Tue, 24 Feb 2026

648L-II

Description

Standard Arch Function - Dual

Driveline

Engine Manufacturer	John Deere
Engine Model	PowerTech PSS 6.8L
Displacement	6.8 L
Engine Output	177.0 kW
Engine Torque	1025.0 Nm
Transmission	Continuous Variable Transmission
Planetaries	Inboard
Service Brake Type	Inboard Wet discs
Parking Brake Type	Wet multi-disc in Transmission

Dimensions

Overall Length	8129.0 mm
Overall Width	3233.0 mm
Height Over Cab	3365.0 mm
Wheelbase	3680.0 mm
Dozer Blade Height	687.6 mm
Ground Clearance	557.0 mm
Dozer Blade Width	2192.0 mm
Dozer Blade - Dig Depth	359.0 mm

Dimensions

Tong Opening at Tips - 3226.0 mm

Enclosure Area - 1.63 m²

Steering Articulation Angle - 45.0 degree (angle)

Capacities

Fuel Tank - 391.8 L

Hydraulic Tank - 123.6 L

Alternator Output - 150.0 amp

Performance Data

Travel Speed - 24.74 km/h

Oscillation Point - Front axle

Oscillation Angle - 15.0 degree (angle)

Rated Line Pull - 221.0 kN

Rated Line Speed - 27.4 m/min

System Voltage - 24.0 V

Pump - Var. piston

Weights

Operating Weight - 19054.0 kg