



Engine

Make and Model Cummins N14
 Max Horsepower 335 @ 2100 RPM
 Max Torque 1010 Ft-Lbs @ 1400 rpm
 Bore and Stroke 5.5" x 6"
 No. of Cylinders 6
 Displacement 855 Cu-In (14.0 liters)

Air Cleaner

Two Stage Dry Type

Electrical System

Type 24 Volt Negative Ground/24 Volt Start
 Alternator 100 AMP
 Batteries (2) 12 Volt-8D @ 205 AMP Hr. each

Torque Converter

Clark 8000 Series, Stall Ratio 2.54:1

Transmission

Clark 5000 Series Power Shift; 4 Speeds Fwd/Rev

Speeds:	Unloaded	Loaded
1	3.3 mph (5.3 km/h)	3.3 mph (5.3 km/h)
2	5.9 mph (9.5 km/h)	5.9 mph (9.5 km/h)
3	10.5 mph (16.8 km/h)	10.0 mph (16.0 km/h)
4	18.9 mph (30.4 km/h)	13.6 mph (21.8 km/h)

Axles

Model (Bogie) Clark 25D Wheel Ends
 Model (Chassis) Clark 21D4354 with Posi-Torque
 Type Planetary
 Brakes (Chassis) Wet Disc
 Brakes (Bogie) Dry Disc (Dual Caliper)

Tires

Front (Bogie) 30.00 x 51 Bias
 Rear (Chassis) 29.5 x 29 Radial

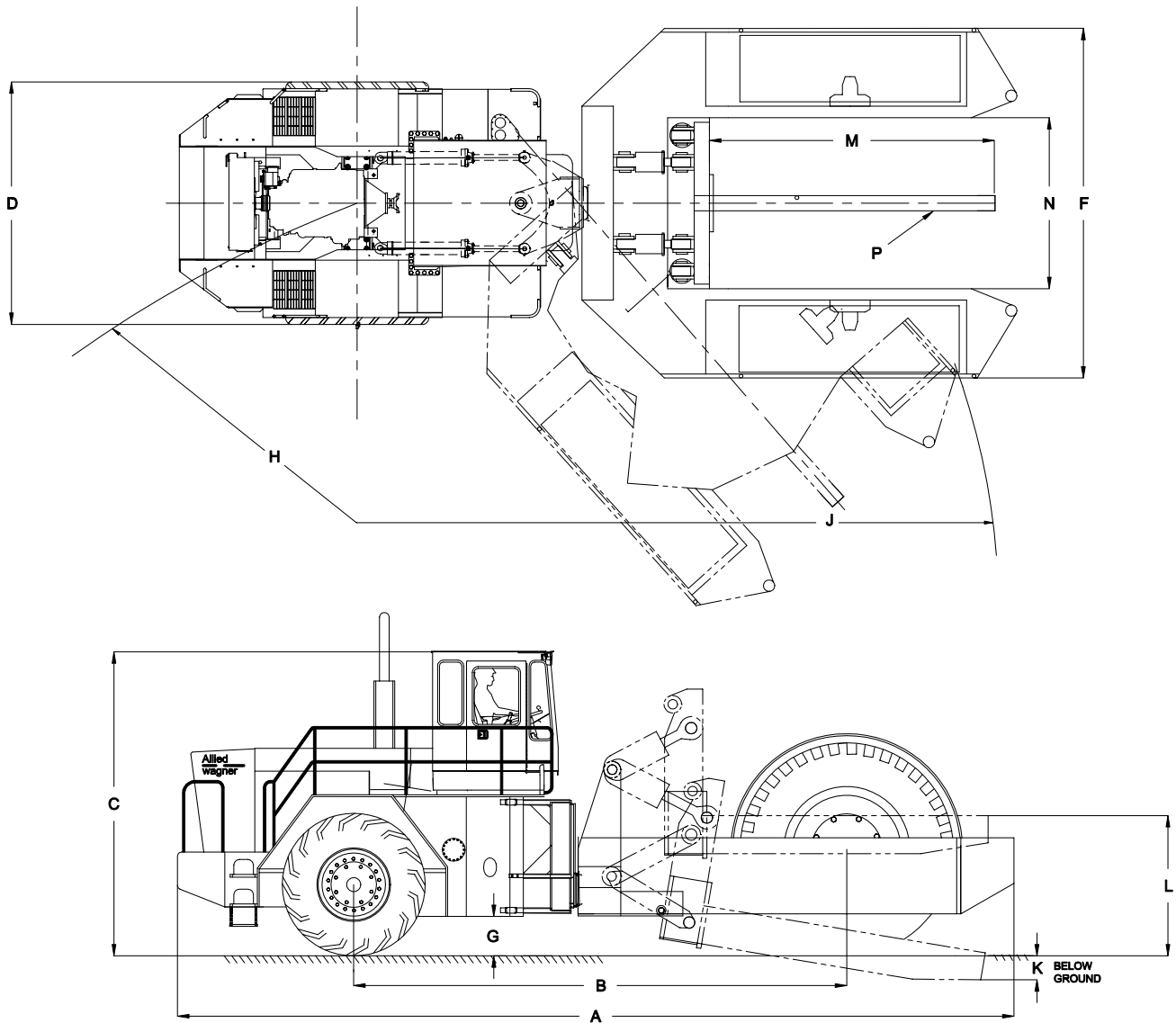
Hydraulic System

Steering Pump 70 gpm
 Implement Pump 50 gpm
 Tilt Cylinder (2) 11" X 15.25" (279mm x 387mm)
 Hoist Cylinder (2) 8" x 44" (203mm x 1118mm)
 Steering Cylinder (2) 6" x 32" (152mm x 813mm)

Service Refill Capacities

Fuel Tank 295 Gals (1116 liters)
 Hydraulic Oil 160 Gals (605 liters)
 Crankcase w/Filter 11 Gals (41 liters)
 Cooling System 22 Gals (83.3 liters)

CP120



Dimensions (approximate)

A. Overall Length	35' 6" (10,820mm)
B. Wheelbase	20' 6" (6,248mm)
C. Cab Height	13' 4" (4,064mm)
D. Outside Chassis Width (Tires)	10' 10" (3,302mm)
F. Outside Bogie Width	15' 1" (4,597mm)
G. Ground Clearance (Chassis)	21" (533mm)
H. Turning Radius - Centerline Machine	26' 6" (8,077mm)
J. Outside Turning Radius	34' 6" (10,515mm)
K. Probe Lowered Position (Below Ground)	9" (228mm)
L. Probe Height (Raised)	64" (1,626mm)
M. Probe Length	126" (3,200mm)
N. Inside Opening	88" (2,235mm)
P. Probe Diameter	20" (508mm)

Weights and Functions (approximate)

Unit Weight	103,000 lbs (46,267 kg)
Bogie End	55,500 lbs (25,175 kg)
Chassis End	47,500 lbs (21,546 kg)
Articulation	48° each way
Oscillation	7° each way
Rated Lift Capacity @ 63" LC	60 tons

wagner

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