



848T WHEEL LOADER

**ENGINE**

Emission Regulation	Tier 3 / Stage III
Manufacturer	Cummins
Model	B7
Rated Power	133 kW (178 hp / 181 ps) @ 2,200 rpm
Peak Torque	946 N·m @ 1,500 rpm
Displacement	6.7 L
Number of Cylinder	6
Aspiration	Turbocharged & Air-to-air intercooled

TRANSMISSION

Transmission Type	Countershaft, power shift
Torque Converter	Single stage, three elements
Maximum Travel Speed, fwd	39.3 km/h
Maximum Travel Speed, rev	26.6 km/h
Number of Speed, fwd	4
Number of Speed, rev	3

AXLES

Differential Front Type	Limited slip differential
Differential Rear Type	Limited slip differential
Axle Oscillation	±12°

STEERING

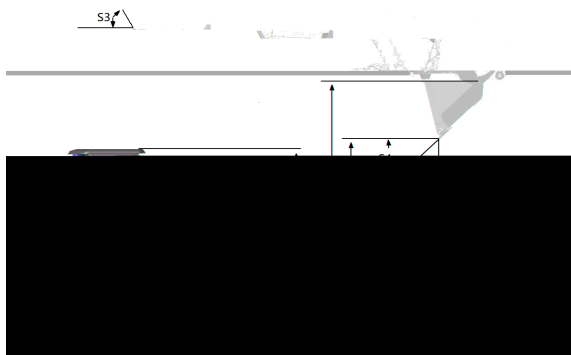
Steering Hydraulic System	Load sensing hydraulic steering
Steering Relief Pressure	22 MPa

BRAKES

Service Brake Type	Wet discs brake
Service Brake Actuation	Full hydraulic
Parking Brake Type	Drum
Parking Brake Actuation	Electro-hydraulic release

HYDRAULIC SYSTEM

Main Pump Type	Piston
Main Relief Pressure	28 MPa
Raise	5.2 s
Dump Time	1.0 s
Float Down Time	3.2 s
Hydraulic Cycle Time	9.4 s

**LOADER ARM PERFORMANCE WITH STANDARD BUCKET 2.7 m³**

Tipping Load - Straight (ISO 14397-1:2007)	11,550 kg
Tipping Load - Full Turn (ISO 14397-1:2007)	11,550 kg

