



### Engine

Make and Model ..... Cummins QSX-19  
 Max Horsepower ..... 600 @ 2100 RPM  
 Max Torque ..... 1950 Ft/Lbs @ 1300 RPM  
 Bore and Stroke ..... 6.25" x 6.25"  
 No. of Cylinders ..... 6  
 Displacement ..... 1150 Cu/In (19 liters)

### Air Cleaner

Donaldson Two Stage Dry Type

### Electrical System

Type ..... 24 Volt Negative Ground/24 Volt Start  
 Alternator ..... 100 AMP  
 Circuit Breakers (lights) ..... 30 AMP  
 Circuit Breakers (accessory) ..... 20 AMP  
 Batteries (2) ..... 12 Volt-8D @ 205 AMP Hr. each

### Torque Converter

Clark 16000 Series Single Stage, 3 Elements - Stall Torque Ratio 2.83:1

### Transmission

Clark 8000 HD Series Power Shift, Modulated - Spur Gear; 4 Speeds Fwd/Rev with 1:118 Converter Ratio

Range	Ratio	Speed (Unladen)
1.....	4.07:1	4.1 mph (6.6 km/h)
2.....	2.27:1	7.2 mph (11.5 km/h)
3.....	1.29:1	12.2 mph (19.6 km/h)
4.....	0.71:1	21.1 mph (33.9 km/h)

### Axles

Make ..... Clark  
 Model (Chassis) ..... 25D Posi-Torque  
 Model (Bogie) ..... 25D Posi-Torque  
 Type ..... Planetary  
 Brakes ..... Hydraulic Wet Disc  
 Carrier Ratio ..... 4.857:1  
 Planetary Ratio ..... 5.368:1  
 Total Reduction ..... 26.072:1

### Tires

Size ..... 37.25 x R35 Radial  
 Hydroflation: Weight Each Tire ..... 4500 lbs  
 All Tires Are Hydroflated

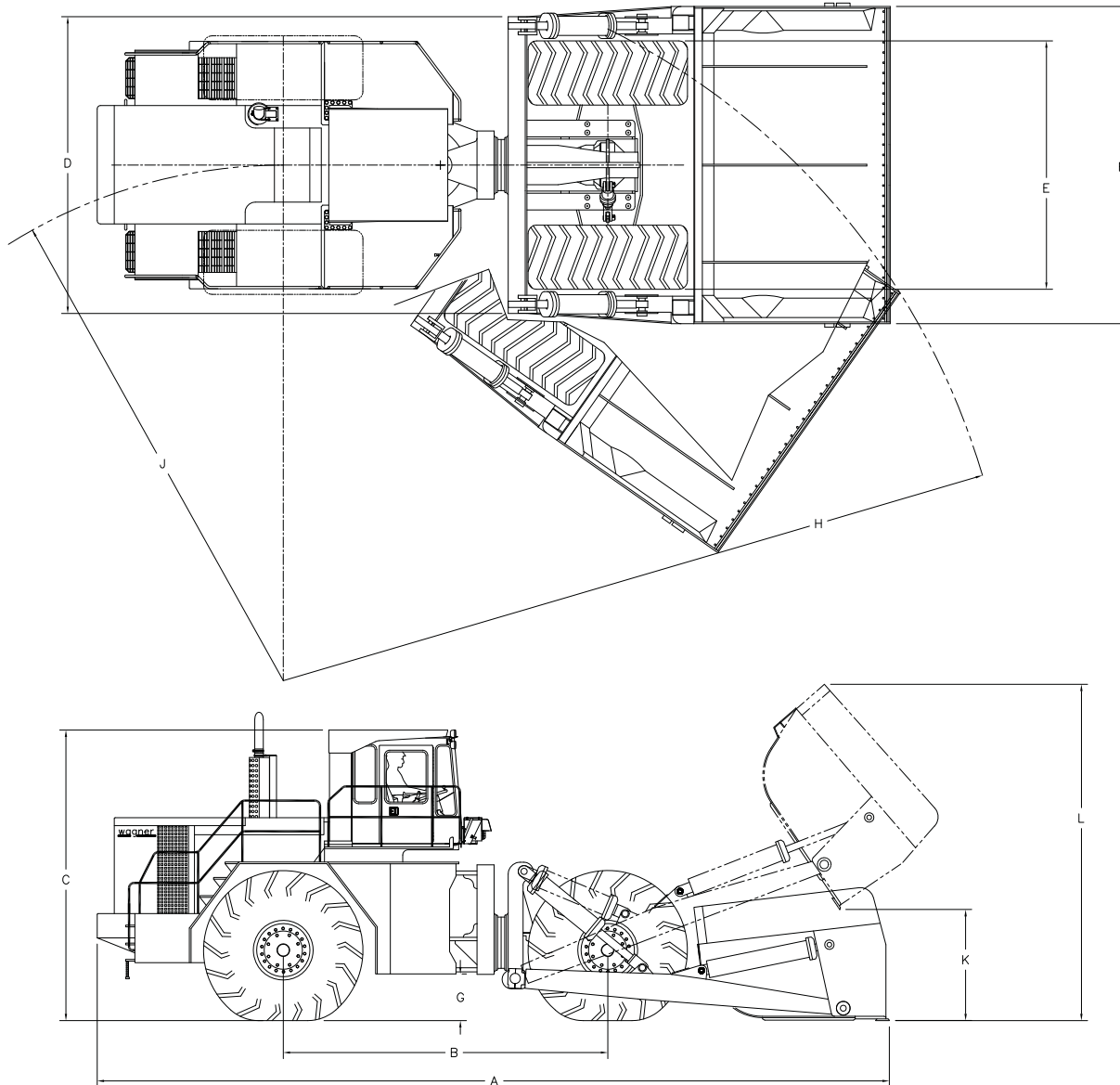
### Hydraulic System

Steering ..... 70 GPM @ 2100 Engine RPM  
 Hoist ..... 70 GPM @ 2100 Engine RPM  
 Dump ..... 140 GPM @ 2100 Engine RPM  
 Side Tilt ..... 10 GPM @ 2100 Engine RPM  
 Steering Cylinder (2) ..... 6" x 32" (152mm x 813mm)  
 Dump Cylinder (2) ..... 6" x 36" (152mm x 2718mm)  
 Hoist Cylinder (2) ..... 9" x 41" (229mm x 1041mm)  
 Side-Tilt Cylinder (Optional) (1) ..... 6" x 5" (152mm x 127mm)

### Service Refill Capacities

Fuel Tank ..... 295 Gals (1117 liters)  
 Hydraulic Oil ..... 160 Gals (606 liters)  
 Crankcase (Refill) ..... 14.5 Gals (55 liters)  
 Cooling System ..... 25 Gals (95 liters)

# CD1200



## Dimensions (approximate)

A. Overall Length .....	38' 8" (11,786mm)	Ground Clearance (Differential) .....	2' 1" (635mm)
B. Wheelbase .....	15' 10" (4,826mm)	H. Turning Radius - Outside Bucket.....	35' 7" (1,0846mm)
C. Height to Top of Cab .....	14' 2" (4,318mm)	J. Turning Radius - Centerline Mach.....	26' 4" (8,026mm)
D. Outside Chassis Width (Tires).....	12' 7" (3,835mm)	K. Maximum Dump Height.....	5' 5" (1,651 mm)
E. Outside Bogie Width (Tires) .....	12' 1" (3,683mm)	L. Maximum Height in Dump Position .....	16' 5" (5,004mm)
F. Bucket Width .....	15' 6" (4,724mm)		
G. Ground Clearance (Chassis).....	2' 3" (686mm)		

## Weights and Functions (approximate)

Unit Weight/Hydroflation.....	125,000 lbs	(56,699 kg)	Bucket Lift & Carry Capacity .....	27 cu/yd	(20.6 cu/m)
Bogie End/Hydroflation.....	75,000 lbs	(34,019 kg)	Articulation.....	35° each way	
Chassis End/Hydroflation .....	50,000 lbs	(22,680 kg)	Oscillation.....	15° each way	
Dump Angle at Maximum Height.....	55°		Maximum Bucket Forward Tip.....	81°	
Bucket Push & Carry Capacity .....	55 cu/yd	(42 cu/m)	Side Tilt.....	6° each way from horizontal	

# wagner

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**OPTIONAL EQUIPMENT:** Standard and special options are available. Contact your Wagner dealer for details.