



Engine

Make and Model Cummins QSX-15
 Max Horsepower 535 @ 2100 RPM
 Max Torque 1800 Ft/Lbs @ 1400 RPM
 Bore and Stroke 5.4" x 6.7"
 No. of Cylinders 6
 Displacement 915 Cu/In (15 liters)
 Option: Caterpillar 540hp C-15 Electronic

Air Cleaner

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

Engine Mounted With Pump Drives

Hydraulic System

Load Sense

Transmission

Selectable, Automatic Power Shift; 4 Speeds FWD/REV

Range	Ratio	Speed (Unladen)
1	4.07:1	3.3 mph (5.3 km/h)
2	2.27:1	6.0 mph (9.7 km/h)
3	1.29:1	10.3 mph (16.6 km/h)
4	0.71:1	18.0 mph (29.0 km/h)

Axles

Chassis No Spin w/Brakes
 Bogie Limited Slip w/o Brakes
 Type Double Planetary Reduction
 Brakes Hydraulic Wet Disc

Tires

Size 29.5R29 Radials
 Hydroflation: Weight Each Tire 2386 lbs
 All Tires Are Hydroflated

Service Refill Capacities (approximate)

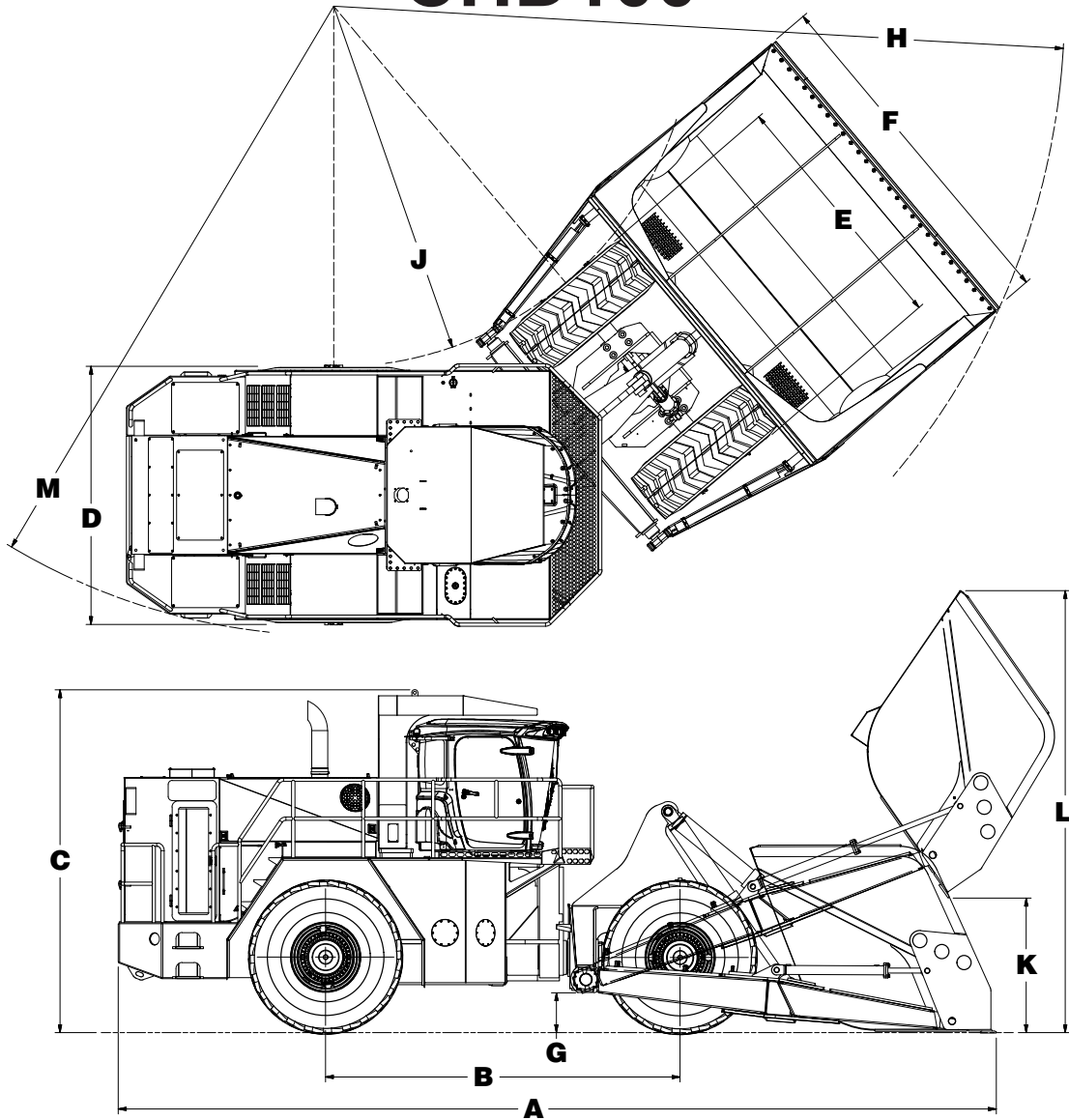
Fuel Tank 295 Gals (1,117 liters)
 Hydraulic Oil 277 Gals (1,048 liters)
 Crankcase (Refill) 12.6 Gals (48 liters)
 Cooling System 18 Gals (68 liters)

Purpose-Built Carrydozers



MADE IN USA

CHD100



Dimensions (approximate)

A. Overall Length	36' 7" (11,143 mm)	H. Turning Radius - Outside Bucket, 80 cu/yd.....	30' 5" (9,282 mm)
B. Wheelbase	14' 9" (4,506 mm)	H. Turning Radius - Outside Bucket, 100 cu/yd.....	32' 1" (9,779 mm)
C. Height to Top of ROPS (roll over protection structure)	14' 4" (4,381 mm)	J. Turning Radius - Inside, 80 and 100 cu/yd.....	15' 1" (4,589 mm)
D. Outside Chassis Width (Tires).....	10' 10" (3,301 mm)	K. Maximum Dump Height.....	5' 8" (1,735 mm)
E. Outside Bogie Width (Tires)	10' 6" (3,208 mm)	L. Maximum Height in Dump Position	18' 6" (5,648 mm)
F. Bucket Width 80 cu/yd.....	14' 6" (4,416 mm)	M. Tailswing Radius.....	26' 3" (7,996 mm)
F. Bucket Width 100 cu/yd.....	16' 11" (5,160mm)		
G. Ground Clearance	1' 9" (533 mm)		

Weights and Functions (approximate)

Unit Weight/Hydroflotation.....	93,550 lbs (42,434 kg)
Bogie End/Hydroflotation.....	51,400 lbs (23,315 kg)
Chassis End/Hydroflotation	42,150 lbs (19,119 kg)
Dump Angle at Maximum Height.....	54°
Bucket Push & Carry Capacity	80 cu/yd (61 cu/m)
Bucket Push & Carry Capacity	100 cu/yd (76.5 cu/m)

Bucket Lift & Carry Capacity 80 cu/yd	40 cu/yd(30.6 cu/m)
Bucket Lift & Carry Capacity 100 cu/yd.....	50 cu/yd(38.2 cu/m)
Articulation.....	40° each way
Oscillation	15° each way
Maximum Bucket Forward Tip.....	77°
Side Tilt.....	6° each way from horizontal

OPTIONAL EQUIPMENT

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

Wagner

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Where general information, pictures and descriptions are provided, some illustrations and specifications may require options not shown in the picture or included in the description. Specifications are subject to change without notice or obligation. Please consult your dealer for details.