

John Deere

2025R

Compact Tractor

Key Specs

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| Engine power (gross) | SAE J1995 rated power: 17.8 kW 23.9 hp 24.2 PS at 3200 rpm |
| Power take-off (PTO) power | 12.8 kW 17.2 hp |
| Steering hydraulics | 13.4 L/min 3.5 gpm |
| Implement hydraulics | 13.4 L/min 3.5 gpm |
| Hitch type | Limited Category 1 |
| Lift capacity, 24-in. behind link arms | 415 kg 915 lb |
| Standard transmission; forward/reverse | Hydrostatic - two range |
| Cruise control | Standard |
| Approximate shipping weight (open-station; cab) | Open station: 849 kg 1872 lb Cab: 1085 kg 2392 lb |

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| Wheelbase | 1600 mm 63 in. |
| Engine | |
| Manufacturer | Yanmar® |
| Engine model | 3TNV80F-NCJT |
| Engine power (gross) | SAE J1995 rated power: 17.8 kW 23.9 hp 24.2 PS at 3200 rpm |
| Power take-off (PTO) power | 12.8 kW 17.2 hp |
| Rated engine speed | 3200 rpm |
| Type | Diesel |
| Injection pump type | Indirect injection |
| Aspiration | Natural |
| Emissions compliance | Final Tier 4 |
| Cylinders/displacement | Three cylinders: 1.267 L 77 cu in. |
| Number of cylinders | Three |
| Cylinder liners | Cast-in-block |
| Bore and stroke | 80 x 84 mm 3.2 x 3.3 in. |
| Compression ratio | 23.1:01 |
| Lubrication | Pressurized |
| Cooling system | Water pump |

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| Air cleaner | Dual element |
| Engine torque at rated speed | 53.1 Nm 39.1 lb-ft |
| Fuel tank capacity | 20.4 L 5.39 gal. |

Electrical

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| Battery size | 500 CCA |
| Alternator (12-V) | 40 amp |
| Starter size | 1.2 kW 1.6 hp |

Fuel system

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| Type | Indirect injection |
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Transmission

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| Standard transmission; forward/reverse | Hydrostatic - two range |
| Left-hand reverser | No |
| Final drive | Spur gear |
| Brakes | Wet disc |
| Steering | Power steering |
| Axle capacity | Front 612 kg 1349 lb Rear |

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| | 1100 kg 2425 lb |
| Creeper | No |
| Cruise control | Standard |
| Differential lock | Yes |
| Hydraulics | |
| Type | Open center |
| Pump rated output | Steering 13.25 L/min 3.5 gpm Implement 13.25 L/min 3.5 gpm 26.5 L/min 7.0 gpm |
| Pump type | Gear |
| Maximum operating pressure | 137 bar 1987 psi |
| Draft control sensing | Position control |
| Remote control valves available | Two |
| 3-point hitch | |
| Type | Limited Category 1 |
| Lift capacity, 24-in. behind link arms | 415 kg 915 lb |

Power take-off (PTO)

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| Standard | Rear - 540 rpm Mid - 2100 rpm |
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| Control | Independent |
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| Clutch | Wet disk |
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| Brake (for mid and rear PTO) | Wet disk |
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Fluid capacities

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| Crankcase with filter | 2.7 L 2.9 qt |
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Final drive

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| Type | Spur gear |
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| Differential lock | Yes |
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Operator station

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| Rollover protective structure | Type Foldable OSHA, SAE, ASAE |
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| Platform - flat/straddle | Three-piece semi flat |
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| Gear shift location - console/floor | Left-hand side |
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Dimensions

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| Wheelbase | 1600 mm 63 in. |
| Turning radius without brakes | Outside front tire: 2.51 m 8.2 ft |
| Limited slip differential | No |
| Approximate shipping weight (open-station; cab) | Open station: 849 kg 1872 lb Cab: 1085 kg 2392 lb |
| Tires | |
| Front | R3 Turf: 23x8.50-12 R3 Radial: 220/55-R12 R4 Industrial: 23x8.50-12 |
| Rear | R3 Turf: 12-16.5 R3 Radial: 280/70 R16 R4 Industrial: 12-16.5 |
| Toolbox | Yes |
| Tilt steering wheel | Yes |
| 12-V Outlet | Yes |