

wagner

A Division of Allied Systems Company

SW1000 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

Axes

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

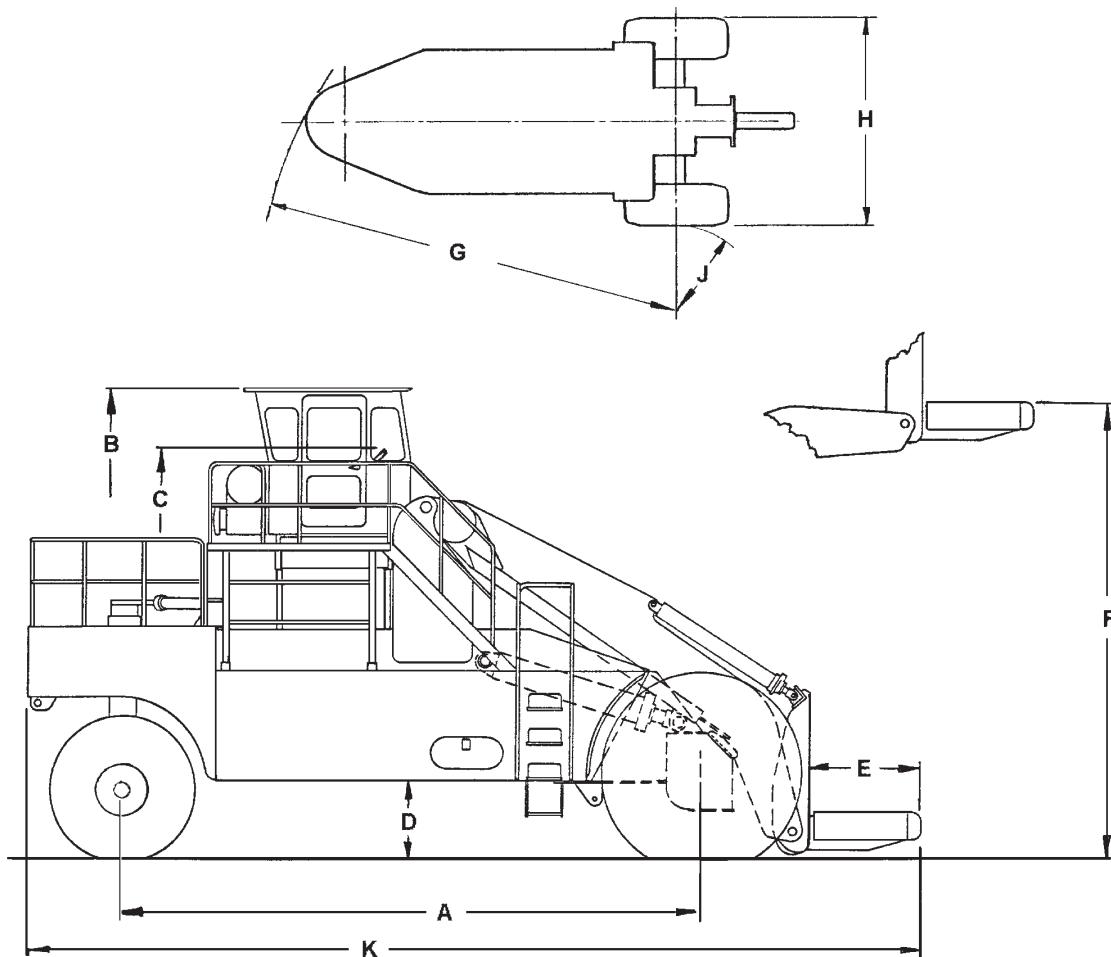
"Power Beyond" hydraulics with total capacity of all pumps in the system for multiple use simultaneously. Function controls are air over hydraulic or optional hydraulic over hydraulic.

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)

SW1000



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 5' 0" (1524mm)
- 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 33' 9" (10287mm)

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	100,000 lbs (45,360 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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