



Engine

Make and ModelCummins QSX15 Electronic @ 400 HP
 Max Horsepower 400 @ 2100 RPM
 Max Torque 1215 Ft/Lbs @ 1400 RPM
 Bore and Stroke 5.4" x 6.7"
 No. of Cylinders 6
 Displacement 912 Cu/In (15 liters)
 Optional Engine Caterpillar C15 @ 400 HP

Air Cleaner

Two Stage Dry Type with Restriction Indicator

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 8000 Series Single Stage, 3 Elements

Transmission

Clark 6000 Series Power Shift - Spur Gear; 4 Speeds Fwd/Rev

Range	Ratio	Speed (Unladen)
1.....	4.09:1	4.4 mph (7.1 km/h)
2.....	2.27:1	7.6 mph (12.2 km/h)
3.....	1.29:1	12.7 mph (20.4 km/h)
4.....	0.72:1	Blocked

Axles

Fabricated Housing Allied Wagner
 Make Clark
 Model (Chassis)..... Dana 25D Series
 Type Planetary
 Brakes Hydraulic Disc
 Brake Size 32" Diameter (813mm)

Tires

Size (Front)..... 33.5 x 33-44PR
 Size (Rear) 23.5 x 25-20PR
 Size (Front Optional Duals) 21.0 x 35-36PR

Hydraulic System

"Power Beyond" hydraulics with total capacity of all pumps in the system for multiple use simultaneously. Function controls are air over hydraulic or optional hydraulic over hydraulic.

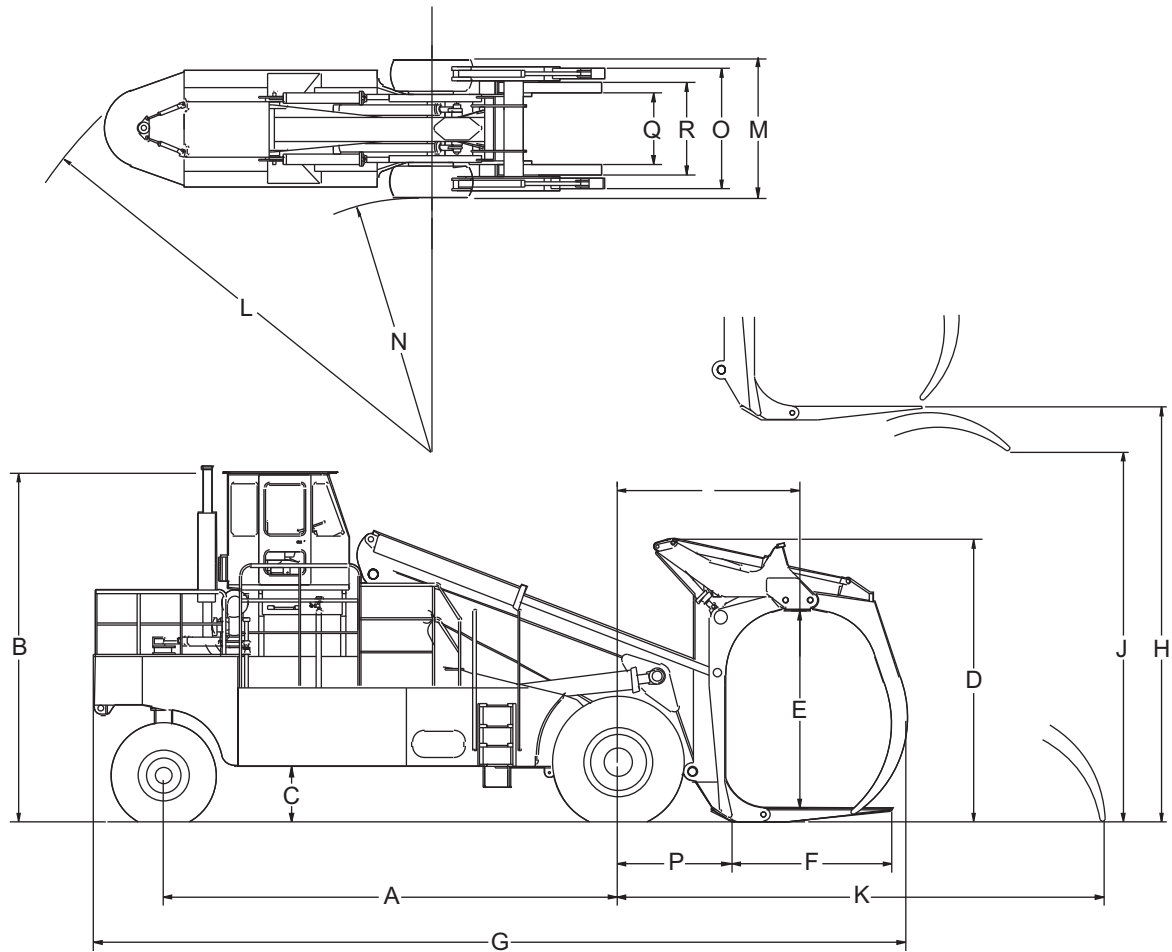
Steering Cylinder (2)..... 4" x 20" (102mm x 508mm)
 Hoist Cylinder (2)..... 10" x 112" (254mm x 2845mm)
 Tilt Cylinder (2) 10" x 70" (254mm x 1778mm)
 Holddown Cylinder (2) 5" x 33" (127mm x 835mm)
 Kickoff Cylinder (2) 5" x 22" (127mm x 559mm)

Service Refill Capacities

Fuel Tank 450 Gals (1703 liters)
 Hydraulic Oil 334 Gals (1264 liters)
 Crankcase w/Filter 11 Gals (49 liters)
 Cooling System 18 Gals (68 liters)

Purpose-Built Log Handlers

L80F



Dimensions (approximate)

A. Wheelbase	23' 0" (7010mm)	K. Distance from Axle to Holddown Tip for Reach	24' 4" (7417mm)
B. Height to Top of Cab	18' 0" (5486mm)	L. Turning Radius Tail Swing	33' 6" (10212mm)
C. Ground Clearance Chassis	2' 8" (813mm)	M. Width Outside Chassis Tires	15' 3" (4663mm)
D. Carriage Height	14' 8" (4470mm)	N. Inside Turning Radius.....	12' 9" (3886mm)
E. Mouth Opening	10' 0" (3048mm)	O. Carriage Width	11' 1" (3378mm)
F. Tine Length	8' 6" (2591mm)	P. Axle to Face of Carriage - Hoist Down	8' 4" (2540mm)
G. Overall Length	40' 6" (12344mm)	Q. Width Inside of Tines	6' 5" (1956mm)
H. Ground to Fork-Hoist Up	18' 0" (5486mm)	R. Width Outside of Tines	7' 10" (2388mm)
J. Ground to Holddown Tip Carriage Down/Holddown Up	16' 8" (5080mm)	S. Axle Centerline to Load Center	12' 4" (3759mm)

Weights and Functions (approximate)

Unit Weight	132,000 lbs (59,875 kg)	Forward Tilt @ Max Height.....	20°
Drive End.....	83,000 lbs (37,649 kg)	Backward Tilt @ Ground Level.....	17°
Tail End.....	49,000 lbs (22,226 kg)	Backward Tilt @ Max Height	53°
Rated Lift Capacity 48" Load Center	80,000 lbs (36,288 kg)		
Forward Tilt @ Ground Level	47°		

wagner

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