



Engine

Make and Model Cummins
 Max Horsepower 400 @ 2100 RPM
 Max Torque 1400 Ft/Lbs @ 1400 RPM
 Bore and Stroke 4.9" x 5.8" (125 x 147 mm)
 No. of Cylinders 6
 Displacement 11 liters
 Optional Engine Caterpillar 440 HP @ 13 liters

Air Cleaner

Extreme duty with Precleaner

Electrical System

Type 24 Volt Negative Ground/24 Volt Start
 Alternator 100 AMP
 Circuit Breakers (lights) 30 AMP
 Circuit Breakers (accessory) 17 AMP
 Batteries (2) 12 Volt-8D @ 205 AMP Hr. each

Torque Converter

Flexplate drive separate from transmission

Transmission

Modulated Shift, 4 Speeds Fwd/Rev

Range	Speed (Unladen)
1.....	3.0 mph (4.8 km/h)
2.....	5.8 mph (9.3 km/h)
3.....	10.0 mph (16.0 km/h)
4.....	17.0 mph (27.0 km/h)

Axles

Model (Chassis) No Spin with Brake
 Model (Bogie) Posi-Torque (No Brake)
 Brakes Liquid Cooled/Wet Disc
 Total Reduction 29.330:1

Tires

Size 29.5 x 25 Radial
 Hydroflation: Weight Each Tire 4500 lbs (2041 kg)
 All Tires Are Hydroflated

Hydraulic System

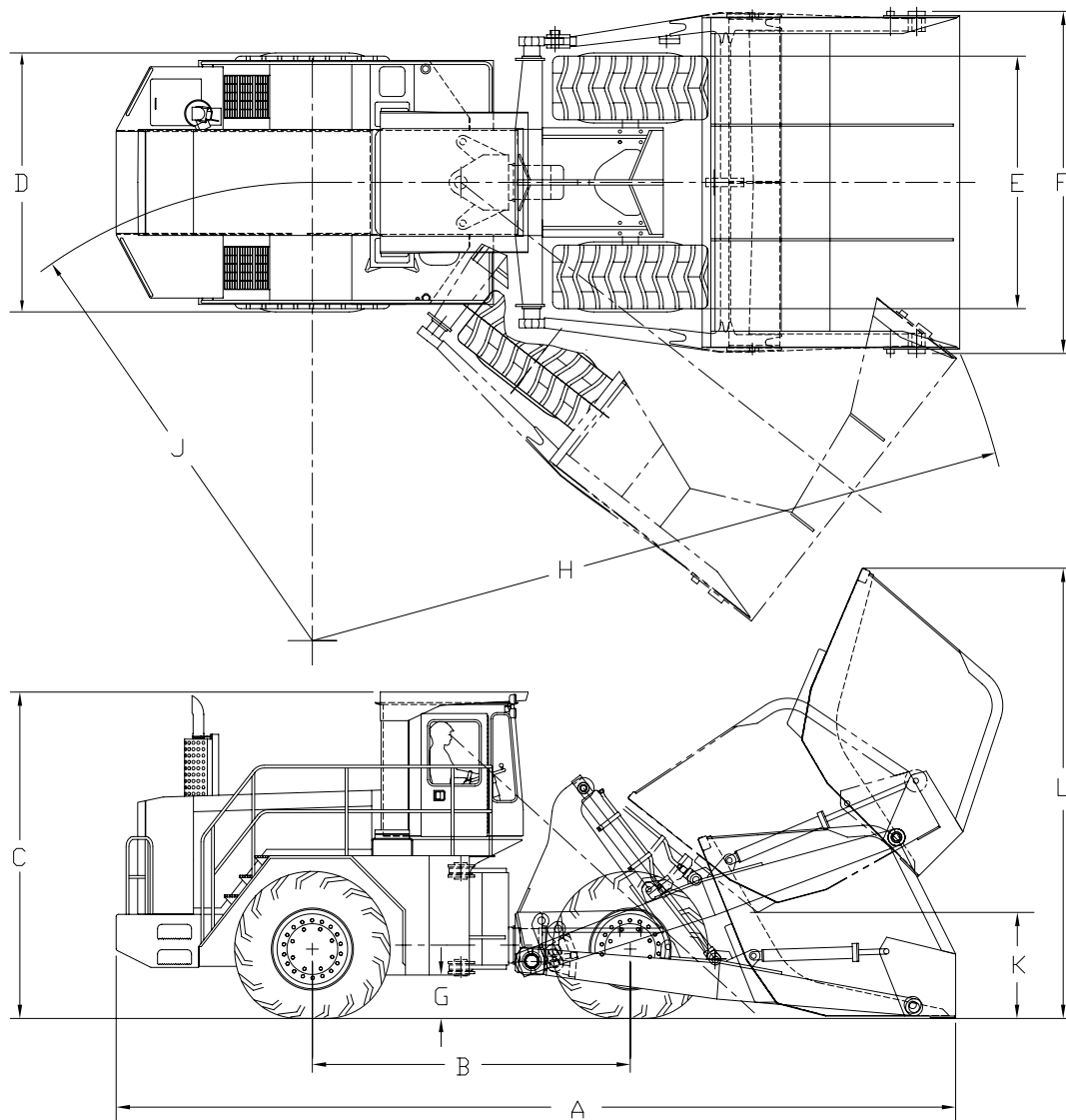
Hydraulic Pumps Fixed Displacement
 Steering Cylinder (2) 5" x 24.1" (127 x 612 mm)
 Dump Cylinder (2) 5" x 36.5" (127 x 927 mm)
 Hoist Cylinder (2) 8" x 35.7" (203 x 907 mm)
 Side-Tilt Cylinder (Optional) 6" x 19" (152 x 483 mm)
 High Pressure and Return Filters

Service Refill Capacities

Fuel Tank 180 Gals (681 liters)
 Hydraulic Oil 180 Gals (681 liters)
 Crankcase (Refill) 11 Gals (42 liters)
 Cooling System 14.5 Gals (55 liters)

Purpose-Built Carrydozers

CHD60



Dimensions (approximate)

A. Overall Length	33' 2" (10109 mm)	G. Ground Clearance (Chassis).....	1' 6" (457 mm)
B. Wheelbase	12' 5" (3785 mm)	Ground Clearance (Differential)	1' 8" (508 mm)
C. Height to Top of Cab	12' 10" (3912 mm)	H. Turning Radius - Outside Bucket.....	27' 10" (8484 mm)
D. Outside Chassis Width (Tires).....	10' 4" (3150 mm)	J. Turning Radius - Centerline Mach.....	19' 0" (5791 mm)
E. Outside Bogie Width (Tires)	10' 4" (3150 mm)	K. Maximum Dump Height.....	4' 2" (1270 mm)
F. Bucket Width	13' 4" (4064 mm)	L. Maximum Height in Dump Position	17' 8" (5385 mm)

Weights and Functions (approximate)

Unit Weight/Hydroflation.....	83,400 lbs	(37,800 kg)	Articulation.....	38° each way
Bogie End/Hydroflation.....	49,200 lbs	(22,300 kg)	Oscillation.....	15° each way
Chassis End/Hydroflation	34,200 lbs	(15,500 kg)	Maximum Bucket Forward Tip.....	78°
Bucket Push & Carry Capacity	60 cu/yd	(45.9 cu/m)	Side Tilt (Optional).....	6° each way from horizontal
Bucket Lift & Carry Capacity	30 cu/yd	(22.9 cu/m)		
Dump Angle at Maximum Height.....	60°			

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

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