



### Engine

Make and Model..... Cummins Electronic QSX15  
 Max Horsepower ..... 535 @ 2100 RPM

Optional:

Make and Model..... Caterpillar Electronic C-15  
 Max Horsepower ..... 540 @ 2100 RPM

### Air Cleaner

Donaldson 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 w/Pump Drives

### Transmission

Powershift with 4 Speeds Fwd and Rev.

Range	Ratio	Speed (Unladen)
1.....	4.07:1 .....	2.9 mph (4.7 km/hr)
2.....	2.26:1 .....	5.2 mph (8.4 km/h)
3.....	1.29:1 .....	8.5 mph (13.7 km/h)
4.....	.71:1 .....	11.7 mph (18.8 km/h)

### Axles

Front ..... Double Planetary Reduction  
 Rear..... Double Planetary Reduction w/Oscillation

### Tires

Size (Front)..... (Dual) 27.00R49 Radial  
 Size (Rear) ..... 29.5R29 Radial

### Hydraulic System

"Power Beyond" hydraulics with total capacity of all pumps in the system for multiple use simultaneously. Function controls are hydraulic pilot operated.

### Service Refill Capacities

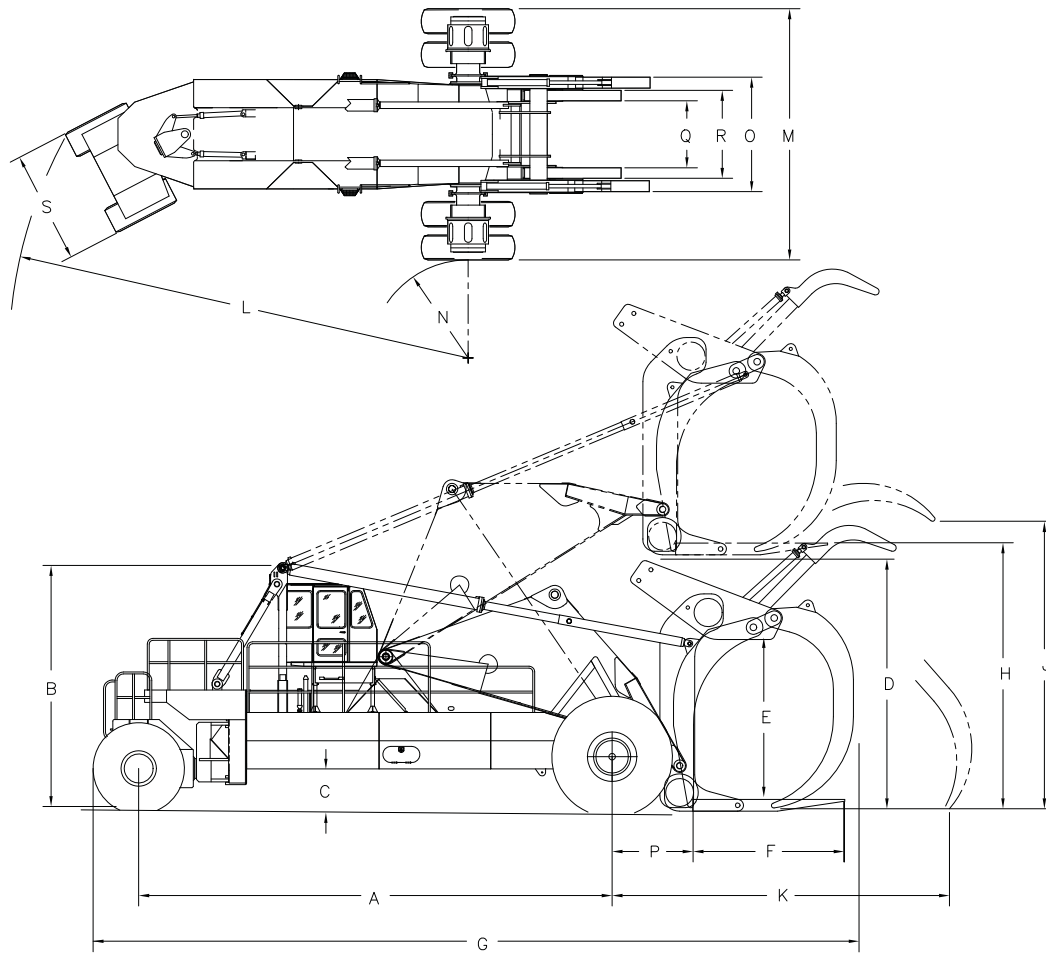
Fuel Tank ..... 450 Gals (1609 liters)  
 Hydraulic Oil ..... 350 Gals (1325 liters)  
 Crankcase w/Filter..... 13 Gals (49 liters)  
 Cooling System ..... 24 Gals (91 liters)

### Capacity

Tipping Capacity @70" LC ..... 188,000 lbs (85,275 kg)  
 Rated Capacity @70" LC ..... 160,000 lbs (72,575 kg)

## Purpose-Built Log Handlers

# L4160F



## Dimensions (approximate)

A. Wheelbase .....	38' 0" (11,582mm)	K. Reach - Axle to Holddown Tip .....	23' 5" (7,315mm)
B. Height to Stabilizer Support .....	19' 0" (57,91mm)	L. Turning Radius Tail Swing .....	57' 8" (17,577mm)
C. Ground Clearance Chassis .....	2' 9" (838mm)	M. Width Outside Chassis Tires .....	26' 0" (7,925mm)
D. Carriage Height .....	17' 4" (5,283mm)	N. Inside Turning Radius .....	10' (3,048mm)
E. Mouth Opening .....	11' 8" (3,556mm)	O. Carriage Width .....	13' 4" (4,064mm)
F. Tine Length .....	11' 0" (3,353mm)	P. Axle to Face of Carriage - Hoist Down .....	6' 2" (1,981mm)
G. Overall Length .....	58' 6" (17,831mm)	Q. Width Inside of Tines .....	8' 0" (2,438mm)
H. Ground to Fork-Hoist Up .....	19' 2" (5,842mm)	R. Width Outside of Tines .....	10' 0" (3,048mm)
J. Ground to Holddown Tip - Hoist Up .....	21' 6" (6,553mm)	S. Width Outside of Bogie Tires .....	10' 10" (3,302mm)

## Weights and Functions (approximate)

Unit Weight (Estimated) .....	240,000 lbs (109,091 kg)	Forward Tilt @ Ground Level .....	30°
Drive End .....	175,000 lbs (79,545 kg)	Forward Tilt @ Max Height .....	15°
Tail End .....	65,000 lbs (29,545 kg)	Backward Tilt @ Ground Level .....	30°
		Backward Tilt @ Max Height .....	46°

# wagner

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