### 5 Series

45 - 101 Horsepower Utility Tractors









# The quality you expect. The price you don't.

If there's a new utility tractor in your future, do yourself a favor. Dare to compare the John Deere 5D, 5E, and 5E Limited Series Utility Tractors to all the rest. One test drive and you'll see the 5 Series Tractors have the comfort and convenience features to keep you smiling during even the longest days; the engine power and hydraulic capacity to take on hard-to-handle chores; and the quality of engineering, assembly, and components you expect from John Deere.

Best of all, there are nine total models to choose from, each available at a surprisingly appealing price. Read on to learn more about the 5 Series, then stop by your John Deere dealer for a demonstration.





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#### The 5 Series

Model	Engine HP	PTO HP
5045D	45	37
5055D	55	45
5045E	45	37
5055E	55	45
5065E	65	53
5075E	75	61
5083E Limited	83	69
5093E Limited	93	79
5101E Limited	101	86

#### The 5D Series: Simply perfect for property owners and part-time producers

For proof that John Deere quality, performance, and reliability don't have to come at a premium price, take a look at the 5D Series Utility Tractors.

Perfect for property owners as well as small-acreage or part-time producers, the 5D Series Tractors are available in a 45- or 55-engine horsepower configuration, both with comfortable open operator stations (available in two-wheel drive only).

The standard 8F/4R transmission is partially synchronized for no-stop inline shuttle shifting between forward and reverse, and offers plenty of range for most medium-duty tasks. Meanwhile, the hydraulic system provides all the lifting power you need for basic work.

Attach any of the hundreds of rear implements with the standard rear three-point hitch and PTO, and you have the perfect utility tractor for your acreage or small farming operation.



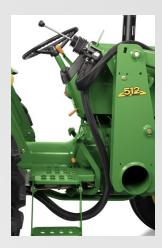
Lifting, loading, digging, cutting, blading, seeding ... the 5D Series Tractors, along with the hundreds of attachments and implements available from Frontier Equipment, can tackle all the basic chores, and maybe some you don't even know about yet. 5045D tractor shown with 512 Loader and Frontier RB2184 Rear Blade.

#### Fits like a well-worn glove









The comfortable open operator station features color-coded controls: orange controls (shifter and throttle) govern movement of the tractor; black indicates hydraulic controls (loader joystick, hydraulic remotes), while yellow indicates controls for the PTO and implements.



### Tackle any chore you can dream of





The rear hitch on the 5D Series tractors gives you a hefty 2,810 pounds of lift capacity, while the hydraulic system pumps an impressive 17.4 total gallons per minute. 5055D Tractor shown with 512 Loader (top); 5055D Tractor shown with 512 Loader and RC2084 Rotary Cutter from Frontier Equipment.

### The 5D Series: Utility meets economy

At the heart of each 5D Series tractor is a John Deere PowerTech™ turbocharged diesel engine. These efficient, reliable engines have proven themselves in countless applications and over thousands of acres, so you can work with confidence, weekend after weekend.

To put power to the ground, your 5D Series Tractor is available with a variety of tire options. Choose standard agricultural tires for high traction, turf tires for low-impact mowing or grooming, or industrial tread for highways or harder surfaces.

And because a utility tractor is only as good as what it can lift, load, pull, or power, we gave the 5D Series 2,810 pounds of rear hitch lift capacity, an independent 540 RPM PTO, and an 10.9 U.S. gallons-per-minute implement hydraulic pump. So whether you're talking front or rear implements and attachments, the 5D Series gives you more than enough capacity and power.



The 5D Series gives you the power and capacity you need for light hauling to medium-duty lifting and loading. 5045D Tractor shown with 512 Loader and RB2184 Rear Blade from Frontier Equipment.







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- 1. Let John Deere and Frontier Equipment help you chew through brush and downed limbs. Frontier wood chippers are available with dependable gravity feed (WC11 Series) or heavy-duty hydraulic feed (WC12 Series). 5055D Series Tractor shown with the Frontier WC1205 Wood Chipper.
- 2. Wildlife lovers will find plenty to love about Frontier food plot seeders, while the maneuverable 5D Series Tractors let you put plots in hard-to-access areas. 5055D Tractor shown with 512 Loader and Frontier FP1206 Food Plot Seeder.
- 3. With up to 2,453 pounds of front loader capacity, you can lift and stack just about any load. 5055D Tractor shown with 512 Loader and Frontier Pallet Fork and RA1108 Arena Rake.
- 4. Equine enthusiasts and arena owners, get a superior footing with Frontier Arena Rakes from Riata Rake. 5055D Tractor shown with Frontier RA1108 Arena Rake.

### The 5E Series: For when the going gets tougher

For producers or property owners who need just a little more tractor, the 5E Series offers the features and specifications you need to handle heavier-duty chores.

To start, the 5E Series tractors are available in four models ranging from 45 to 75 engine horsepower. While the 5045E and 5055E feature standard mechanical front-wheel drive (MFWD), the 5065E and 5075E are available in either 2WD or MFWD configuration. The standard foot-operated differential lock applies power equally to both rear wheels, letting you pull through tougher ground conditions, while standard hydraulic wet disc brakes provide sure-footed stopping power.

Hook up to any Category 1 or Category 2 three-point hitch-mounted implement or front attachments, and you have a versatile, reliable, and economical workhorse that's up to the challenge of nearly any job.



The 5E Series tractors are built to handle tougher jobs and higher-draft implements like land levelers and seeders. 5045E Tractor shown with optional canopy, 553 Loader, and Frontier LP1196 Land Plane.



#### Hard-working, easy-riding comfort

Climb onto any of the John Deere 5 Series Utility Tractors, and you'll immediately see the John Deere difference. Controls stay out of the way when they're not in use, but are always within a natural, easy reach. Instruments are there in plain sight, unobstructed and perfectly positioned for visibility.



The 5 Series Tractors have the hydraulic power you need to run a variety of attachments. Available mid-mount hydraulic remotes give you the flexibility to use mid-mount implements.



The one-piece tilting hood is standard on all 5 Series Tractors, and allows easy access to service items like the air filter, engine oil checks, and more. Ground-level fluid fills make regular maintenance a snap.

#### Powerfully versatile



Dig deep with the 48 or 485 Tractor-Mounted Backhoe, compatible with any of the 5E Series Tractors. The 48 and 485 Backhoes gives you over eight feet of digging depth, plus easy-on, easy-off mounting.



The SE Series – the perfect combination of size, power, and capacity. 5045E Tractor shown (left) with 553 Loader and Frontier RB2184 Rear Blade.

### The 5E Series: Four models to fit any job

Choose any of the four 5E Series Tractors, and you'll get the engine power, hydraulic capacity, and drive configuration you need to take on tougher jobs.

Power for the 5E Series comes from the proven PowerTech turbocharged diesel engines, running through our 9F/3R standard and SyncShuttle transmissions. Around back, the fully independent 540-RPM PTO gives you power for all your rotary and PTO-driven implements. Up to four available hydraulic remotes – 2 rear-mounted, 2 mid-mounted – provide the muscle for lifting heavier loads or powering hydraulic attachments. Finally, a full 3,192 pounds of hitch lift capacity lets you pick up and move those heavier disks and seeders.



With plenty of engine and hydraulic power, as well as your choice of 2WD and MFWD configurations, the 5E Series Tractors are perfect for tougher chores like heavier-duty grading, pasture seeding and renovation. 5055E Tractor and optional front weight bracket shown with Frontier CS1360 Conservation Seeder.



synchronized in-line shuttle shifting between 2nd and reverse in all three ranges – perfect for the frequent direction changes typical of loader work. The SyncShuttle gives you synchronized, no-stop shifting between all speeds.

\*ISO 97/68 EC.

#### The 5E Limited Series: More power. More comfort. More Deere.

If you need more power, more traction, and more comfort, then take a look at the 5E Limited Series Tractors.

The 5E Limited Series comes with features you'll appreciate, like four-wheel drive and a plush closed-cab operator station. The convenient left-hand PowrReverser™ transmission allows easy, no-clutch forward and reverse shuttle-shifting, making the 5E Limited Series perfect for dairies, municipalities, equine or beef operations, and larger-acreage property owners and hobby farms.

And for PTO-intensive operations like rotary cutting, the 5E Limited Series tractors offer an economy setting, which allows the PTO to turn at a full 540 RPM, even at lower engine speeds ... you save fuel while reducing noise and emissions levels.



From pulling to planting to cutting to baling ... with models available from 83 to 101 HP, the 5E Limited Series offers the highest levels of performance, capacity and comfort.



#### Work won't wait for good weather

Go ahead, shop around. You'll have a hard time finding this much cab on any other competitively-priced tractor. The adjustable suspended seat and tilt steering wheel let you find the perfect driving position, while the climate-control system keeps you comfortable year-round. The instrument panel gives you all the information, without overloading you with gauges. Plus, plenty of glass area gives you a clean view to the front, sides, and rear of the tractor.



Comfortable, yet functional. Easy to reach, but out of the way when it's not in use. The John Deere loader joystick gives you total control over your loader and front-mounted implements, including multi-function implements like root grapples.



The 5E Limited PTO features an economy mode, allowing the PTO to turn at full RPM at lower engine speeds. The optional 540/1000 kit lets you handle 540- and 1000-RPM implements.



With up to six total hydraulic remotes available (3 rear, 3 midmount), the 5E Limited Series tractors can handle your most hydraulic-hungry jobs.



With 12 forward and 12 reverse speeds, you can always find just the right gear to match the job. The 5E Limited Series features an integrated park position, so you always know you're in Park.



The standard PowrReverser™ tilts with the steering column, and allows quick, no-stop shuttle-shifting between forward and reverse ... perfect for loader-intensive chores.

## The best value in utility tractors: The 5E Limited Series

Take a look at the 5E Limited Series utility tractors, and you'll be amazed at what your tractor dollar can buy.

Start with the heart — the 4-cylinder wet-sleeve John Deere PowerTech turbocharged diesel engine. Add the 12F/12R PowrReverser™ transmission with electrohydraulic shuttle-shift capability. The wet clutch gives you oil-cooled, no-adjust reliability. Standard MFWD pulls you through mud, ruts, and slop ... all while you sit in enclosed, climate-controlled comfort.

At the rear, the telescoping draft links combined with 3,213 pounds of hitch lift capacity make it easy to attach and lift hitch-mounted implements. Meanwhile, the hydraulic system can pump up to 22.5 gallons per minute. With up to six available hydraulic remotes, you can attach just about any hydraulic implement.



Shop all you want, but you won't find a harder-working utility tractor for the money.

#### Stare down tough jobs and long days









From farm to worksite, in any condition and with any attachment you can imagine, the 5E Limited Series can do the job. Clockwise from top left: 5101E Limited with 563 Loader and Frontier DH3272 Offset Disk; 5101E Limited with 563 Loader and Frontier LP1196 Land Plane; 5101E Limited with 563 Loader and Frontier LP1196 Land Plane; 5101E Limited Tractor with 625 Mower-Conditioner.



	5083E Limited	5093E Limited	5101E Limited		
Engine	PowerTech 4045	PowerTech 4045	PowerTech 4045		
Cylinders	4	4	4		
Displacement, L	4.5	4.5	4.5		
Engine HP*	83	93	101		
PTO HP	69	79	86		
Rated engine speed (rpm)	2400	2400	2400		
Total hydraulic flow (gpm)	22.5	22.5	22.5		
Drive configuration	MFWD	MFWD	MFWD		

\*ISO 97/68 EC.

### Dig deeper with the Tractor-Mounted Backhoe

The 5E Limited Series is compatible with the 49 and 595 Tractor-Mounted Backhoes, giving you the tools you need for lighter-duty construction work or planting larger landscape plants.



### Frontier makes the perfect match

From posthole diggers to food plot seeders to rotary cutters to land levelers, John Deere and Frontier Equipment offer a wide variety of front and rear attachments designed specifically for tractors like the 5D, 5E, and 5E Limited Series. Your John Deere dealer is the exclusive source for the full line of Frontier implements and attachments.

See your John Deere dealer, or visit us online to find out more about our complete line of attachments, including:

Posthole diggers Grooming mowers Tedders Box blades Manure spreaders Wood chippers Wheel rakes Snowblowers Rotary tillers Overseeders Disc mowers Bale huggers Disk harrows Rear blades Rotary rakes Core aerators Bale spears Sickle bar mowers Pendular spreaders Food plot seeders Pulverizers Offset disks

Visit us online at www.BuyFrontier.com to get specs and availability information.



#### John Deere loaders: Built to fit.

John Deere built-to-fit front-end loaders increase your tractor's versatility. Move gravel, dirt, sand, square bales, manure, even potted plants. Plus, you can add any of dozens of Frontier loader attachments.





## Get a grip ... John Deere controls make loading easy

Our joystick grip gives you precise, easy loader control.

Loader	512 NSL*	553 NSL*	563 NSL <sup>*</sup>
Lift capacity at maximum height**	2,453 lb. (1115 kg)	3,133 lb. (1424 kg)	4,103 lb. (1861 kg)
Breakout force**	4,775 lbf. (21.2 kN)	5,378 lbf. (24.0 kN)	6,744 lbf. (30.0 kN)
Maximum lift height	114 in. (2895 mm)	122 in. (3094 mm)	131 in. (3337 mm)
Clearance with bucket dumped	85 in. (2172 mm)	94 in. (2396 mm)	96 in. (2430 mm)
Reach at max height	26 in. (667 mm)	35 in. (881 mm)	52 in. (1307 mm)
Reach at ground level	68 in. (1730 mm)	74 in. (1874 mm)	90 in. (2293 mm)
Digging depth	3 in. (84 mm)	4 in. (101 mm)	10 in. (264 mm)
Dump angle	57 degrees	41 degrees	70 degrees
Rollback angle	23 degrees	33 degrees	45 degrees

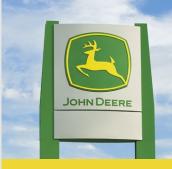
<sup>\*</sup>NSL is non self-leveling. \*\*Lift capacity and breakout force measured at pivot. NOTE: Specifications may vary based on the tractor used.



#### **Loader Compatibility**

	-	_	
Tractor Model	512	553	563
5045D	•	•	
5055D	•	•	
5045E		•	
5055E		•	
5065E	●*	•	
5075E	•*	•	
5083E Limited		•	•
5093E Limited		•	•
5101E Limited		•	•

<sup>\*</sup>Tractor configuration and options may affect loader compatibility.



No one cares more about you and your equipment.

When you need a part, service, or just some advice, count on your nearby John Deere dealership.

They maintain a complete inventory of genuine John Deere parts. And highly trained service technicians know equipment inside and out.

The most comprehensive, professional agricultural dealer organization in the world is just down the road: Your local John Deere dealership.

Tractor Series	5045D	5055D	5045E	5055E	5065E	5075E	5083E Limited	5093E Limited	5101E Limited
Engine HP (kW) @ Rated Speed*	45 (33.6) @ 2300	55 (40.0) @ 2300	45 (33.6) @ 2400	55 (40.0) @ 2400	65 (47.5) @ 2400	75 (55.0) @ 2400	83 (60.5) @ 2400	93 (68.0) @ 2400	101 (74.1) @ 2400
PTO HP (kW) @ Rated RPM	37 (27.3) @ 2200	45 (33.1) @ 2200	37 (27.3) @ 2400	45 (33.1) @ 2400	53 (39.0) @ 2400	61 (44.9) @ 2400	69 (51) @ 2400	79 (59) @ 2400	86 (64) @ 2400
Engine									
Make	John Deere PowerTech 3029	John Deere PowerTech 4045	John Deere PowerTech 4045	John Deere PowerTech 4045					
Aspiration	Turbocharged								
Cylinders	3	3	3	3	3	3	4	4	4
Displacement, cu. in. (liters)	179 (2.9)	179 (2.9)	179 (2.9)	179 (2.9)	179 (2.9)	179 (2.9)	276 (4.5)	276 (4.5)	276 (4.5)
Cylinder Liners	Wet Sleeved								
Transmission									
Standard	8F/4R	8F/4R	9F/3R SyncShuttle	9F/3R SyncShuttle	9F/3R	9F/3R	12F/12R PowrReverser	12F/12R PowrReverser	12F/12R PowrReverser
Optional					9F/3R SyncShuttle	9F/3R SyncShuttle			
Reverser	No	No	No	No	No	No	Yes	Yes	Yes
On-the-Go Shifting (Yes/No/Partial)	No	No	Partial	Partial	Partial	Partial)	Partial	Partial	Partial
Traction Clutch (Wet/Dry)	Dry	Dry	Dry	Dry	Dry	Dry	Wet	Wet	Wet
Creeper	No	No	No	No	No	No	Optional (dealer install)	Optional (dealer install)	Optional (dealer install)
Fuel System									
Fuel Tank	16.0 (60.0)	16.0 (60.0)	18.0 (68.0)	18.0 (68.0)	18.0 (68.0)	18.0 (68.0)	30 (113.6)	30 (113.6)	30 (113.6)
Power Take-Off (PTO)									
Standard	Independent 540	Independent 540/540E	Independent 540/540E	Independent 540/540E					
Optional							540/1,000 (Dealer Installed)	540/1,000 (Dealer Installed)	540/1,000 (Dealer Installed)
PTO Actuation	Mechanical								
Economy PTO	No	No	No	No	No	No	Yes	Yes	Yes
Hydraulics									
Type	Open Center								
Steering gpm (L/min)	6.5 (24.6)	6.5 (24.6)	6.8 (25.7)	6.8 (25.7)	6.8 (25.7)	6.8 (25.7)	6.6 (24.9)	6.6 (24.9)	6.6 (24.9)
Implement gpm(L/min)	10.9 (41.4)	10.9 (41.4)	11.4 (43.1)	11.4 (43.1)	11.4 (43.1)	11.4 (43.1)	15.9 (60.1)	15.9 (60.1)	15.9 (60.1)
Total	17.4 (66.0)	17.4 (66.0)	18.2 (68.8)	18.2 (68.8)	18.2 (68.8)	18.2 (68.8)	22.5 (85.1)	22.5 (85.1)	22.5 (85.1)
Rear SCVs									
Base	1	1	1	1	1	1	1	1	1
Optional	2	2	2	2	2	2	3	3	3
Mid SCVs									
Base	0	0	2	2	0	0	0	0	0
Optional	2	2	n/a	n/a	2	2	3	3	3
3-Point Hitch									
OECD Hitch Lift Cap @ 24" behind hitch balls lb. (kg)	2,810 (1275)	2,810 (1275)	3,192 (1,448)	3,192 (1,448)	3,192 (1,448)	3,192 (1,448)	3,213 (1,457)	3,213 (1,457)	3,213 (1,457)
Hitch Category	Category 2; convertible to 1								
Draft Sensing Type	Top Link								
Operator Station				•					
Туре	Open Station	Cab	Cab	Cab					

<sup>\*97/68</sup> EC gross engine horsepower.

Tractor Series	5045D	5055D	5045E	5055E	5065E	5075E	5083E Limited	5093E Limited	5101E Limited
2WD Dimensions									
Wheelbase, in. (mm)	76.8 (1,950)	76.8 (1,950)		===	80.7 (2,050)	80.7 (2,050)			
Overall length (minimum)	133.9 in.	133.9 in.			137.8 in.	137.8 in.			
Overall width, rear axle flange to flange	57.3 in.	57.3 in.			57.3 in.	57.3 in.			
MFWD Dimensions									
Wheelbase, in. (mm)			80.7 (2,050)	80.7 (2,050)	80.7 (2,050)	80.7 (2,050)	85.8 (2,178)	85.8 (2,178)	85.8 (2,178)
Overall length (minimum)*			137.8 in.	137.8 in.	137.8 in.	137.8 in.	147.6 in.	147.6 in.	147.6 in.
Overall width, rear axle flange to flange			57.3 in.	57.3 in.	57.3 in.	57.3 in.	64.6 іп.	64.6 in.	64.6 in.
Height from ground									
To top of hood	53.8 in.	66.9 in.	66.9 in.	66.9 in.					
To top of ROPS	93.9 in.	94.8 in.	93.9 in.	94.8 in.	96.8 in.	96.8 in.			
To top of folded ROPS	75.7 in.	76.6 in.	75.7 in.	76.6 in.	78.5 in.	78.5 in.			
To top of Cab							99.7 in.	99.7 in.	101.5 in.
Front Axle Clearance, in. (mm), 2WD	18.8 (480)	18.8 (480)		===	18.8 (480)	18.8 (480)	===		
Front Axle Clearance, in. (mm), MFWD			13.4 (340)	13.4 (340)	13.4 (340)	13.4 (340)	15.2 (386)	15.2 (386)	15.2 (386)
Standard Tires – 2WD									
Front	7.5 - 16; F2	7.5 - 16; F2			7.5 - 16; F2	7.5 - 16; F2			
Rear	13.6 - 28; R1	14.9 - 28; R1			16.9 - 28; R1	16.8 - 28; R1			
Standard Tires – MFWD									
Front			9.5 - 24; R1	11.2 - 24; R1	11.2 - 24; R1	12.4 - 24; R1			
Rear			13.6 - 28; R1	14.9 - 28; R1	16.9 - 28; R1	16.9 - 28; R1	16.9 - 30; R1	16.9 - 30; R1	18.4 - 30; R1
Weight									
Approx Ship Weight, lb (kg), 2WD	4,189 (1,900)	4,189 (1,900)			4,634 (2,102)	4,634 (2,102)			
Approx Ship Weight, lb (kg), MFWD			5,070 (2,300)	5,070 (2,300)	5,070 (2,300)	5,070 (2,300)	7,385 (3,350)	7,385 (3,350)	7,385 (3,350)
Turn Radius**									
With brakes	9.6 ft.	9.6 ft.	10.6 ft.	10.6 ft.	10.6 ft.	10.6 ft.	11.6 ft.	11.6 ft.	11.6 ft.
Without brakes	10.9 ft.	10.9 ft.	11.6 ft.	11.6 ft.	11.6 ft.	11.6 ft.	14.3 ft.	14.3 ft.	14.3 ft.

<sup>\*</sup>Front weight support extends past the front wheels. \*\*With 4-wheel drive disengaged, where applicable.



#### Get peace of mind with PowerGard

Protect your investment and increase your confidence in purchasing a high-quality John Deere tractor through John Deere PowerGard™ Programs.

The PowerGard™ Maintenance Program is an effective, preventative maintenance program designed to make sure your

tractor operates at peak performance, offers exceptional reliability and maintains top residual value.

PowerGard™ Protection allows you to purchase extended engine and power train warranty coverage for up to an additional 3 years or 3,000 hours over the normal warranty period. PowerGard™ Protection provides broad coverage, flexible options and low deductibles. See your dealer for details, or go online to www.powergard.com.



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