in (500 mm) ahead of the pivot. The increase in 120R Lift Capacity was measured at 24%. Results may vary based on testing criteria and usage.

The 1023E

THIS IS THE AFFORDABLE 1.
THE EASY 1. THE 1 FOR MOWING
OR CLEARING BRUSH.

**6-YEAR
2,000 HOUR
LIMITED
POWERTRAIN
WARRANTY²**



The John Deere 1023E Sub-Compact Utility Tractor is 1 incredible value. The generous wheelbase offers solid stability. The 21.5 HP² (16 kW) provides plenty of muscle and torque, is great for mowing, and so much more. The optional rugged stamped-steel deck includes a reliable, dial-type, 1-in (2.54 cm) to 4-in (10.16 cm) height-of-cut control as well as an integrated independent lift. But that's just for starters.



JOHN DEERE

EQUIPMENT MOBILE APP

Allows you to manage, maintain, and keep your equipment running. Prepare your equipment for work, access key information from the Operator's Manual, and find the parts you need. Proactively track when routine maintenance needs to be done with factory maintenance plans.

Download at the App Store or Google Play.

² All Compact Utility Tractors purchased new from an authorized John Deere dealer come standard with a 6 year/2000 hour (whichever comes first) Powertrain warranty. See Limited Warranty for new John Deere Turf & Utility Equipment at dealer for details. ²The Engine horsepower and torque information for non-Deere engines are provided by the engine manufacturer to be used for comparison purposes only. Actual operating horsepower and torque will be less. Refer to the engine manufacturer's website for additional information.



THE MOWER DECK HEIGHT-ADJUSTMENT DIAL

lets you easily adjust mowing heights from 1 to 4 inches in half inch increments. It is spring-loaded to lock the height position in place.



THE 120E LOADER is our most affordable loader option and is non-self-leveling (NSL). The lift capacity is 519 lb. (236 kg) measured at 500 mm ahead of pivot³ with a max lift height of 71.2 in (1809 mm).

HELP YOURSELF

Our full list of implements and attachments would rival the longest to-do list. Let **TipsNotebook.com** show you how to use them.

THE 1 WITH A GREAT SEAT

You'll get a big, adjustable seat, and an easy-to-use, two pedal, forward/reverse Twin Touch™ hydrostatic transmission, as well as color-coded controls for easy identification. Now, that's comfortable and easy.



What else is easy? The easy to connect attachments. Start with the midmount, driveover AutoConnect™ mower deck. The deck can be attached or detached in less than five minutes. And there's more.

The Quik-Park™ R-Series Loaders go on and come off in a pinch, and the iMatch™ Quick Hitch System makes switching out attachments at the back of your tractor a snap. Add the Load-N-Go attachment and storing and maintaining your mower deck just got easier too. The fact is the 1 is what easy attachability is all about.

Then there's the power steering for control, 4-wheel drive to negotiate all kinds of off road conditions and a standard differential lock with on-the-go engagement for superior traction in uneven or muddy terrain. All standard. Make this 1 yours.

EVERY 1 COMES WITH

Easy on and off. The step-through flat platform and fender-mounted handrails see to that.

The Twin Touch™ transmission two pedal system features separate pedals for forward and reverse.

The brake pedal is on the left side of the steering mount, while the forward and reverse pedals are to right. Separate and easy.

The steering cylinder on this 1 is mounted behind the front axle to prevent possible damage.

The two-speed transmission lever is located next to the left-hand fender, conveniently within reach.

The spur-gear final drive and wet disk brakes for durability and positive stopping power.

The standard, wide 26-inch (66 cm) tires provide exceptional stability on all types of terrain.

The tough polycarbonate hood resists scratches and dents sheet metal hoods tend to collect.

The easy-lift dual gas-charged lift struts are standard equipment on the hood for easy access and maintenance.

The 1R

THE 1 YOU TOLD US ABOUT

**6-YEAR
2,000 HOUR
LIMITED
POWERTRAIN
WARRANTY²**

We asked sub-compact utility tractor owners during development, “what would the best small tractor look like to you?” The answer? This 1, the 1025R. The 1025R has a 23.9 HP² (17.8 kW), three-cylinder diesel engine that delivers responsive, efficient horsepower in just about any application. Everything from clearing a sidewalk or a driveway of snow to mowing an acre of lawn to digging out a water feature or drainage ditch.



JOHN DEERE

EQUIPMENT MOBILE APP

Allows you to manage, maintain, and keep your equipment running. Prepare your equipment for work, access key information from the Operator's Manual, and find the parts you need. Proactively track when routine maintenance needs to be done with factory maintenance plans.

Download at the App Store or Google Play.

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THE 57.1-IN (1,450 MM) LONG WHEELBASE offers exceptional stability and confidence on uneven terrain.



THE CONTROLS are located at hand next to the fenders and color-coded for easy identification



THE OPTIONAL, FACTORY-INSTALLED, HEATED CAB is perfect to keep warm and comfortable when clearing snow.

HELP YOURSELF

Our full list of implements and attachments would rival the longest to-do list. Let **TipsNotebook.com** show you how to use them.

THIS 1 IS COMFORTABLE AND EASY

The Twin Touch™ pedal controls and hydrostatic transmission offer precise speed control with smooth directional changes. Plus, four-wheel drive (4WD) and the differential lock system for extra traction in mud and power steering are standard. All together, they give the 1025R excellent maneuverability in all types of conditions and make operation easy and the ride smooth.



But that's just for starters. The adjustable, deluxe suspension seat with arm rests and tilt steering wheel helps fit all sizes for exceptional comfort during long hours at work. While the handy tool box is perfect to stow essentials and the deluxe lighting kit stretches out a day a little further at need. Make this 1 yours. It's the 1 you told us about.

LOOK WHAT ELSE YOU GET WITH THIS 1

Cruise control is standard. To maintain a constant speed with the pull of a lever. Disengage by stepping on the brake.

Two front-mounted sealed-beam headlights for working early or late. There's also two additional fender lights to widen your sight lines.

Tilt steering lets you keep your arms in a natural position to reduce fatigue and helps fit all body types.

The floor mat reduces vibrations to the bare minimum and is easy to clean off.

The toolbox puts common tools within quick reach.

The standard 12-volt outlet is convenient to charge electronics.

Position Control Hitch lowers the implement to the same position every time—easy.

The Optional Third Function Hydraulic Valve up front allows additional functionality on implements. From angling blades to grabbing with grapples.

THE 1 TO GET MORE DONE.

Start with implements. From backhoes to wheel rakes to snow blowers and mower decks, John Deere and Frontier commercial-grade implements do it all. Many, many, many implements are ready and waiting.

Add attachments. Whether it's enhanced productivity, stability, visibility, or hours in the field, these attachments will help you get the most out of your 1 Series Tractor.

Implements

Loaders

Pallet forks, grapple and bucket available.

The 120R loader. Mechanical Self-Leveling (MSL) loader lift capacity is 680 lb. (309 kg).¹ Max lift height is 72 in. (1828 mm). Integrated Quik-Park™ mounting system included. Non-Self-Leveling (NSL) loader available.

The 120E loader. Lift capacity is 519 lb. (236 kg) measured at 500 mm ahead of pivot.³ Max lift height is 71.2 in. (1809 mm). NSL only.



Drive-Over AutoConnect™ Mid-Mount Mower Deck

Cuts grass down to size and is easy to attach. Really easy.

Rear Box Blade (3 Point)

To level out soil, rip up dirt and backfill areas. 3 Point Rear Blade also available.

Rotary Cutter

Cut heavy grass, thick brush and weeds down to size. 1R only.

Standard-Duty Tiller

Heavy-duty tines dig in to prepare gardens and loosen even the most packed-down soil.

Backhoe

Provides precise control and extra torque when backfilling, with superior visibility to the trench and powerful digging force.

Post Hole Digger & Augers

Bore holes from 6-in (15.2 cm) to 12-in (30.5 cm) in diameter.

Front Blade

Clear snow and move dirt or gravel. Angle right or left to make the job easier. Snow pushes also available.

Disk Harrow (3 Point)

Prepare seed beds for planting. Dig in and break up compacted soil.

Spin Spreader

Seed a new lawn or overseed to re-establish and restore bare spots on your existing lawn.

Land Plane

The perfect tool for leveling gravel and dirt to a fine finish.

Rear Mount Grooming Mower

For a well-manicured lawn.

Frontier One-Row Cultivator

Control weeds more easily. Adjustable row widths make this tool valuable for both gardeners and small farmers.

Core Aerator

Keep grass roots healthy. Allows oxygen in the ground and opens the soil to accept fertilizer.

Attachments

Ballast Box and optional extensions

Enhance loader performance in all conditions with correct ballasting with this heavy-duty box.

John Deere Quik-Knect™

Click in PTO driven implements (115 PTO HP or less) to the back of your tractor the easy way without scraping your knuckles or getting your fingers pinched.



Tire Chains

For better traction in snow, ice and tough conditions.

Hood Guard

Protect your hood from limbs and brush. Because your hood stands between the harsh, off-road world and your engine.

Single Point Hydraulic Connector

Attach 120R front loader hydraulics with a pull of a lever.

¹ Lift capacity values have been verified according to a testing process standard set by the American Society of Agricultural and Biological Engineers (ASABE). The lift value is measured at the point where the loader is 19.7 in (500 mm) ahead of the pivot. The increase in 120R Lift Capacity was measured at 24%. Results may vary based on testing criteria and usage.

³ Lift values based on 120E loader. For a complete list of loader specifications see your dealer.



iMatch™ Quick-Hitch

Connect attachments and implements the easy way.

Additional Selective Control Valves

Provide additional hydraulic outlets in the front, in the middle and at the back of your tractor to allow for multiple functions on various implements.

Power Beyond Kits

For the extra power to run backhoes and wood chippers.

Forward Lighting Kit, Auxiliary Rear Work Light Kit and LED Light Kit

Enjoy increased visibility when working in low-light conditions. Lights mount to brush guards located on the ROPS. Available for open operator station models and IR Cab models

Lighting Brush Guard Kits (Two Guards)

Available for warning lights, work lights and LED lighting options.

iMatch™ Bushing Kit(s)

The fast and easy way to make your implements John Deere iMatch Quick-Hitch compatible.

Engine Coolant And Transmission Oil Heaters

For cold weather operation, be ready with these kits to warm your machine.

Canopies

Beat the sun and inclement weather. Canopy is installed to the ROPS. Available in metal and ABS plastic.



Load-N-Go™ System

Don't strain your back. Stow your mower deck safely, quickly and easily. And set it out again, no problem. The new Load-N-Go™ attaches to your mower deck in minutes.

Mirror Kits

For greater visibility of what's behind you while focusing on what's ahead.

Quik-Tatch Weights, 42 lb (19.1 kg)

Add some extra weight to the front of the machine easily and securely with Quik-Tatch weights.

50 lb (23 kg) and 70 lb (32.7 kg)

Rear Wheel Weights

Weight for ballast to improve performance and safety.

20-Bushel Material Collection System

Collect grass clippings for a clean look and dump into a mulch pile with the pull of a lever right from your seat.

Front Weight Bracket

For additional stability and safety.

Maintenance Parts

Filter Pak

The key to do it yourself maintenance when it comes to changing your tractor filters.

Plus-50™ II Oil

The only engine oil you really ever need on the farm, in the field, or on the

highway. Gas or diesel engine. Yes, it's that good.

Stereo

AM/FM, Weatherband, Satellite, tablet or smart phone-ready. Play it again, Sam.

IR Cab Only

Battery

John Deere StrongBox™ Batteries and high performance batteries are a versatile, reliable solution. Economy options available.

Windshield Wiper Kit

Keep the rain and snow from getting in the way of your vision of what's around you. **IR Cab Only**

Beacon Light Kit

Increase your tractor's visibility to traffic or other vehicles. **IR Cab Only**

Large Seat Cover

By protecting your seat, many comfortable years are sure to follow.

Tractor Cover

Protect your tractor from the elements.

Rear License Plate Kit

An important part to being street legal.

3-Point Hitch Tractor Receiver Hitch

Something to hitch your wagon to. Magnetic hitch pin sold separately.

HELP YOURSELF

The full list of our implements and attachments would rival the longest to-do list. Let **TipsNotebook.com** show you how to use them.

For the full list, visit **JohnDeere.com**, **JohnDeere.ca** or talk to your **John Deere Dealer** today.

The Augusta Georgia Factory

All I Series Tractors are **designed, assembled, tested and distributed** out of Augusta Georgia using foreign and domestic parts. These tractors are built to last. Learn more about how we run at JohnDeere.com/ISeries or JohnDeere.ca/ISeries.



6-YEAR / 2,000 HOUR LIMITED POWERTRAIN WARRANTY

We're backing these tractors with a reliable 6-Year Powertrain Warranty.² It's standard, comes at no cost, and covers both residential AND commercial use. It's just one more reason why—Nothing Runs Like a Deere.™

² All Compact Utility Tractors purchased new from an authorized John Deere Dealer come standard with a 6 year/2000 hour (whichever comes first) Powertrain Warranty. See the Limited Warranty for New John Deere Turf & Utility Equipment at dealer for details.

	1023E	1025R
ENGINE		
Type	Yanmar 3TNM74F-CJT	Yanmar 3TNV80F-CJT
Engine HP (kW) - gross	21.5 (16)	23.9 (17.8)
PTO HP (kW) - Hydrostatic transmission	14.9 (11.1)	17.2 (12.8)
Rated engine speed, rpm	3,200	3,200
Displacement	60.6 cu. in. (993 cc)	77.3 cu. in. (1,267 cc)
Battery power	500 CCA	500 CCA
Alternator (12 volt, amp)	40	40
HYDRAULICS		
Steering g/m (l/m)	3.5 (13.2)	3.5 (13.2)
Implement g/m (l/m)	3.5 (13.2)	3.5 (13.2)
Total Capacity g/m (l/m)	7 (26.4)	7 (26.4)
Lift Capacity (24-in. behind link arms), lb. (kg)	758.4 (344) ³	758.4 (344) ⁶
Pump Type	Gear	Gear
TRANSMISSION		
Std. Transmission; Forward/Reverse	Hydrostatic - 2 range	Hydrostatic - 2 range
Forward/Reverse Control	Twin Touch Pedals	Twin Touch Pedals
Final Drive	Spur gear	Spur gear
Brakes	Wet disk, left-hand pedal	Wet disk, left-hand pedal
POWER TAKE-OFF (PTO)		
PTO type	Independent	Independent
Standard Rear/Mid (RPM)	Rear @ 540; Mid @ 2,100	Rear @ 540; Mid @ 2,100
3-POINT HITCH		
Type	Limited Cat. 1	Limited Cat. 1
iMatch Quick-Hitch Compatibility	Yes	Yes
Rockshaft Control Type	Select Control	Position Control
DIMENSIONS		
Wheelbase, in. (mm)	57.1 (1,450)	57.1 (1,450)
Outside width rear tires, in. (mm)	R3 - 47.22 (1,200); R4 - 47.32 (1,202)	R3 - 47.22 (1,200); R4 - 47.32 (1,202)
Approx. Ship Weight, . lb (kg)	R4 - 1433 (650)	Open Station R4 - 1557 (706); Cab R4 - 1997 (906)
TIRES		
Standard R4, optional R3		
Front	18X8.5-10 R4	18X8.5-10 R4
Rear	26X12-12 R4	26X12-12 R4
OPERATOR STATION		
ROPS	Folding	Folding
Optional Cab	No	Yes
Deluxe Lighting Package	No	Yes
Deluxe Seat, Tilt Steering, & Floor Mat	No	Yes
Toolbox	No	Yes
12V Outlet	No	Yes
Cruise Control	No	Yes

³ Lift values based on D120 loader. For a complete list of loader specifications see your dealer.



POWERGARD™ PROTECTION PLANS⁴

Protect your I Series Tractor with a PowerGuard Protection Plan. It provides parts and labor coverage up to five years beyond your manufacturer's warranty. And if you sell your machine before coverage term ends, the remaining coverage is fully transferable to the next owner—adding value to resale or trade-in.

Residential (U.S.)

Offers same coverage as factory warranty; \$0 deductible and no out of pocket costs on covered repairs; transportation for repairs covered by factory warranty or extended repair protection.

Agriculture Equipment (Canada)

Offers same bumper-to-bumper coverage as factory warranty (excludes some specific items); excludes high-wear/maintenance type of parts/components; subject to a low (or no) deductible.

⁴ Certain limitations and exclusions may apply. For complete terms and conditions, please refer to www.johndeere.com/pppr or www.johndeere.ca/pppr.

John Deere Financing

In the world of loader work, digging trenches, clearing ground, leveling driveways, putting in fences, sweeping sidewalks and caring for livestock and crops, you can count on John Deere Financial. Just like John Deere Tractors, our roots run deep in some of the healthiest, high producing fields and farms in the world and we're proud of the long-standing relationships we have with small farmers and large farming operations alike.

The lay of the land of commercial landscapers, sports turf complexes, golf courses, municipalities and federal governments are no strangers to us either. Let's dig in. Put the strength and flexibility of John Deere Financing behind your purchase. We know the landscape you work in and we're committed to helping you get what you need. You can bank on it.

US: JohnDeere.com/ISeries

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