



|            | Model | Hours | Price     |
|------------|-------|-------|-----------|
| John Deere | 6105M | 772   | \$ 72,950 |
|            | 6105M | 1403  | \$ 72,950 |
|            | 6105M | 1486  | \$ 72,950 |
|            | 6105M | 743   | \$ 72,950 |
|            | 6105M | 1387  | \$ 72,950 |
|            | 6105M | 1227  | \$ 72,950 |

| ENGINE                          |   |
|---------------------------------|---|
| <b>Make</b>                     | John Deere PowerTech PVX variable geometry turbocharger with intercooler diesel |
| <b>Model</b>                    | 6105M   |
| <b>Peak rated power</b>         | 105 hp  |
| <b>Number of cylinders</b>      | 4   |
| <b>Displacement</b>             | 4.5L 276 cu in.   |
| <b>Bore/Stroke</b>              | 4.19x5.00 inches [106 x 127 mm]   |
| <b>Emissions</b>                | Interim Tier IV   |
| <b>Emission control</b>         | cooled exhaust gas recirculation  |
| <b>Rated Power (EC 97/98)</b>   | 105 hp [78.3 kW]  |
| <b>Maximum Power (EC 97/68)</b> | 109 hp [81.3 kW]  |
| <b>Fuel system</b>              | high pressure common rail   |
| <b>Compression</b>              | 16.1 1  |
| <b>Rated RPM</b>                | 2100  |
| <b>Torque</b>                   | 349 lb-ft [473.2 Nm]  |
| <b>Torque RPM</b>               | 1600  |
| <b>Starter</b>                  | electric  |
| <b>Starter volts</b>            | 12  |

|                         |                   |
|-------------------------|-------------------|
| <b>Oil capacity</b>     | 16.9 qts [16.0 L] |
| <b>Coolant capacity</b> | 23.3 qts [22.1 L] |

| <b>TRANSMISSION</b> |                          |
|---------------------|--------------------------|
| <b>Transmission</b> | John Deere SyncroPlus    |
| <b>Type</b>         | fully synchronized       |
| <b>Gears</b>        | 12 forward and 4 reverse |
| <b>Clutch</b>       | Hydraulic wet disc       |

| <b>3-POINT HITCH</b>            |  |
|---------------------------------|--|
| <b>Rear Type</b>                | 2/3N   |
| <b>Control</b>                  | electrohydraulic load sensing                      |
| <b>Rear lift (at 24"/610mm)</b> | 4488 lbs [2035 kg]<br>5864 lbs [2659 kg](optional) |

| <b>POWER TAKE-OFF (PTO)</b> |                       |
|-----------------------------|-----------------------|
| <b>Rear PTO</b>             | Independent           |
| <b>Rear RPM</b>             | 540/1000 (1.375)      |
| <b>Engine RPM</b>           | 540@1932<br>1000@1932 |

| <b>MECHANICAL</b>        |  |
|--------------------------|--|
| <b>Chassis</b>           | 4x2 2WD<br>4x4 MFWD 4WD  |
| <b>Differential lock</b> | Electro-hydraulic rear<br>limit-slip front (4WD)   |
| <b>Steering</b>          | hydrostatic power  |
| <b>Brakes</b>            | hydraulic wet disc   |
| <b>Cab</b>               | Two-post foldable ROPS. Cab optional with<br>air-conditioning. GreenStar (optional)<br>AutoTrac (optional) |

| <b>HYDRAULICS</b>  |  |
|--------------------|--|
| <b>Type</b>        | open center pressure compensated<br>closed center load sensing pressure and flow<br>compensated (optional) |
| <b>Capacity</b>    | 13.7 gal [51.9 L]  |
| <b>Pressure</b>    | 2900 psi [200.0 bar]   |
| <b>Rear valves</b> | 1 to 3   |
| <b>Mid valves</b>  | 2 or 3 (optional)  |
| <b>Pump flow</b>   | 21.1 gpm [79.9 lpm]<br>30 gpm [113.6 lpm] (optional)   |
| <b>SCV flow</b>    | 21.1 gpm [79.9 lpm]  |

| DIMENSSIONS                   |   |
|-------------------------------|---|
| <b>Weight (max capacity)</b>  | 19180 lbs [8700 kg]   |
| <b>Wheelbase</b>              | 101.6 inches [258 cm]   |
| <b>Clearance (front axle)</b> | 20.47 inches [51 cm] (4WD)  |
| <b>Rear axle</b>              | Flange<br>Bar 3.1 by 100.6 inches [78x2555 mm]                                |
| <b>Front tread</b>            | 60.4 to 80.4 inches (2WD)<br>[153 to 204 cm] (2WD)                            |
| <b>Standard tires (ag)</b>    | Front 10.00-16. Rear 460/85R34 (2WD)<br>Front 380/85R24. Rear 460/85R34 (4WD) |

