

SPECIFICATIONS

	UNIT	5050E	5058E	5067E	5075E
ENGINE PERFORMANCE					
Rated Speed	[rpm]	2,100			
Torque Rise	%	22			
Max. torque	[Nm]	188	247	280	304
Max. torque @ engine speed, 97/68EC (without fan)	[rpm]	1,500			
Rated power (97/68EC)	[hp]	49	60.3	68.5	74.7
	[kW]	36	44.4	50.4	55
ENGINE SPECIFICATIONS					
Engine Type		John Deere PowerTech™ E Stage V			
Aspiration		Wastegate Turbocharger with intercooler			
Cylinders and displacement		3 / 2.9 L			
Number of Valves Per Cylinder		2			
Fuel Tank Capacity	[l]	82			
Fuel Injection System & Control		Electronically controlled high pressure common rail fuel system			
Engine Control System		Electronic			
After Treatment Type		Diesel Oxidation Catalyst (DOC) and Diesel Particulate Exhaust Filter (DPF)			
Cooling System		Cooling system with Temperature Controlled Viscous Fan Drive (Eco Fan Drive)			
TRANSMISSION OPTIONS & SPECIFICATIONS					
9F / 3R Mechanic Reverser, 2.14 – 30.14 km/h		■		–	
24F / 12R PowrReverser™, EH Hi-Lo, 1.46 – 39.75 km/h		–		■	
12F / 12R PowrReverser™, 1.46 – 34.37 km/h		–		■	
Design MFWD		Mechanical Front Wheel Drive, electrohydraulic engagement			
Differential Lock		Mechanical Diff Lock Engagement			
REAR PTO					
Clutch Type		Dual dry clutch	Multi disc wet clutch		
Control Type		Mechanical engagement	Electrohydraulic engagement		
Shifting Design		In Cab Controls			
540 / 540E		■			
Engine at rated PTO speeds (540/540E rear PTO)	[rpm]	2,084 / 1,588			
STEERING AND BRAKES					
Steering		Open centre, hydrostatic, flow metering steering valve			
Primary Brake (Footbrake)		■			
Hand Emergency Brake		■			
Park Brake		■			
MFWD Braking		■			
Dual-Line Hydraulic Trailer Brakes		■			

	UNIT	5050E	5058E	5067E	5075E
HYDRAULIC SYSTEM					
System Type		Open Centre Hydraulic System			
System pressure – maximum	[bar]	197			
Base pump (Steering & Transmission Control)	[cc]	12			
Base pump – delivery rate per minute at rated speed	[l]	22.7			
Main pump (SCV & Hitch)	[cc]	23.0			
Main pump – delivery rate per minute at rated speed	[l]	43.5			
Maximum No. of SCV's (rear)		1		2	
Maximum No. of SCV couplers (rear)		2		4	
3 POINT HITCH					
Category		II			
Control Type		EQRL (Quick raise/lower) & Mechanical Hitch Control Levers			
Control Modes		Raise, lower, draft control, rate of raise & drop, quick raise/lower, height limit			
Sensing Type		Top Link Draft Sensing			
Max. Lift Capacity @ hitching point	[kg]	2,400			
Max. Lift Capacity @ 610 mm behind hitching point	[kg]	1,750			
TRACTOR DIMENSIONS					
Wheelbase 4WD	[mm]	2,050			
Total Length incl. Hood & Drawbar	[mm]	3,640			
Height Center of Rear Axle to top of Roof (Cab)	[mm]	–		1,760	
Height Center of Rear Axle to top of ROPS (IOOS)	[mm]	1,857			
Ground clearance min – max	[mm]	320-400			
Rear overall width min – max	[mm]	1,563 to 1,973 for 16.9R30 for other tires 1,513 to 2,030			
Front track width 4WD min – max	[mm]	1,408 to 1,888 for 11.2R20; 1,510 to 1,795 for 12.4R24			
TURNING RADIUS*					
MFWD engaged (with / without brakes)	[mm]	3,940 / 4,250			
Tire		320/85R24			
Position / Track Width	[mm]	1,800			
TRACTOR WEIGHTS					
Total weight IOOS	[kg]	2,950			
Total weight CAB	[kg]	–		3,320	
Maximum permissible weight	[kg]	5,100			

* Calculated Turning Radius