

Tractor Series	5045E	5055E	5065E	5075E
Engine HP (kW) @ Rated Speed*	50 (37.4) @ 2100	59 (44.4) @ 2100	67 (50.4) @ 2100	73 (55.0) @ 2100
PTO HP (kW) @ Rtd RPM**	37 (27.6) @ 2100	41 (30.6) @ 2100	49 (36.6) @ 2100	57 (43) @ 2100
Max PTO HP**	38 (28.5) @ 1800	45 (33.6) @ 1800	53 (39.6) @ 1800	61 (45.5) @ 1800
Engine				
Make	John Deere PowerTech 3029	John Deere PowerTech 3029	John Deere PowerTech 3029	John Deere PowerTech 3029
Cylinders, aspiration	3, Turbocharged	3, Turbocharged	3, Turbocharged	3, Turbocharged
Displacement, cu. in. (liters)	179 (2.9)	179 (2.9)	179 (2.9)	179 (2.9)
Cylinder Liners	Wet Sleeved	Wet Sleeved	Wet Sleeved	Wet Sleeved
Transmission				
Standard	9F/3R SyncShuttle	9F/3R SyncShuttle	9F/3R SyncShuttle	9F/3R SyncShuttle
Optional	---	12F/12R PowrReverser	12F/12R PowrReverser	12F/12R PowrReverser
Reverser	No	No	No	No
On-the-Go Shifting (Yes/No/Partial)	Partial	Partial	Partial	Partial
Traction Clutch - Standard/Option	Dry	Dry/Wet (12F/12R PowrReverser)	Dry/Wet (12F/12R PowrReverser)	Dry/Wet (12F/12R PowrReverser)
Fuel System				
Fuel Tank OOS - Gal. (L)	19 (71.9)	19 (71.9)	19 (71.9)	19 (71.9)
Fuel Tank Cab - Gal. (L)	---	21 (79.5)	21 (79.5)	21 (79.5)
Power Take-Off (PTO)				
Standard	Independent 540	Independent 540	Independent 540	Independent 540
Optional (PR)	---	Independent 540/540E	Independent 540/540E	Independent 540/540E
PTO Actuation - Standard/Optn	Mechanical	Mechanical/Electrohydraulic	Mechanical/Electrohydraulic	Mechanical/Electrohydraulic
Economy PTO	No	Yes	Yes	Yes
Hydraulics				
Type	Open Center	Open Center	Open Center	Open Center
Steering gpm (L/min)	6 (22.7)	6 (22.7)	6 (22.7)	6 (22.7)
Implement gpm(L/min)	11.5 (43.5)	11.5 (43.5)	11.5 (43.5)	11.5 (43.5)
Total	17.5 (66.2)	17.5 (66.2)	17.5 (66.2)	17.5 (66.2)
Rear SCVs				
Base / Optional	1 / 2	1 / 2	1 / 2	1 / 2
Mid SCVs				
Base / Optional	0 / 2	0 / 2	0 / 2	0 / 2
3-Point Hitch				
OECD Hitch Lift Cap @ 24 in. behind hitch balls lb. (kg)	3,192 (1,448)	3,192 (1,448)	3,192 (1,448)	3,192 (1,448)
Hitch Category	Category 2 (convertible to 1)	Category 2 (convertible to 1)	Category 2 (convertible to 1)	Category 2 (convertible to 1)
Draft Sensing Type	Top Link	Top Link	Top Link	Top Link
Operator Station				
Type - Standard/Option	Open Station	Open Station/Cab	Open Station/Cab	Open Station/Cab
2WD Dimensions				
Overall length (minimum)	143.3 in.	143.3 in.	143.3 in.	143.3 in.
Overall width, rear axle b/w flanges	57.2 in.	57.2 in.	57.2 in.	57.2 in.
MFWD Dimensions				
Overall length (minimum)*	143.3 in.	143.3 in.	143.3 in.	143.3 in.
Overall width, rear axle b/w flanges	57.2 in..	57.2 in.	57.2 in.	57.2 in.
Height from ground				
To top of hood	61.1 in.	62 in.	63.9 in.	63.9 in.
To top of ROPS / Top of folded ROPS	96.7 in. / 69.9 in.	97.6 in. / 70.88 in.	99.5 in. / 72.7 in.	99.5 in. / 72.7 in.
To top of Cab	---	93.1 in.	95 in.	95 in.
Front Axle Clearance 2WD in. (mm),	15 (381)	16 (405)	17.8 (452)	17.8 (452)
Front Axle Clearance MFWD OOS in. (mm),	10.3 (340)	11.2 (285)	13.1 (332)	13.1 (332)
Front Axle Clearance MFWD Cab in. (mm)	---	11.2 (285)	13.1 (332)	13.1 (332)
Standard Tires				
2WD - Front / Rear	7.5 - 16; F2 / 13.6 - 28; R1	7.5 - 16; F2 / 14.9 - 28; R1	7.5 - 16; F2 / 16.9 - 28; R1	7.5 - 16; F2 / 16.9 - 28; R1
MFWD - Front / Rear	9.5 - 24; R1 / 13.6 - 28; R1	9.5 - 24; R1 / 14.9 - 28; R1	9.5 - 24; R1 / 16.9 - 28; R1	9.5 - 24; R1 / 16.9 - 28; R1
Weight				
Approx Weight, lb (kg), 2WD	4,414 (2,002)	4,524 (2,052)	4,634 (2,102)	4,634 (2,102)
Approx Weight, lb (kg), MFWD OOS	5,919 (2,685)	5,919 (2,685)	5,919 (2,685)	5,919 (2,685)
Approx Weight, lb (kg) MFWD Cab	---	6,702 (3,040)	6,702 (3,040)	6,702 (3,040)
Turn Radius**				
With brakes / Without brakes	10.2 ft. / 11.5 ft.	10.2 ft. / 11.5 ft.	10.2 ft. / 11.5 ft.	10.2 ft. / 11.5 ft.
Wheelbase, in. (mm)	80.7 (2,050)	80.7 (2,050)	80.7 (2,050)	80.7 (2,050)

*97/68 EC gross engine horsepower. **5045E PTO horsepower at rated speed Open Station with 9F/3R SyncShuttle™ Transmission. 5055E, 5065E, 5075E PTO horsepower at rated speed Cab with 9F/3R SyncShuttle™ Transmission. 5085E and 5100E PTO horsepower at rated speed Cab with 12F/12R PowrReverser™ Transmission.

5090E	5100E
90 (62.5) @ 2400	100 (74.6) @ 2400
75 (52.2) @ 2400	85 (63.4) @ 2400
78HP(58.2kW) @ 2200RPM	88HP(65.6kW) @ 2200RPM
John Deere PowerTech 4045	John Deere PowerTech 4045
4, Turbocharged	4, Turbocharged
276 (4.5)	276 (4.5)
Wet Sleeved	Wet Sleeved
12F/12R PowrReverser	12F/12R PowrReverser
24F/12R PowrReverser	24F/12R PowrReverser
Yes	Yes
Partial	Partial
Wet	Wet
30 (113.6)	30 (113.6)
30 (113.6)	30 (113.6)
Independent 540/540E	Independent 540/540E
Independent 540/1000	Independent 540/1000
Electrohydraulic	Electrohydraulic
Yes	Yes
Open Center	Open Center
6.6 (24.9)	6.6 (24.9)
15.9 (60.1)	15.9 (60.1)
22.5 (85.1)	22.5 (85.1)
2 / 3	2 / 3
0 / 2, 3	0 / 2, 3
3,213 (1,457)	3,213 (1,457)
Category 2	Category 2
Top Link	Top Link
Open Station/Cab	Open Station/Cab
---	---
---	---
159.13 in.	159.13 in.
57.2 in.	57.2 in.
70.6 in.	70.6 in.
101.1 in. / 79.6 in.	101.1 in. / 79.6 in.
102.4 in.	102.4 in.
---	---
17.0 (432)	17.0 (432)
15.2 (386)	15.2 (386)
---	---
12.4-24; R1 / 18.4-30; R1	12.4 - 24; R1 / 18.4 - 30; R1
---	---
7,275 (3,300)	7,275 (3,300)
8,150 (3,700)	8,150 (3,700)
11.6 ft. / 14.3 ft.	11.6 ft. / 14.3 ft.
92.52 (2,350)	92.52 (2,350)

*Front weight support extends past the front wheels. **With 4-wheel drive disengaged, where applicable.

