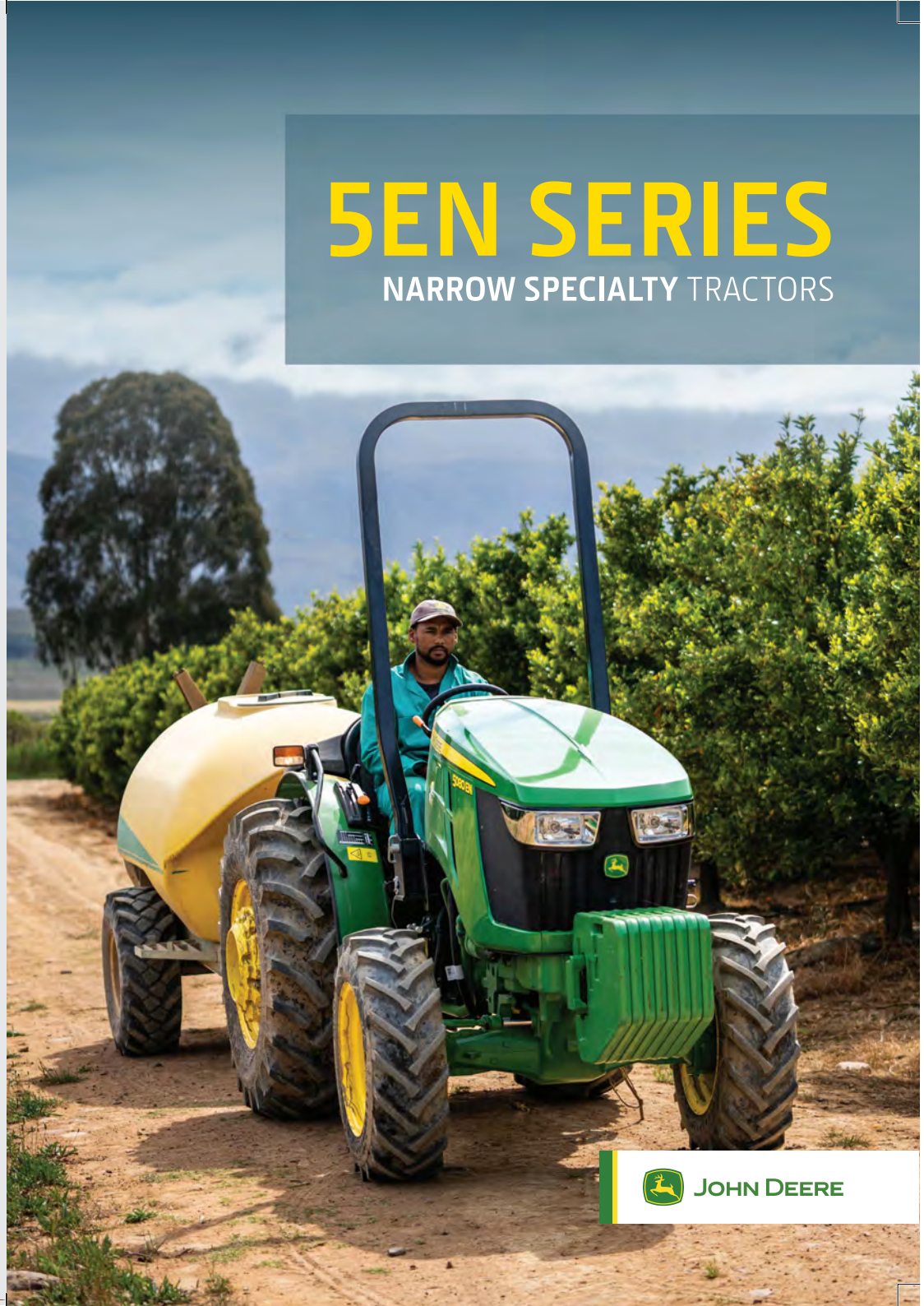
	5080EN	5090EN
ENGINE		
Rated power (97/68EC) hp (kW)	79hp (58.8kW)	92hp (68.6kW)
Maximum Torque, Nm	294 Nm @ 1400 rpm	355 @ 1400 rpm
Torque Reserve, percentage (%)	21%	24%
Engine Manufacturer	John Deere Power Systems	
Engine Type, Displacement	2.9 L PowerTech, Turbo Charged	4.5 L PowerTech, Turbo Charged
Fuel System	Mechanical, Piston Injection Pump.	Distributor-type Injection Pump, Direct Injection
Air Filter	Dry Type, Dual Element	
Cooling system	Liquid Cooled	
TRANSMISSION		
9F/3R Synchronised Transmission (with Dry Clutch)	X + (3F / 1R Creeper)	N/A
12F/12R PowerReversed SyncShuttle Transmission (Wet Clutch)	N/A	X
CLUTCH		
Clutch	Dry Clutch (DC)	Wet Clutch (WC)
REAR AXLE		
OOS/CAB	Inboard Planetary Final Drives	
FRONT AXLE		
2WD (Two Wheel Drive)	N/A	Optional
MFWD (4 Wheel Drive) Front Axle	X	N/A
MFWD (4 Wheel Drive) Front Axle Electrohydraulic	N/A	X
STEERING		
Type (OOS/CAB)	Hydrostatic Power Steering	
BRAKE		
Type	Hydraulic Actuated Wet Disk Brakes - Self Adjusting	
Secondary Brake	Hand Brake	
HYDRAULIC SYSTEM		
Type (OOS/CAB)	Open Center Hydraulic System	
Steering Pump Total flow (L/pm)	26	24.9
Implement Pump (L/pm)	43	69.6
Maximum No. of SCV's OOS/CAB	1 / 2 Double Acting Rear Selective Control Valves	
ELECTRICAL SYSTEM		
Alternator Size (A)	90 (OOS)	70 (OOS) / 90 (CAB)
3- POINT HITCH REAR		
Category	3-Point (Category II)	
Lift Capacity at the ball (kg)	2055	1972
REAR POWER TAKE-OFF (PTO)		
540/540E RPM Rear PTO Shaft	X	X
OPERATOR STATION		
Open Operator Station	X	X
Cab		X
Instrument Panel	Digital Dashboard Display	Digital Dashboard Display
CAPACITIES		
Fuel Tank (L)	70	63
DIMENSIONS and WEIGHTS		
Wheelbase (mm)	1959	2084
Ground clearance (mm), Center MFWD without front ballast	291 (MFWD)	372 (TWD) / 291 (MFWD)
Permissible Tractor Weight (kg)	3375 (OOS)	2760 (OOS) / 2940 (CAB)
WHEELS and TIRES		
Front wheels (2WD)	N/A	6.50-16 (6PR)
Front Wheels (MFWD) (Radial tire technology)	8.00-16	280/70R16
Rear Wheels (Radial tire technology)	12.4-24	380/70R24

This literature has been compiled for broad circulation in Africa and Middle East. While general information, pictures and descriptions are provided, some illustrations and text may include finance product options and accessories not available in all regions. Please contact your local dealer for details. John Deere reserves the right to change specification and design of products described in this literature without notice. The green and yellow colour scheme, the leaping deer logo and the JOHN DEERE word mark are trademarks of Deere & Company.

The literature on the 5EN Narrow Specialty tractors are related only to all Africa and Middle East markets.

5EN SERIES

NARROW SPECIALTY TRACTORS

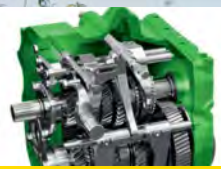


5EN SERIES NARROW SPECIALTY TRACTORS

THE PERFECT FIT FOR YOUR ORCHARDS

The most dependable compact narrow tractor to compliment crop care and harvest of high value crops.

HIGH VALUE CROP



TRANSMISSION OPTIONS

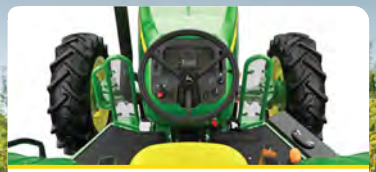
The 9x3 **SyncShuttle™** transmission with pressurised lubrication of the top shaft benefits secure unsurpassed transmission reliability in any application. Achieve speeds as low as 0.47 km/hr @ 1600 rpm with the creeper option on the 5080EN.



540/540E PTO

The **540 Economic PTO (Power Take-Off)** is the preferred choice to ensure lowest fuel consumption throughout light operations.

The 540/540E PTO comes standard with the 5E Series tractors and allows the efficient application of PTO driven operations to benefit improved daily productivity and optimise operational cost.



OPERATOR STATION

Increased productivity, reduced operator fatigue and greater maneuverability, are complemented by this tractor. The ergonomically designed Comfortable Operator Station includes features such as:

- **Adjustable seat**
- **Hydrostatic steering wheel**
- **Multifunctional Instrumental Panel**
- **Controls and instrumentation that are well positioned for easier operations.**



SELF ADJUSTING OIL EMERGED BRAKES

The 5EN tractor series comes standard with self adjusting oil emerged brakes. In comparison to disc brakes, this allows for a more responsive braking experience especially when carting a heavy load. A reliable feature that ensures **a longer lifespan** on your tractors brakes.



GENUINE JOHN DEERE PARTS

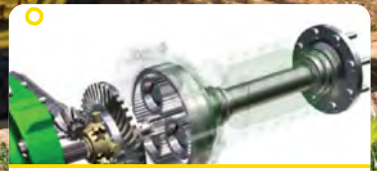
John Deere delivers **quality parts** that are tailored to enhance the performance, comfort, and reliability of your tractor. Genuine tractor parts operate and function perfectly as they are created when the tractor is designed and developed. Your John Deere tractor will stay as **reliable** as the day it was bought - for years and years to come.



POWERTECH™ ENGINE

This **robust John Deere PowerTech™** engine does not only boast in power, but it was engineered in being economical as well by providing you **efficient fuel consumption** in daily operations.

The high-performance engine delivers a 21% torque reserve allowing ease of operation through tough spots without the need to change any gears.



ONBOARD PLANETARY FINAL DRIVE

The heavy-duty Final Drive on the 5EN tractors ensures trouble free application in severe heavy duty applications.

Designed with onboard planetary final reduction gears ensuring **efficient power** through the rear axle to the ground. This feature permits **longevity for the driveline components.**



THREE POINT HITCH

The Three Point Hitch is designed to match your implements for **optimal efficiency.**

An industry leading hitch load and depth control functions, allow you to adjust the hitch function based on the specific application needs increasing productivity within any operation.