

# Wagner

A Division of Allied Systems Company

# CD-600

# COAL CARRYDOZER



## Engine

Make and Model ..... Cummins N14-C360  
Max Horsepower ..... 360 @ 2100 RPM  
Max Torque ..... 1215 Ft/Lbs @ 1400 RPM  
Bore and Stroke ..... 5.5" x 6.5"  
No. of Cylinders ..... 6  
Displacement ..... 855 Cu In / 14.0 L

## Air Cleaner

Farr Air Filter and Donaldson Precleaner

## Electrical System

Type ..... 24 Volt Start / Run  
Alternator ..... 100 AMP  
Circuit Breakers (lights) ..... 35 AMP  
Circuit Breakers (accessory) ..... 17 AMP  
Batteries (2) ..... 12 Volt-8D @ 205 AMP Hr. each

## Torque Converter

Clark 8000 ..... Stall Ratio 2.54:1

## Transmission

Clark 6000 Modulated, 4 Speeds Fwd/Rev

Range	Ratio	Speed (Unladen)
1.....	4.393:1	3.0 mph (4.8 km/h)
2.....	2.454:1	5.8 mph (9.3 km/h)
3.....	1.385:1	10.0 mph (16.0 km/h)
4.....	0.774:1	17.0 mph (27.0 km/h)

## Axles

Make ..... Clark 21D3847  
Model (Chassis) ..... No Spin with LCB25150 Brake  
Model (Bogie) ..... Posi-Torque  
Type ..... Planetary  
Brakes ..... Liquid Cooled/Wet Disc  
Brake Size ..... 5 Disk x 2 Wheels  
Carrier Ratio ..... 6.286:1  
Planetary Ratio ..... 4.667:1  
Total Reduction ..... 29.330:1

## Tires

Size ..... 29.5 x 25 Radial  
Hydroflation: Weight Each Tire ..... 4500 lbs  
All Tires Are Hydroflated

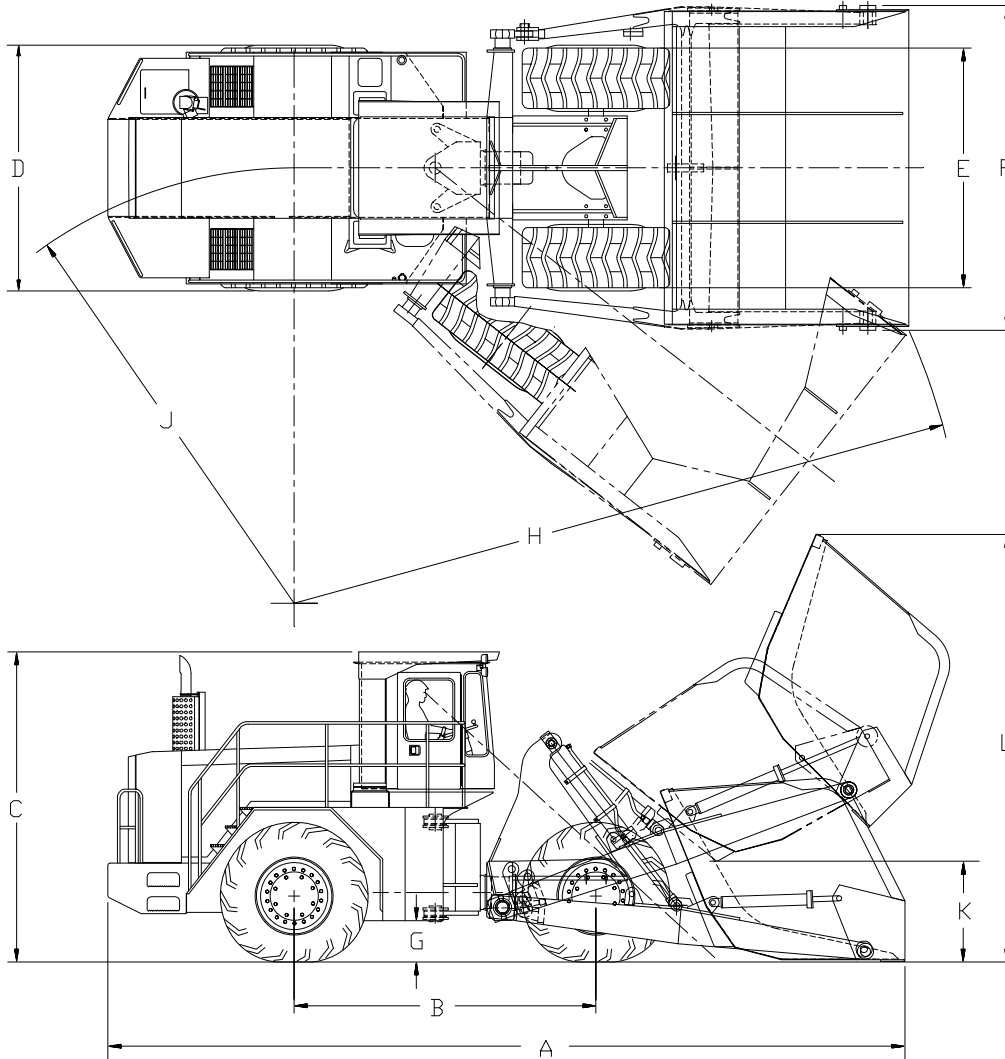
## Hydraulic System

Hydraulic Pumps ..... 70/12.6 & 70/11.5 GPM @ 2200 Engine RPM  
Steering Cylinder (2) ..... 5" x 24.1"  
Dump Cylinder (2) ..... 5"x36.5"  
Hoist Cylinder ..... 8"x35.7"  
Side-Tilt Cylinder (Optional) ..... 6" x 19"

## Service Refill Capacities

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

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## Dimensions (approximate)

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

## 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 .....	30 cu/yd (38.2 cu/m)	Slide Tilt (Optional) .....	.6" each way from horizontal
Bucket Lift & Carry Capacity .....	15 cu/yd (19.1 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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