



Engine

Make and ModelCaterpillar C-15
 Max Horsepower 400 @ 2100 RPM
 Max Torque 1700 Ft/Lbs @ 1500 RPM
 Bore and Stroke 5.4" x 6.5"
 No. of Cylinders 6
 Displacement 893 Cu/In (15 liters)

Air Cleaner

Two Stage Dry Type

Electrical System

Type24 Volt Start/24 Volt Run
 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 Single Stage, 3 Elements

Transmission

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

Range	Ratio	Speed (Unladen)
1.....	4.39:1	3.9 mph (6.3 km/h)
2.....	2.45:1	6.7 mph (10.8 km/h)
3.....	1.38:1	11.4 mph (18.3 km/h)
4.....	0.77:1	Blocked

Axles

Fabricated Housing Allied Wagner
 Make Clark
 Model (Chassis).....FD-75850 Series
 Model (Bogie)FD-75720 Series
 Type.....Planetary
 Brakes Air over Hydraulic Disc
 Chassis..... 1" x 32" Diameter (25mm x 940mm)
 Bogie None

Tires

Size (Front)..... (Dual) 21.00 x 35
 Size (Rear) (With Dual Front) 29.50 x 29

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)..... 5" x 32" (127mm x 813mm)
 Hoist Cylinder (2).....10" x 112" (254mm x 2845mm)
 Tilt Cylinder (2) 10" x 70" (254mm x 1778mm)
 Holddown Cylinder (2).....5" x 46" (127mm x 1168mm)
 Kickoff Cylinder (2) 5" x 22" (127mm x 559mm)

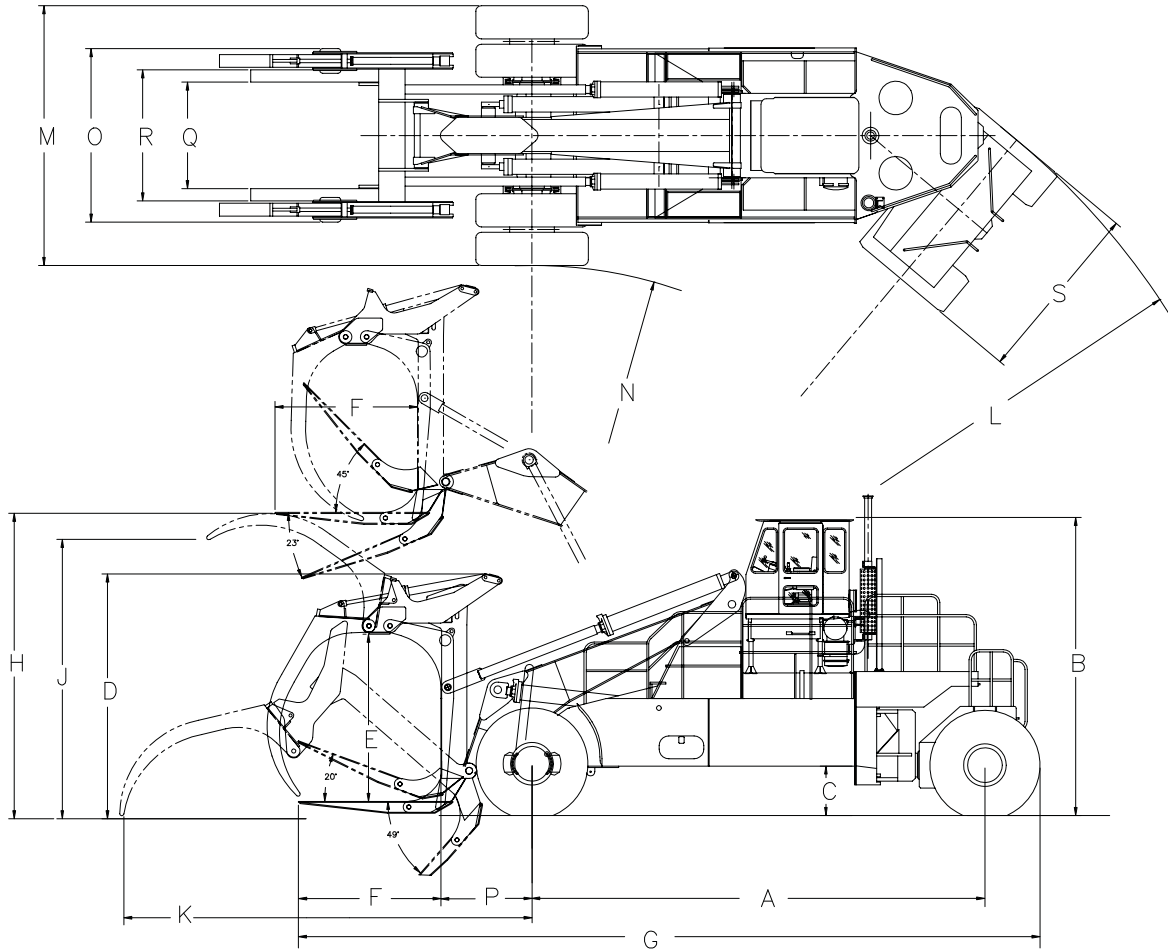
Service Refill Capacities

Fuel Tank 450 Gals (1703 liters)
 Hydraulic Oil 334 Gals (1264 liters)
 Crankcase w/Filter 11 Gals (49 liters)
 Cooling System 22.5 Gals (85 liters)

Purpose-Built Log Handlers



L480F



Dimensions (approximate)

A. Wheelbase	27' 0" (8230mm)	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	44' 11" (136912mm)
C. Ground Clearance Chassis	2' 8" (813mm)	M. Width Outside Chassis Tires	15' 6" (4724mm)
D. Carriage Height	14' 8" (4470mm)	N. Inside Turning Radius	26' 11" (8204mm)
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	9' 5" (2870mm)
G. Overall Length	44' 2" (13462mm)	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. Width Outside of Bogie Tires	10' 10" (3302mm)

Weights and Functions (approximate)

Unit Weight	132,000 lbs (59,928 kg)	Forward Tilt @ Max Height	23°
Drive End	83,000 lbs (37,682 kg)	Backward Tilt @ Ground Level	20°
Tail End	49,000 lbs (22,246 kg)	Backward Tilt @ Max Height	45°
Rated Lift Capacity 48" Load Center	80,000 lbs (36,320 kg)		
Forward Tilt @ Ground Level	49°		

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