

Wagner

A Division of Allied Systems Company

SW900 COIL HANDLER



Engine

Make and Model Cummins 6CTAA8.3-300
 Max Horsepower 300 @ 2200 RPM
 Max Torque 900 Ft/Lbs @ 1500 RPM
 Bore and Stroke 4.5" x 5.3"
 No. of Cylinders 6
 Displacement 505 Cu/In (8.3 liters)

Air Cleaner

Donaldson Two Stage Dry Type

Electrical System

Type 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

Transmission/Torque Converter

Clark 40000 Series Power Shift; 4 Speeds Fwd and Rev

Range	Ratio	Speed (Unladen)
1.....	4.44:1	3.8 mph (6.1 km/h)
2.....	2.21:1	6.6 mph (10.6 km/h)
3.....	1.26:1	11.0 mph (17.7 km/h)
4.....	0.72:1	Blocked

Axles

Fabricated Housing Allied Wagner
 Make Clark
 Model FD-85000 Series
 Type Planetary
 Brakes Air over Hydraulic Disc
 Brake Size 32" Diameter (813mm)

Tires

Size (Driver) 33.5 x 33-54PR
 Size (Tail) 23.5 x 25-20PR

Hydraulic System

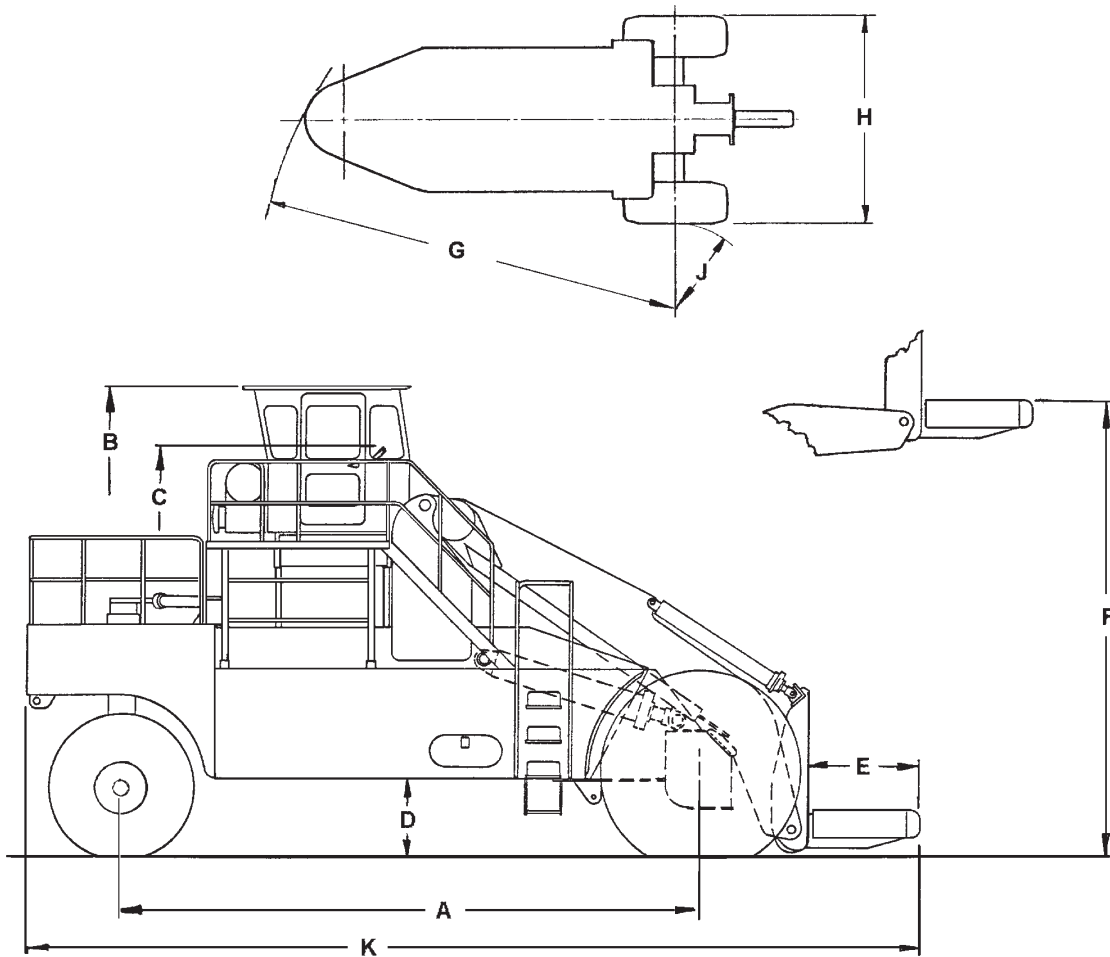
"Power Beyond" hydraulics with total capacity of all pumps in the system for multiple use simultaneously. Function controls are air over hydraulic or optional hydraulic over hydraulic.

Steering Cylinder (2) 4" x 20" (102mm x 508mm)
 Hoist Cylinder (2) 11" x 57" (279mm x 1425mm)
 Tilt Cylinder (2) 6" x 52" (152mm x 1315mm)

Service Refill Capacities

Fuel Tank 425 Gals (1608 liters)
 Hydraulic Oil 350 Gals (1324 liters)
 Crankcase w/Filter 11 Gals (42 liters)
 Cooling System 22.5 Gals (85 liters)

SW900



Dimensions (approximate)

A. Wheelbase	22' 0" (6700mm)
B. Height to Top of Cab.....	17' 4" (5280mm)
C. Height without Cab	15' 2" (4620mm)
D. Ground Clearance Chassis	2'2" (660mm)
E. Probe Length.....	6' 0" (1829mm)
F. Ground to Probe-Hoist Up.....	13' 6" (4110mm)
G. Turning Radius Tail Swing	28' 3" (8610mm)
H. Width Outside Drive Tires.....	14' 8" (4470mm)
J. Inside Turning Radius.....	5' 11" (1800mm)
K. Overall Length	34' 9" (10592mm)

Weights and Functions (approximate)

Unit Weight.....	95,000 lbs (43,100 kg)
Drive End.....	50,000 lbs (22,680 kg)
Tail End.....	45,000 lbs (20,410 kg)
Rated Lift Capacity 48"LC	90,000 lbs (40,824 kg)
Forward Tilt @ Ground Level	45°
Forward Tilt @ Max Height.....	5°
Backward Tilt @ Ground Level.....	5°
Backward Tilt @ Max Height.....	43°

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