



### Engine

Make and Model ..... Caterpillar 3406E  
 Max Horsepower ..... 360 @ 2100 RPM  
 Max Torque ..... 1080 Ft-Lbs @ 1400 rpm  
 Bore and Stroke ..... 5.4" x 6.5"  
 No. of Cylinders ..... 6  
 Displacement ..... 893 Cu-In (14.6 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 6000 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 (Triple Caliper)

### Tires

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

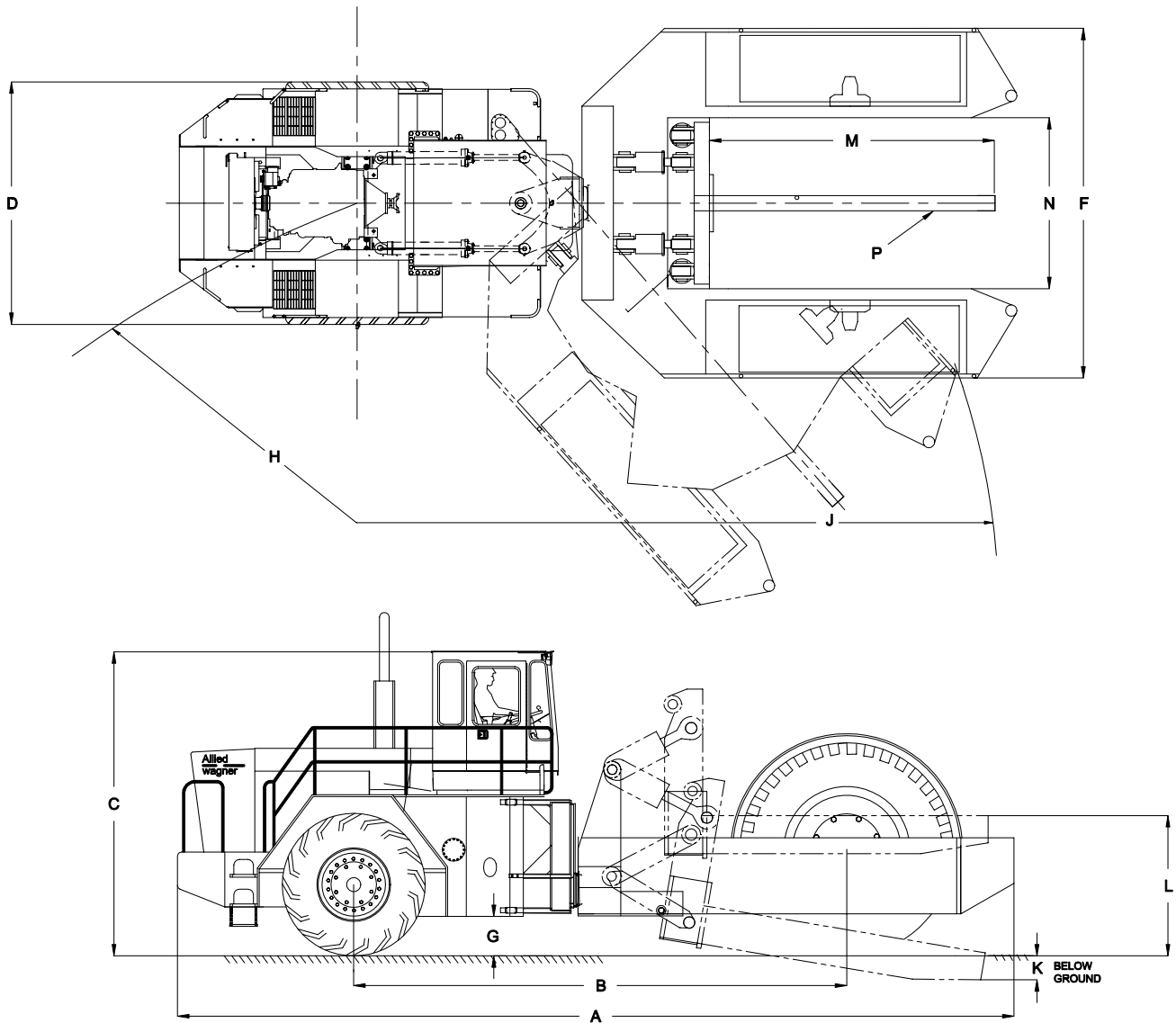
### Hydraulic System

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 ..... 14.5 Gals (55 liters)

# CP160



## Dimensions (approximate)

A. Overall Length .....	36' 7" (11,151mm)
B. Wheelbase .....	21' 7" (6579mm)
C. Cab Height .....	13' 4" (4064mm)
D. Outside Chassis Width (Tires) .....	10' 10" (3302mm)
F. Outside Bogie Width .....	15' 4" (4674mm)
G. Ground Clearance (Chassis) .....	21" (533mm)
H. Turning Radius - Centerline Machine .....	22' 8" (6909mm)
J. Outside Turning Radius .....	31' 9" (9677mm)
K. Probe Lowered Position (Below Ground) .....	9" (228mm)
L. Probe Height (Raised) .....	64" (1626mm)
M. Probe Length .....	150" (3810mm)
N. Inside Opening .....	90" (2286mm)
P. Probe Diameter .....	20" (508mm)

## Weights and Functions (approximate)

Unit Weight .....	107,500 lbs	(48,762 kg)
Bogie End .....	58,500 lbs	(26,536 kg)
Chassis End .....	49,000 lbs	(22,226 kg)
Articulation .....	48° each way	
Oscillation .....	7° each way	
Rated Lift Capacity @ 75" LC .....	80 tons	

# wagner

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