

# Wagner

A Division of Allied Systems Company

# L80F



## Engine

Make and Model ..... Caterpillar C15 Electronic  
 Max Horsepower ..... 400 @ 2100 RPM  
 Max Torque ..... 1450 Ft/Lbs @ 1400 RPM  
 Bore and Stroke ..... 5.4" x 6.5"  
 No. of Cylinders ..... 6  
 Displacement ..... 893 Cu/In (15 liters)  
 Optional Engine ..... Cummins QSX15 Electronic

## 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) ..... 70000 Series  
 Type ..... Planetary  
 Brakes ..... Air over 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

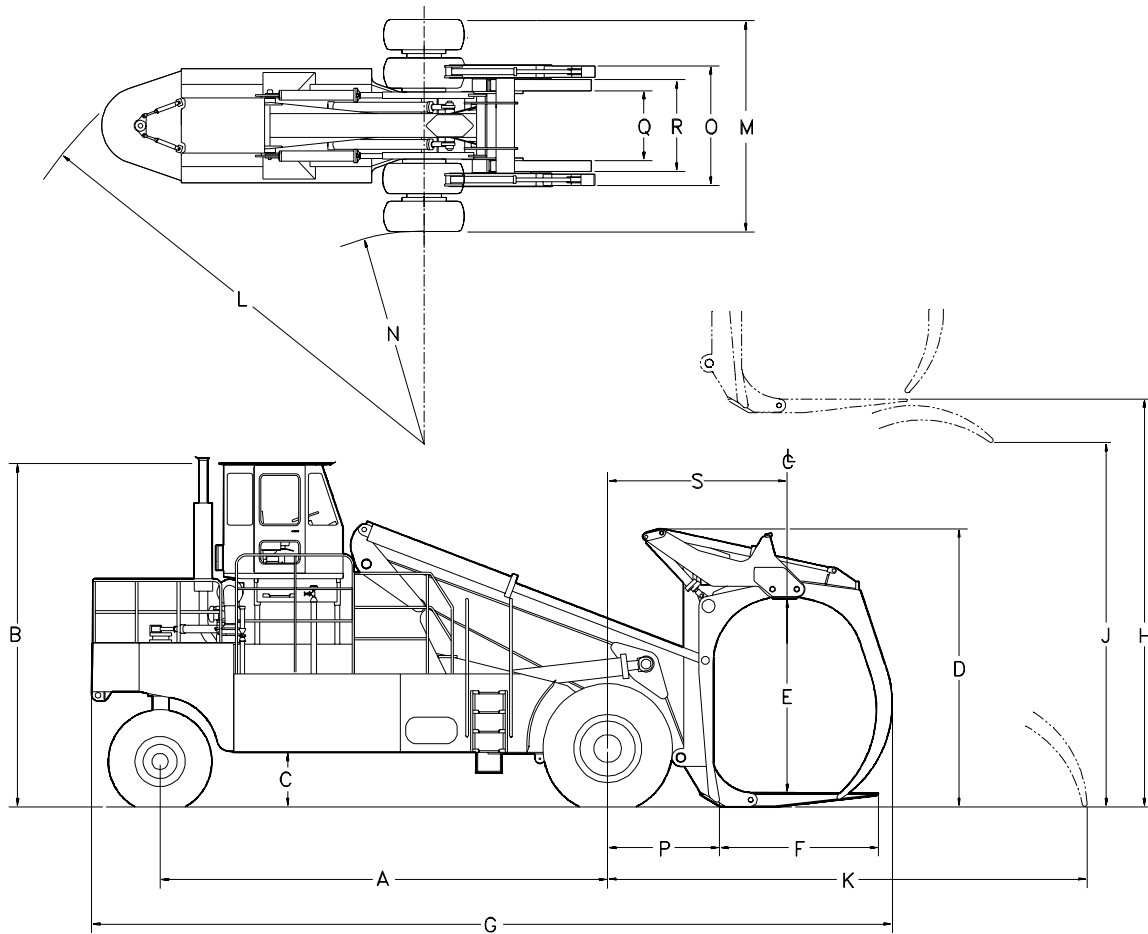
"Power Beyond" hydraulics with total capacity of all pumps in the system for multiple use simultaneously. Function controls are air over hydraulic or optional hydraulic over hydraulic.

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)

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## Dimensions (approximate)

A. Wheelbase .....	23' 0" (7010mm)	K. Distance from Axle to Holddown	
B. Height to Top of Cab .....	18' 0" (5486mm)	Tip for Reach .....	24' 4" (7417mm)
C. Ground Clearance Chassis .....	2' 8" (813mm)	L. Turning Radius Tail Swing .....	33' 6" (10212mm)
D. Carriage Height .....	14' 8" (4470mm)	M. Width Outside Chassis Tires .....	16' 6" (5029mm)
E. Mouth Opening .....	10' 0" (3048mm)	N. Inside Turning Radius .....	12' 9" (3886mm)
F. Tine Length .....	8' 6" (2591mm)	O. Carriage Width .....	11' 1" (3378mm)
G. Overall Length .....	40' 6" (12344mm)	P. Axle to Face of Carriage - Hoist Down .....	8' 4" (2540mm)
H. Ground to Fork-Hoist Up .....	18' 0" (5486mm)	Q. Width Inside of Tines .....	6' 5" (1956mm)
J. Ground to Holddown Tip		R. Width Outside of Tines .....	7' 10" (2388mm)
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 @ Ground Level .....	47°
Drive End .....	83,000 lbs (37,649 kg)	Forward Tilt @ Max Height .....	20°
Tail End .....	49,000 lbs (22,226 kg)	Backward Tilt @ Ground Level .....	17°
Rated Lift Capacity 48" Load Center ....	80,000 lbs (36,288 kg)	Backward Tilt @ Max Height .....	53°

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