

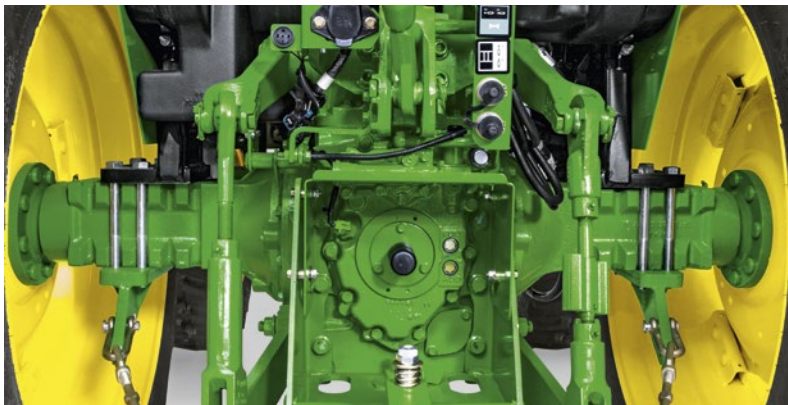
POWERFUL HYDRAULICS

A tandem hydraulic pump and up to 2 SCVs deliver 60 l/min for your hydraulically operated implements.



EASY TO OPERATE

All hydraulic controls are ergonomically placed on the console right next to the seat, providing a first-class workspace.



GET MORE DONE

Inboard planetary final drives distribute rear axle loads over three points for component stress: for a longer tractor life, less service and more uptime. A wide range of wheel tread adjustments mean you get more done with just one tractor. High lift capacity of 2,000 kg (at balls).

1 | PISTON COOLING JETS

The underside of each piston and piston pin is sprayed with cooled and filtered oil, which eliminates excessive heat. This unique feature ensures a long engine life and high reliability.

2 | NEW ROUND FENDERS

These fenders help to protect the operator station from mud and debris.

3 | COMFORTABLE CAB

The cab is equipped with an air conditioning system to ensure comfort during long working days.

4 | IMPRESSIVE HYDRAULIC FLOW

60 l/min for attachments – high performance for demanding applications.

5 | COOLING AND AIR CLEANING SYSTEM

Dry air filters ensure quick day maintenance and keep all unwanted contamination outside.

6 | GREENSTAR READY

GreenStar Ready enables the use of John Deere precision farm products to increase tractor productivity.

7 | PR TRANSMISSION

With 12 forward and 12 reverse gears. Wet clutch ensures high reliability.

8 | SINGLE-PIECE HOOD

Makes it easy to access all daily maintenance points.



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5E 4-CYLINDER TRACTORS

THE SMALL TRACTOR WITH THE BIG HEART



JOHN DEERE

NOTHING RUNS LIKE A DEERE

PROVEN QUALITY THE 5E 4-CYLINDER TRACTORS.

The John Deere 5E 4 Cylinder Series Tractors are developed and engineered with you and your farming business in mind. Whatever your unique requirements are, you can rely on our more than 175 years expertise with agricultural machinery.



If you are looking for a reliable tractor with first-class performance, durability and versatility, the 5E 4 Cylinder Series Tractor is an excellent choice. It is easy to operate and maintain, and a comfortable air-conditioned and ergonomic cab makes your life easier during long working hours.



5E SALTILLO TRACTORS SPECIFICATIONS

	UNIT	5076EF
ENGINE PERFORMANCE		
Rated Speed	[rpm]	2,400
Torque Rise	%	27
Max. torque	[Nm]	305
Max. torque @ engine speed	[rpm]	1,300
97/68EC (without fan)		
Rated power (97/68EC)	[hp]	75
	[kW]	55.9
ENGINE SPECIFICATIONS		
Engine Type		John Deere PowerTech
Aspiration		Turbocharger
Cylinders and displacement		4 / 4.5 L
Number of Valves Per Cylinder		2
Fuel Tank Capacity	[l]	95
Fuel Injection System & Control		Mechanical Injection Pump
Engine Control System		None
After Treatment Type		None
Cooling System		Cooling system with Temperature Controlled Fix Fan Drive
TRANSMISSION OPTIONS & SPECIFICATIONS		
9x3 TSS, 2.1 - 27.1 km/h		X
12F / 12R PowrReverser, 1.7 - 35.1 km/h		
Design MFWD		Mechanical Front Wheel Drive, electrohydraulic engagement (only PowrReverser)
Differential Lock		Mechanical Diff Lock Engagement
REAR PTO		
Clutch Type		Dry clutch / Wet Clutch (only PowrReverser)
Control Type		Mechanical engagement
Shifting Design		In OOS & CAB Controls
Design		
540		
540 / 540E		X
Engine at rated PTO speeds (540 / 540E rear PTO)	[rpm]	2,400 / 1,700
STEERING AND BRAKES		
Steering		Open center, hydrostatic, flow metering steering valve
Primary Brake (Footbrake)		X
Hand Emergency Brake		X
Park Brake		
HYDRAULIC SYSTEM		
System Type		Open Center Hydraulic System
System pressure - maximum	[bar]	190
Base pump (Steering & Transmission Control)	[cc]	12
Base pump - delivery rate per minute at rated speed	[l]	24.9
Main pump (SCV & Hitch)	[cc]	28.8
Main pump - delivery rate per minute at rated speed	[l]	60.2
Maximum No. of SCV's (rear)		2
Maximum No. of SCV couplers (rear)		4
3 POINT HITCH		
Category		II
Control Type		Mechanical Hitch Control Levers
Control Modes		Raise, lower, draft control & height limit
Sensing Type		Top Link Draft Sensing
Max. Lift Capacity @ hitching point	[kg]	1,972
Max. Lift Capacity @ 610 mm behind hitching point	[kg]	1,398
TRACTOR DIMENSIONS		
Wheelbase 4WD	[mm]	2,084
Total Length not including links and front weight	[mm]	3,148
Height Center of Rear Axle to top of Roof (Cab)	[mm]	N/A
Height Center of Rear Axle to top of ROPS (OOS)	[mm]	2,316
Ground clearance (height top of the drawbar)	[mm]	450
Rear overall width min - max (Centerline to Centerline)	[mm]	794 to 1,497 for 12.2R24 & 14.9R28
Front track width MFWD min - max (Centerline to Centerline)	[mm]	997 to 1,189 for 380/70R28
TURNING RADIUS		
MFWD engaged without brakes	[mm]	Mechanical MFWD
Tire		9.5-16 / 14.9-24
Position / Track Width	[mm]	1,497
TRACTOR WEIGHTS		
Total weight OOS	[kg]	2,400
Total weight CAB	[kg]	N/A
Maximum permissible weight	[kg]	4,400

5076E	5082E	5090E	5090EH
2,400			
27	25	23	23
305	320	355	355
1,300	1,300	1,400	1,400
75	82	92	92
55.9	61.1	68.6	68.6
John Deere PowerTech			
Turbocharger			
4 / 4.5 L			
2			
95	95 OOS / 125 CAB	95 OOS / 125 CAB	95 OOS / 125 CAB
Mechanical Injection Pump			
None			
None			
Cooling system with Temperature Controlled Fix Fan Drive			
X	X	X	X
	X	X	X
Mechanical Front Wheel Drive, electrohydraulic engagement (only PowrReverser)			
Mechanical Diff Lock Engagement			
Dry clutch / Wet Clutch (only PowrReverser)			
Mechanical engagement			
In OOS & CAB Controls			
X			
	X	X	X
2,400 / 1,700			
Open center, hydrostatic, flow metering steering valve			
X	X	X	X
X	X	X	X
X	X	X	X
Open Center Hydraulic System			
190			
12			
24.9			
28.8			
60.2			
2			
4			
II			
Mechanical Hitch Control Levers			
Raise, lower, draft control & height limit			
Top Link Draft Sensing			
1,972			
1,398			
2,179			
3,586			
N/A	2,613	2,900	
2,599	2,586	2,899	
583			744
1,507 to 1,821 for 16.9R24; 1,512 to 1,816 for 460/85R40			1,516 to 2,122 for 13.6-38
1,392 to 1,903 for 11.2R24; 1,392 to 1,903 for 320/85R24			1,395 to 1,996 for 13.6-38
Mechanical MFWD			
12.4-24 / 18.4-30			13.6-38 / 13.6-38
1,821			2,122
2,840	3,000		3,235
N/A	3,220		3,500
5,200			