

# Wagner

A Division of Allied Systems Company

## L4130E (British Columbia)



### Engine

Make and Model ..... Caterpillar Electronic 3406E  
Max Horsepower ..... 525 @ 2100 rpm  
Max Torque ..... 1700 Ft/Lbs @ 2100 rpm  
Bore and Stroke ..... 5.4" x 6.5"  
No. of Cylinders ..... 6  
Displacement ..... 893 Cu/In (14.6 liters)

### 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

Clark Single Stage, 3 Elements

### Transmission

Clark 8420 Series Power Shift-Spur Gear; 4 Speeds Fwd and Rev.

Range	Ratio	Speed (Unladen)
1	4.07:1	2.9 mph (4.7 km/hr)
2	2.26:1	4.8 mph (7.7 km/h)
3	1.29:1	8.0 mph (12.9 km/h)
4	.71:1	Blocked out at Factory

### Axles

Fabricated ..... Allied Wagner  
Model (Chassis) ..... Quad Reduction DA-205  
Model(Bogie) ..... FD-75000 Series  
Type ..... Planetary  
Brakes ..... Hydraulic Dry Disc  
Chassis ..... 1.25" x 40" Dia. (32mm x 1016mm)  
Bogie ..... None

### Tires

Size (Front) ..... (Dual)27.00 x 49-42PR  
Size (Rear) ..... 29.5 x 29-22PR

### 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) ..... 6" x 32" (152mm x 813mm)  
Hoist Cylinder (2) ..... 10" x 124" (254mm x 3150mm)  
Tilt Cylinder (2) ..... 9" x 136" (229mm x 3454mm)  
Holddown Cylinder (2) ..... 9" x 58" (229mm x 1473mm)  
Kickoff Cylinder (2) ..... 9" x 44" (229mm x 1118mm)

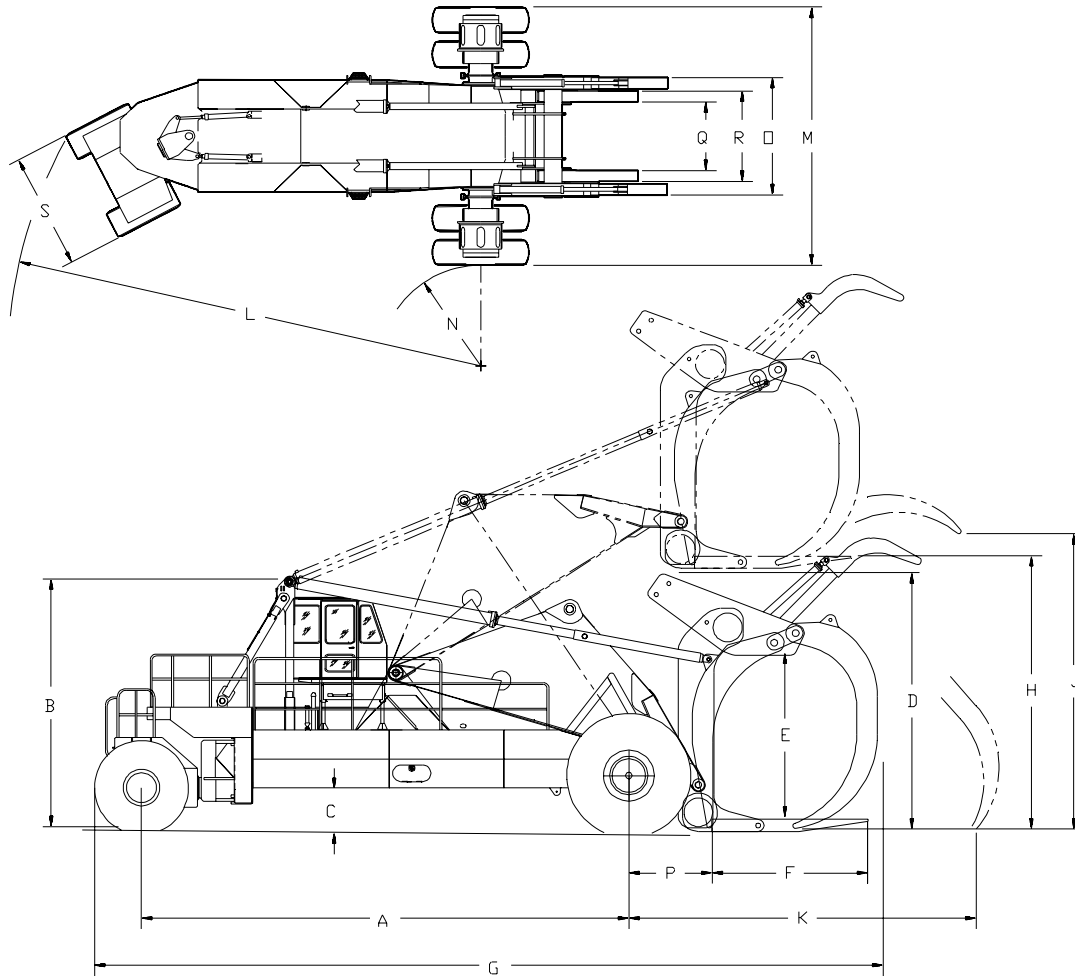
### Service Refill Capacities

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)

Specifications are subject to change without notice or obligation.

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## Dimensions (approximate)

A. Wheelbase .....	34' 0" (10363mm)	K. Reach - Axle to Holddown Tip .....	24' 0" (7315mm)
B. Height to Top of Cab .....	17' 0" (5182mm)	L. Turning Radius Tail Swing .....	54' 8" (16662mm)
C. Ground Clearance Chassis .....	2' 9" (838mm)	M. Width Outside Chassis Tires (narrow) .....	24' 2" (7366mm)
D. Carriage Height .....	18' 4" (5588mm)	N. Inside Turning Radius .....	31' 10" (9703mm)
E. Mouth Opening .....	11' 8" (3556mm)	O. Carriage Width .....	13' 4" (4064mm)
F. Tine Length .....	11' 0" (3353mm)	P. Axle to Face of Carriage - Hoist Down .....	6' 0" (1830mm)
G. Overall Length .....	53' 4" (16256mm)	Q. Width Inside of Tines .....	8' 0" (2438mm)
H. Ground to Fork-Hoist Up .....	19' 2" (5842mm)	R. Width Outside of Tines .....	10' 0" (3048mm)
J. Ground to Holddown Tip - Hoist Up .....	22' 6" (6858mm)	S. Width Outside of Bogie Tires .....	10' 10" (3302mm)

## Weights and Functions (approximate)

Unit Weight .....	209,000 lbs (95,000 kg)	Forward Tilt @ Ground Level .....	30°
Drive End .....	146,000 lbs (66,364 kg)	Forward Tilt @ Max Height .....	19°
Tail End .....	63,000 lbs (28,636 kg)	Backward Tilt @ Ground Level .....	30°
Rated Lift Capacity 72"LC .....	130,000 lbs (58,968 kg)	Backward Tilt @ Max Height .....	44°

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