

Utility Tractors 5E & 4M Heavy Duty Series / 50-100EHP

	5050E	5060E	5067E	5075E
ENGINE TYPE	JD PowerTech™ 3029 EWR	JD PowerTech™ 3029 EWR	JD PowerTech™ 3029 EWR	JD PowerTech™ 3029 EWR
ENGINE HP / PTO HP	*50.0EHP/37.0HP	*60.0EHP/42.9HP	*67.6EHP/49.0HP	*75.0EHP/57.6HP
FUEL CAPACITY	19.0 U.S. gal.	19.0 / 21.0 U.S. gal.	19.0 / 21.0 U.S. gal.	19.0 / 21.0 U.S. gal.
HYDRAULIC CAPACITY	18.2 g/m	18.2 g/m	18.2 g/m	18.2 g/m
DRIVE TRAIN	2WD / 4WD	2WD / 4WD	2WD / 4WD	2WD / 4WD
TRANSMISSION	9F-3R SyncShuttle™	9F-3R SyncShuttle™ / 12F-12R PowrReverser™	9F-3R SyncShuttle™ / 12F-12R PowrReverser™	9F-3R SyncShuttle™ / 12F-12R PowrReverser™
BRAKES	Hydraulic Wet Disc	Hydraulic Wet Disc	Hydraulic Wet Disc	Hydraulic Wet Disc
FRONT/REAR TIRES 4WD	9.5-24/14.9-28	11.2-24/16.9-28	11.2-24/16.9-28	11.2-24/16.9-28
3-POINT LIFT CAPACITY	3,192 lb (24" Behind)	3,192 lb (24" Behind)	3,192 lb (24" Behind)	3,192 lb (24" Behind)
3-POINT LIFT TYPE	Category 2 or 1	Category 2 or 1	Category 2 or 1	Category 2 or 1
РТО ТҮРЕ	Mechanical	Mechanical / Electrohyd	Mechanical / Electrohyd	Mechanical / Electrohyd
APPROX SHIP WEIGHT	5,335 / 5,809 / lb [†]	5,445 / 5,919 / 6,702 lb [†]	5,555 / 6,029 / 6,812 lb [†]	5,555 / 6,029 / 6,812 lb [†]
LENGTH/WIDTH/HEIGHT	143.3 in./72.0 in./96.7 in.	143.3 in./72.0 in./99.5 in.	143.3 in./72.0 in./99.5 in.	143.3 in./72.0 in./99.5 in.
WARRANTY	**10-Year/1,000-Hour	**10-Year/1,000-Hour	**10-Year/1,000-Hour	**10-Year/1,000-Hour
FRONT LOADER	500E / 520M Optional	500E / 520M Optional	500E / 520M Optional	500E / 520M Optional
LDR LIFT HEIGHT/CAP	Up to 132.0 in./3,523 lb	Up to 132.0 in./3,523 lb	Up to 132.0 in./3,523 lb	Up to 132.0 in./3,523 lb
LDR LIFT HEIGHT/CAP	Up to 132.0 in./3,523 lb 5090E	Up to 132.0 in./3,523 lb 5090EL	Up to 132.0 in./3,523 lb 5100E	Up to 132.0 in./3,523 lb 4052M/66M HD
LDR LIFT HEIGHT/CAP				
	5090E	5090EL	5100E	4052M/66M HD
ENGINE TYPE	5090E JD PowerTech™ 4045 PWL	5090EL JD PowerTech™ 4045 PWL	5100E JD PowerTech™ 4045 PWL	4052M/66M HD Yanmar Liq-Cooled Diesel
ENGINE TYPE ENGINE HP / PTO HP	5090E JD PowerTech™ 4045 PWL *90.0EHP/75.0HP	5090EL JD PowerTech™ 4045 PWL *90.0EHP/75.0HP	5100E JD PowerTech™ 4045 PWL *100.0EHP/85.0HP	4052M/66M HD Yanmar Liq-Cooled Diesel *51.5EHP/40.9HP65.9EHP/51.9HP
ENGINE TYPE ENGINE HP / PTO HP FUEL CAPACITY	5090E JD PowerTech™ 4045 PWL *90.0EHP/75.0HP 25.0 / 30.0 U.S. gal.	5090EL JD PowerTech™ 4045 PWL *90.0EHP/75.0HP 29.7 U.S. gal.	5100E JD PowerTech™ 4045 PWL *100.0EHP/85.0HP 25.0 / 30.0 U.S. gal.	4052M/66M HD Yanmar Liq-Cooled Diesel *51.5EHP/40.9HP65.9EHP/51.9HP 15.0 U.S. gal.
ENGINE TYPE ENGINE HP / PTO HP FUEL CAPACITY HYDRAULIC CAPACITY	5090E JD PowerTech™ 4045 PWL *90.0EHP/75.0HP 25.0 / 30.0 U.S. gal. 22.5 g/m 4WD 12F-12R Reverser /	5090EL JD PowerTech™ 4045 PWL *90.0EHP/75.0HP 29.7 U.S. gal. 22.5 g/m 4WD 12F-12R Reverser /	5100E JD PowerTech™ 4045 PWL *100.0EHP/85.0HP 25.0 / 30.0 U.S. gal. 22.5 g/m 4WD 12F-12R Reverser /	4052M/66M HD Yanmar Liq-Cooled Diesel *51.5EHP/40.9HP65.9EHP/51.9HP 15.0 U.S. gal. 17.4 g/m
ENGINE TYPE ENGINE HP / PTO HP FUEL CAPACITY HYDRAULIC CAPACITY DRIVE TRAIN	5090E JD PowerTech™ 4045 PWL *90.0EHP/75.0HP 25.0 / 30.0 U.S. gal. 22.5 g/m 4WD 12F-12R Reverser / 4WD 24F-12R Reverser	5090EL JD PowerTech™ 4045 PWL *90.0EHP/75.0HP 29.7 U.S. gal. 22.5 g/m 4WD 12F-12R Reverser / 4WD 24F-12R Reverser	5100E JD PowerTech™ 4045 PWL *100.0EHP/85.0HP 25.0 / 30.0 U.S. gal. 22.5 g/m 4WD 12F-12R Reverser / 4WD 24F-12R Reverser	4052M/66M HD Yanmar Liq-Cooled Diesel *51.5EHP/40.9HP65.9EHP/51.9HP 15.0 U.S. gal. 17.4 g/m 4WD 3-Range eHydro™
ENGINE TYPE ENGINE HP / PTO HP FUEL CAPACITY HYDRAULIC CAPACITY DRIVE TRAIN BRAKES	JD PowerTech™ 4045 PWL *90.0EHP/75.0HP 25.0 / 30.0 U.S. gal. 22.5 g/m 4WD 12F-12R Reverser / 4WD 24F-12R Reverser Hydraulic Wet Disc	5090EL JD PowerTech™ 4045 PWL *90.0EHP/75.0HP 29.7 U.S. gal. 22.5 g/m 4WD 12F-12R Reverser / 4WD 24F-12R Reverser Hydraulic Wet Disc	JD PowerTech™ 4045 PWL *100.0EHP/85.0HP 25.0 / 30.0 U.S. gal. 22.5 g/m 4WD 12F-12R Reverser / 4WD 24F-12R Reverser Hydraulic Wet Disc	4052M/66M HD Yanmar Liq-Cooled Diesel *51.5EHP/40.9HP65.9EHP/51.9HP 15.0 U.S. gal. 17.4 g/m 4WD 3-Range eHydro™ Multi-Plate Wet Disc
ENGINE TYPE ENGINE HP / PTO HP FUEL CAPACITY HYDRAULIC CAPACITY DRIVE TRAIN BRAKES FRONT/REAR TIRES 4WD	5090E JD PowerTech™ 4045 PWL *90.0EHP/75.0HP 25.0 / 30.0 U.S. gal. 22.5 g/m 4WD 12F-12R Reverser / 4WD 24F-12R Reverser Hydraulic Wet Disc 12.4-24/18.4-30	JD PowerTech [™] 4045 PWL *90.0EHP/75.0HP 29.7 U.S. gal. 22.5 g/m 4WD 12F-12R Reverser / 4WD 24F-12R Reverser Hydraulic Wet Disc 12.5x80-18/19.5L-24	5100E JD PowerTech™ 4045 PWL *100.0EHP/85.0HP 25.0 / 30.0 U.S. gal. 22.5 g/m 4WD 12F-12R Reverser / 4WD 24F-12R Reverser Hydraulic Wet Disc 12.4-24/18.4-30	4052M/66M HD Yanmar Liq-Cooled Diesel *51.5EHP/40.9HP65.9EHP/51.9HP 15.0 U.S. gal. 17.4 g/m 4WD 3-Range eHydro™ Multi-Plate Wet Disc 31.5x13-16.5/16.9-24
ENGINE TYPE ENGINE HP / PTO HP FUEL CAPACITY HYDRAULIC CAPACITY DRIVE TRAIN BRAKES FRONT/REAR TIRES 4WD 3-POINT LIFT CAPACITY	5090E JD PowerTech™ 4045 PWL *90.0EHP/75.0HP 25.0 / 30.0 U.S. gal. 22.5 g/m 4WD 12F-12R Reverser / 4WD 24F-12R Reverser Hydraulic Wet Disc 12.4-24/18.4-30 3,213 lb (24″ Behind)	JD PowerTech™ 4045 PWL *90.0EHP/75.0HP 29.7 U.S. gal. 22.5 g/m 4WD 12F-12R Reverser / 4WD 24F-12R Reverser Hydraulic Wet Disc 12.5x80-18/19.5L-24 3,213 lb (24″ Behind)	5100E JD PowerTech™ 4045 PWL *100.0EHP/85.0HP 25.0 / 30.0 U.S. gal. 22.5 g/m 4WD 12F-12R Reverser / 4WD 24F-12R Reverser Hydraulic Wet Disc 12.4-24/18.4-30 3,213 lb (24″ Behind)	4052M/66M HD Yanmar Liq-Cooled Diesel *51.5EHP/40.9HP65.9EHP/51.9HP 15.0 U.S. gal. 17.4 g/m 4WD 3-Range eHydro™ Multi-Plate Wet Disc 31.5x13-16.5/16.9-24 2,500 lb (24″ Behind)
ENGINE TYPE ENGINE HP / PTO HP FUEL CAPACITY HYDRAULIC CAPACITY DRIVE TRAIN BRAKES FRONT/REAR TIRES 4WD 3-POINT LIFT CAPACITY 3-POINT LIFT TYPE	JD PowerTech™ 4045 PWL *90.0EHP/75.0HP 25.0 / 30.0 U.S. gal. 22.5 g/m 4WD 12F-12R Reverser / 4WD 24F-12R Reverser Hydraulic Wet Disc 12.4-24/18.4-30 3,213 lb (24″ Behind) Category 2	5090EL JD PowerTech™ 4045 PWL *90.0EHP/75.0HP 29.7 U.S. gal. 22.5 g/m 4WD 12F-12R Reverser / 4WD 24F-12R Reverser Hydraulic Wet Disc 12.5x80-18/19.5L-24 3,213 lb (24″ Behind) Category 2	5100E JD PowerTech™ 4045 PWL *100.0EHP/85.0HP 25.0 / 30.0 U.S. gal. 22.5 g/m 4WD 12F-12R Reverser / 4WD 24F-12R Reverser Hydraulic Wet Disc 12.4-24/18.4-30 3,213 lb (24″ Behind) Category 2	4052M/66M HD Yanmar Liq-Cooled Diesel *51.5EHP/40.9HP65.9EHP/51.9HP 15.0 U.S. gal. 17.4 g/m 4WD 3-Range eHydro™ Multi-Plate Wet Disc 31.5x13-16.5/16.9-24 2,500 lb (24″ Behind) Category 1 & 2
ENGINE TYPE ENGINE HP / PTO HP FUEL CAPACITY HYDRAULIC CAPACITY DRIVE TRAIN BRAKES FRONT/REAR TIRES 4WD 3-POINT LIFT CAPACITY 3-POINT LIFT TYPE PTO TYPE	JD PowerTech™ 4045 PWL *90.0EHP/75.0HP 25.0 / 30.0 U.S. gal. 22.5 g/m 4WD 12F-12R Reverser / 4WD 24F-12R Reverser Hydraulic Wet Disc 12.4-24/18.4-30 3,213 lb (24″ Behind) Category 2 Ind. Electrohydraulic	JD PowerTech™ 4045 PWL *90.0EHP/75.0HP 29.7 U.S. gal. 22.5 g/m 4WD 12F-12R Reverser / 4WD 24F-12R Reverser Hydraulic Wet Disc 12.5x80-18/19.5L-24 3,213 lb (24″ Behind) Category 2 Ind. Electrohydraulic	JD PowerTech™ 4045 PWL *100.0EHP/85.0HP 25.0 / 30.0 U.S. gal. 22.5 g/m 4WD 12F-12R Reverser / 4WD 24F-12R Reverser Hydraulic Wet Disc 12.4-24/18.4-30 3,213 lb (24″ Behind) Category 2 Ind. Electrohydraulic	4052M/66M HD Yanmar Liq-Cooled Diesel *51.5EHP/40.9HP65.9EHP/51.9HP 15.0 U.S. gal. 17.4 g/m 4WD 3-Range eHydro™ Multi-Plate Wet Disc 31.5x13-16.5/16.9-24 2,500 lb (24″ Behind) Category 1 & 2 Independent
ENGINE TYPE ENGINE HP / PTO HP FUEL CAPACITY HYDRAULIC CAPACITY DRIVE TRAIN BRAKES FRONT/REAR TIRES 4WD 3-POINT LIFT CAPACITY 3-POINT LIFT TYPE PTO TYPE APPROX SHIP WEIGHT	JD PowerTech™ 4045 PWL *90.0EHP/75.0HP 25.0 / 30.0 U.S. gal. 22.5 g/m 4WD 12F-12R Reverser / 4WD 24F-12R Reverser Hydraulic Wet Disc 12.4-24/18.4-30 3,213 lb (24″ Behind) Category 2 Ind. Electrohydraulic/7,275 / 8,150 lb†	JD PowerTech [™] 4045 PWL *90.0EHP/75.0HP 29.7 U.S. gal. 22.5 g/m 4WD 12F-12R Reverser / 4WD 24F-12R Reverser Hydraulic Wet Disc 12.5x80-18/19.5L-24 3,213 lb (24" Behind) Category 2 Ind. Electrohydraulic /7,055/lb [†]	5100E JD PowerTech™ 4045 PWL *100.0EHP/85.0HP 25.0 / 30.0 U.S. gal. 22.5 g/m 4WD 12F-12R Reverser / 4WD 24F-12R Reverser Hydraulic Wet Disc 12.4-24/18.4-30 3,213 lb (24″ Behind) Category 2 Ind. Electrohydraulic/7,275 / 8,150 lb†	4052M/66M HD Yanmar Liq-Cooled Diesel *51.5EHP/40.9HP65.9EHP/51.9HP 15.0 U.S. gal. 17.4 g/m 4WD 3-Range eHydro™ Multi-Plate Wet Disc 31.5x13-16.5/16.9-24 2,500 lb (24″ Behind) Category 1 & 2 Independent 4,290 lb

*Engine HP (EHP) is provided by the engine manufacturer to be used for comparison purposes only. Actual operating HP will be less. Refer to the engine manufacturer's website for additional information.

**Term limited to years or hours used, whichever comes first, and varies by model. See the LIMITED WARRANTY FOR NEW JOHN DEERE TURF AND UTILITY EQUIPMENT at JohnDeere.com for details.

† When three weights are shown, the first is 2WD open station, the second is 4WD open station and the third is 4WD with factory-installed cab option.

*440R loader only available on 4R series tractors.

Up to 137.0 in./3,896 lb



LDR LIFT HEIGHT/CAP

For a full list of equipment specs, current inventory, buy online, online credit applications & more, visit us at www.JamesRiverEquipment.com

Up to 141.0 in./3,574 lb



Up to 141.0 in./3,574 lb

110.0 in./2,539 lb





4M Heavy Duty Series (51.5-65.9EHP)

- Factory-installed 440R Quick Park[™] Loader comes standard
- 4WD, three-speed eHydro[™] transmissions with Twin Touch[™] pedals, power steering, and differential lock all come standard
- Low profile open station ROPS with flat operator platform
- Category 1 & 2 implement capability plus mid and rear hydraulics come standard





5E Series 3-Cyl (50.0-75.0EHP)

- John Deere PowerTech™ turbocharged diesel engines
- Simplify maintenance with no DEF fluid to manage, no DPF filter to change, and no Regen process needed
- 2WD or 4WD, 9F-3R SyncShuttle[™] or 12F-12R PowrReverser[™] transmissions, power steering, tilt-steering, cat 1 or cat 2 three-point hitch and rear hydraulics all come standard
- Open station ROPS or optional cab with heat & A/C
- Optional 540 economy PTO and telescoping draft links make attaching and using implements fast, easy & efficient

5090EL (90.0EHP)

- John Deere PowerTech™ turbocharged diesel engine
- 4WD, 12F-12R PowrReverser[™] transmission, power steering, tilt-steering, horizontal side exhaust, 540/540E PTO and dual rear hydraulics all come standard
- Low profile open station ROPS for poultry house clearances
- Optional 24F-12R PowrReverser[™] transmission

5E Series 4-cyl (90.0-100.0EHP)

- John Deere PowerTech™ turbocharged diesel engines
- 4WD, 12F-12R PowrReverser[™] transmissions, power steering, tilt-steering, 540/540E PTO, 3-point sway bars and dual rear hydraulics all come standard
- Open station ROPS or optional cab with heat & A/C
- Optional 24F-12R PowrReverser[™] transmission, triple rearand triple-mid selective control valves (SCV), and telescoping draft links make hard work easy & efficient



Key features (varies by model):



Easy maintenance made easier with removable radiator screens.



Advanced, independent PTO engagement while moving increases production.



Sloped hood design gives you the visibility you need for front loader work.



Smoother rides, flatter platforms, better cushions and optional air-ride seats.



PowrReverser[™] transmissions make loader work quick and clutchless.



Foot-controled throttle control levers for those quick bursts of additional power.



A 3rd SCV added to your loader valves gives you extra hydraulic capability.



A skid steer attachment carrier expands your loader implement options.



Add an additional hydraulic remote to existing SCVs on the rear of your tractor.



Canopy kits to keep you cool in the shade and block harsh sunlight.



Make hooking-up to implements much easier with telescopic draft links.



