# R Series Specifications

## R530

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| **Model** | | | | **R530** |
| **Type of ROPS / FOPS** | | | | **CANOPY / CAB** |
| **Engine** | Model | | | V2607-CR-E4 |
| | Emission certification | | | Tier4 Final |
| | Output (SAE J1995 gross) | | HP (kW)/rpm | 51.0 (38) / 2400 |
| | Output (SAE J1349 net) | | HP (kW)/rpm | 47.9 (35.7) / 2400 |
| | Displacement | | cu.in. (cc) | 160 (2615) |
| **Transmission** | Type | | | Hydrostatic transmission |
| **Dimensions** | Overall length | | ft.in. (mm) | 17' 4" (5295) |
| | Overall height | | ft.in. (mm) | 8' 1" (2455) / 8' 1" (2475) |
| | Overall width (w/o bucket) | | ft.in. (mm) | 5' 8" (1721) |
| | Ground clearance | | in. (mm) | 12.8" (325) |
| **Auxiliary circuit** | Auxiliary hydraulic flow | | gpm (ℓ/min) | 14.2 (53.8) |
| | Auxiliary hydraulic pressure | | psi (Mpa) | 2700 (18.6) |
| **Drive system** | Tire size | | | 365/70R18 |
| | Travel speed | Low / High | mph (km/h) | 2.9 (4.6) / 12.4 (20.0) |
| | Max. traction force | | lbs. (kN) | 6540 (29.1) |
| | Front/Rear axle traction lock | | | Diff-lock (both axles) |
| | Articulation angle | | deg. | 40 (each direction) |
| | Angle of rear frame scillation | | deg. | ±8 |
| | Loader clearance circle | | ft.in. (mm) | 25' 4" (7720) |
| | Turning radius track circle | | ft.in. (mm) | 11' 1" (3385) |
| | Brakes | Service | | Enclosed wet disc |
| | | Parking | | Spring applied hydraulic released wet disc |
| **Lifting specifications** | | | | |
| | Tipping load (straight) | with bucket | lbs. (kg) | 6041 (2740) / 6537 (2965) |
| | | with pallet forks | lbs. (kg) | 4674 (2120) / 5037 (2285) |
| | Tipping load (full turn) | with bucket | lbs. (kg) | 5093 (2310) / 5534 (2510) |
| | | with pallet forks | lbs. (kg) | 3968 (1800) / 4288 (1945) |
| | Rated operating capacity (SAE) | with bucket | lbs. (kg) | 2546 (1155) / 2767 (1255) |
| | | with pallet forks | lbs. (kg) | 1984 (900) / 2144 (972) |
| **Operational specifications** | Standard bucket capacity | | $yd^3$ | 0.85 |
| | Breakout force | | lbs. (kN) | 7761 (34.5) |
| | Lifting capacity at ground level | | lbs. (kN) | 5646 (25.1) |
| | Loader raise / lower time | | sec. | 6.3 / 4.0 |
| **Fuel tank** | | | gal. (ℓ) | 18.5 (70) |
| **Hydraulic system** | | | gal. (ℓ) | 14.5 (55) |
| **Hydraulic reservoir** | | | gal. (ℓ) | 10.3 (39) |
| **Operating weight (Including operator weight @ 175lbs.)** | | | lbs. (kg) | 9303 (4220) / 9799 (4445) |

Note: The above dimensions are based on the machine with std. tires, skid steer type quick coupler, standard bucket and ROPS/FOPS canopy and cabin.
The company reserves the right to change the above specifications without notice. This brochure is for descriptive purposes only. Please contact your local Kubota dealer for warranty infomation. For your safety, Kubota strongly recommends the use of a Rollover Protective structure (ROPS) and seat belt in almost all applications.