

5E 3 CYLINDER SERIES TRACTORS



Performance

TSS transmission technology equalises the speed of gears, allowing smooth coupling

Limited slip, heavy-duty MFWD front axle provides increased drawbar pull and improved traction when operating under slippery conditions

Hydrostatic power steering ensures smooth, steady steering, allowing the operator to focus on the task and not the steering

Uptime

One-piece tilt-up hood allows easy access to the air cleaner, radiator, and coolant recovery tank

Wet cylinder liners ensure ease of serviceability and improve engine life

Dual filter element ensures that air is 99.9% clean before entering the engine, enhancing the engine life

Cost of operation

Power take-off (PTO) 540E allows lower engine rpm to achieve fuel savings of up to 30%

The engine oil cooler protects engine components from early wear and tear

Brakes are oil-cooled for maximum performance throughout the life of the tractor



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www.deere.co.za
Africa@johndeere.com
Customer Care: 0800 983 821

5E 3 CYLINDER SERIES TRACTORS SPECIFICATIONS

Engine performance	Unit	5055E	5065E	5075E
Rated power (97/68EC)	hp	55	65	75
	kW	41	49	56
Power take-off (PTO) horsepower at rated speed				
	hp	47	56	64
	kW	35	42	48
Engine specifications				
Rated speed	rpm	2 400		
Engine type		PowerTech 2.9 litre diesel engine		
Aspiration		Naturally aspirated	Turbo charged	
Cylinders and displacement	cm ³	3 cylinder/2.9 litre		
Fuel injection system & control		Rotary fuel injection pump		
Air cleaner type		Dry type air cleaner with safety element		
Transmission options				
OOS TWD		OOS TWD	OOS TWD	–
9F/3R collarshift (CS) transmission		X	X	–
		OOS – TWD/MFWD	OOS – TWD/MFWD	OOS – TWD/MFWD
9F/3R top shaft synchronisation (TSS)		X	X	X
		IOOS/Cab MFWD	IOOS/Cab MFWD	IOOS/Cab MFWD
12/12 PowrReverser (PR) transmission		X	X	X
Front axle				
Variable track, heavy-duty, 2WD axle with power steering		OOS	OOS	
Fixed, heavy-duty, sealed MFWD axle with power steering			OOS/IOOS/Cab	
Differential lock			OOS/IOOS/Cab	
Rear axle				
OOS/IOOS/Cab		Inboard planetary final drives		
Steering and brakes				
Steering				
Type IOOS/Cab/OOS		Hydrostatic power steering		
Brakes				
Type IOOS/Cab/OOS		Hydraulically actuated wet disk brakes		
Secondary brake		Hand brake		
Hydraulic system				
System type IOOS/Cab/OOS		Open centre hydraulic system		
Steering pump total flow	L/pm	25.7		
Implement pump	L/pm	43.1		
Maximum number of SCVs OOS/IOOS/Cab		1 x double acting – rear selective control valve		
Electrical system				
Alternator size	A	40		
Battery size (minimum)	Ah	80		
3-point hitch – rear				
Category		3-point (category II) hitch with sway chains		
3-point hitch – rear – lift capacity				
Maximum lift capacity		1 800 kg at the ball		
Rear PTO				
540 rpm rear PTO shaft (TWD)		X		
540/540 economy rpm rear PTO shaft (MFWD)		X	X	X
PTO safety start switch		X	X	X
Operator station				
Cab type		John Deere TechCenter cab		
Sound reduction/level IOOS	dB	72		
Capacities				
Fuel tank capacity	litre	68		

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