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| **Manufacturer**  John Deere 318D Skid Steer/Uniloader Specifications | **John Deere** |
| **Model** | **318D** |
| **DATE OF SPECIFICATION - 1 October 2010** |  |
| **ENGINE** |  |
| Emission Rating | Interim Tier 4 |
| Engine Make / Engine Model | John Deere / PowerTech E 4024HT |
| Net Power, kW (hp) @ Rated rpm | 43.3 (58) @ 2600 |
| Gross power, kW (hp) | 47 (63) |
| Net peak torque, N-m (lb-ft) | 219 (162) |
| Displacement, L (cu in) | 2.4 (149) |
| Engine aspiration | Turbo. Intercooled |
| Fuel capacity, L (gal) | 70 (19) |
| **HYDRAULIC SYSTEM** |  |
| Standard pump flow, L/min (gpm) | 68 (18) |
| Optional high flow, L/min (gpm) | 102 (27) |
| System pressure, kPa (psi) | 21374 (3100) |
| Hydraulic power, kW (hp) | 25 (34) |
| Optional high flow hydraulic power, kW (hp) | 40 (54) |
| **PERFORMANCE** |  |
| SAE rated operating capacity, kg (lb) | 817 (1800) |
| SAE ROC with optional counterweight, kg (lb) | 885 (1950) |
| Tipping Load, standard, kg (lb) | 1634 (3600) |
| Breakout Force Boom, kN (lb) | 15.6 (3500) |
| Breakout Force Bucket, kN (lb) | 22.8 (5125) |
| Vertical lift geometry | Vertical |
| **DRIVE TRAIN** |  |
| Maximum Ground Speed, standard, kph (mph) | 10.9 (6.8) |
| Two Speed Transmission Ground Speed, kph (mph) | 16.3 (10.1) |
| Drive Chain Rating | 2032 (80) |
| Axle Torque, Nm (lb-ft) | 6052 (4450) |
| Tire size - Standard | 10 x 16.5 8PR Extra wall |
| **DIMENSIONS** |  |
| Length with Bucket, mm (in) | 3360 (132) |
| Length without Bucket, mm (in) | 2740 (108) |
| Width without Bucket, mm (in) | 1610 (63) |
| Height to ROPS, mm (in) | 1980 (78) |
| Height to Hinge Pin, mm (in) | 2990 (118) |
| Dump Height, mm (in) | 2380 (94) |
| Dump Reach, mm (in) | 950 (38) |
| Dump Angle, degrees | 42 |
| Bucket Rollback @ ground, degrees | 32 |
| Wheelbase, mm (in) | 1070 (42) |
| Ground Clearance, mm (in) | 217 (8.5) |
| Angle of Departure, degrees | 25 |
| **WEIGHT** |  |
| SAE Operating weight, kg (lb) | 2928 (6450) |
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| Specifications are based on published information at the time of publication. Specifications are subject to change without notice. | |
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