



Engine	Cummins B6.7
Max. Gross	126 kW (169 hp / 171 ps) @ 1,800 rpm
Max. Net	116 kW (156 hp / 158 ps) @ 1,800 rpm
Operating Weight	15,150 kg
Standard Bucket Size	2.3 m ³
Standard Breakout Force	128 kN
Standard Dump Clearance	2,826 mm

842T WHEEL LOADER

ENGINE

Emission Regulation	EU Stage V
Manufacturer	Cummins
Model	B6.7
Max.Gross	126 kW (169 hp / 171 ps) @ 1,800 rpm
Max.Net	116 kW (156 hp / 158 ps) @ 1,800 rpm
Peak Torque	881 N·m @ 1,300 rpm
Displacement	6.7 L
Number of Cylinders	6
Aspiration	Turbocharged & Air-to-air intercooled

TRANSMISSION

Transmission Type	Countershaft, power shift
Torque Converter	Single stage, three elements
Maximum Travel Speed, fwd	41.6 km/h
Maximum Travel Speed, rev	28.09 km/h
Number of Speed, fwd	4
Number of Speed, rev	3

AXLES

Differential Front Type	Differential lock
Differential Rear Type	Conventional
Axle Oscillation	±12°

STEERING

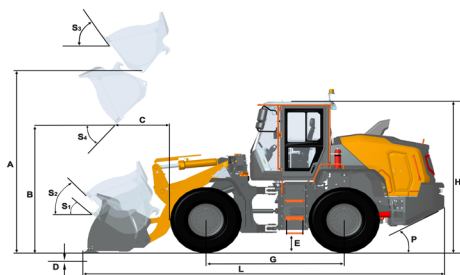
Steering Hydraulic System	Large displacement steering
Steering Relief Pressure	22 MPa

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	5.1 s
Dump Time	1.6 s
Float Down Time	3.3 s
Hydraulic Cycle Time	10 s



LOADER ARM PERFORMANCE WITH STANDARD BUCKET 2.3 m³

Tipping Load - Straight (ISO 14397-1:2007)	9,796 kg
Tipping Load - Full Turn (ISO 14397-1:2007)	8,469 kg
Bucket Breakout Force	128 kN
A Maximum Hinge Pin Height	3,998 mm
B Dump Clearance at Full Height Discharge	2,826 mm
C Dump Reach at Full Height Discharge	1,096 mm
D Maximum Digging Depth, Bucket Level	135 mm
S ₁ Rollback at Ground Level	42°
S ₂ Bucket Rollback at Carry	47°
S ₃ Bucket Rollback at Maximum Height	63°
S ₄ Maximum Dump Angle at Full Height	45°

BUCKET PERFORMANCE

Reference Bucket	2.1-4.0 m³
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DIMENSIONS

E Ground Clearance	400 mm
G Wheelbase	3,050 mm
H Cab Height	3,382 mm
J Wheel Tread	1,950 mm
K Width over Tires	2,470 mm
L Length with Bucket Down	7,924 mm
M Turn Angle, Either Side	40°
P Rear Angle of Departure	27°
R ₁ Turning Radius, Bucket Carry	6,191 mm
R ₂ Turning Radius, Outside of Tire	5,395 mm
W Width over Bucket	2,700 mm

TIRES

Tire Size	20.5R25
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OPERATING WEIGHTS

Operating Weight	15,150 kg
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SERVICE CAPACITY

Fuel Tank	240 L
Engine Oil	20 L
DEF Tank	35 L
Cooling System	44 L
Hydraulic System	154 L
Transmission and Torque Converter	40 L
Axles, Front / Rear	33 L / 33 L

