

John Deere 5405: The 63 HP Workhorse for Indian Farms

For farmers seeking a robust and versatile tractor, the [John Deere 5405](#) Gear Pro 4WD (Trem IV) stands out as a dependable choice. Designed for heavy-duty farming tasks, it delivers exceptional performance across ploughing, tilling, hauling, and other demanding operations.



Engine & Power — Efficient and Reliable

At the core of the 5405 is the John Deere 3029H turbocharged engine, rated at 63 HP and operating at 2100 RPM. This 3-cylinder engine features a coolant-cooled system with an overflow reservoir and a dry-type dual-element air filter, ensuring reliable performance even under challenging conditions. Its HPCR fuel injection system provides efficient fuel supply, delivering consistent power and endurance for long hours in the field.

Transmission, PTO & Hydraulics — Flexible Operations

The John Deere 5405 offers three transmission options to suit various farming tasks:

- 12 forward + 4 reverse (GearPro Speed)
- 12 forward + 12 reverse (PowrReverser Speed)
- 9 forward + 3 reverse (Creeper Speed)

These options allow farmers to adjust speed and torque for different operations. Forward speeds range from 1.9 to 32.6 km/h (GearPro), 1.4 to 31.3 km/h (PowrReverser), and 0.35 to 0.87 km/h (Creeper), making it ideal for everything from slow planting to fast transport.

The independent 6-spline PTO offers:

- Standard PTO: 540 RPM @ 2100 ERPM
- Economy PTO: 540 RPM @ 1600 ERPM
- Reverse PTO: 516 RPM @ 2100 ERPM

Its LiftPro high-lifting hydraulic system provides lifting capacities of 2000 kg and 2500 kg, allowing farmers to handle heavy implements efficiently.

Build, Dimensions & Comfort

The 5405 weighs 2600 kg and has a wheelbase of 2050 mm, an overall length of 3678 mm, width of 1944 mm, and ground clearance of 425 mm. Its 4WD traction and sturdy build ensure stability on tough terrains.

Comfort features include tilt steering, an armrest-equipped seat, a wide operator platform, and a 71-litre fuel tank, supporting long hours of uninterrupted fieldwork. Oil-immersed disc brakes add safety and control.

Price, Warranty & Value

In India, the on-road price ranges from ₹13.60 lakh to ₹14.99 lakh, while the ex-showroom price starts from ₹13.10 lakh to ₹14.49 lakh. The 5405 comes with an extensive 5-year warranty, covering major components and giving farmers confidence in reliability and post-purchase support.

Features & Benefits

- Turbocharged 63 HP engine for heavy-duty farming
- Three transmission options for flexible speed and torque
- High lift capacity (2000–2500 kg) for implements
- Durable 4WD build for stability on uneven terrain
- Comfortable ergonomics, tilt steering, and wide fuel tank
- Long service interval of 500 hours, reducing maintenance costs

Farmers benefit from its versatility, durability, and efficiency, making it suitable for both agricultural and commercial operations.

Final Thoughts

The John Deere 5405 Gear Pro 4WD (Trem IV) is a reliable, heavy-duty tractor that balances power, flexibility, and comfort. Its advanced transmission, PTO options, and robust hydraulic system make it ideal for varied farm operations. For those seeking a tractor that combines high performance with dependable support, the 5405 is a strong choice for modern Indian farming.

