

Wagner

A Division of Allied Systems Company

NCH-35

UF₆ CYLINDER
HANDLER



Engine

Make and Model..... Cummins LT10-C250
Max Horsepower 250 @ 2100 RPM
Max Torque..... 750 Ft/Lbs @ 1300 RPM
Bore and Stroke..... 4.92" x 5.35"
No. of Cylinders..... 6
Displacement..... 611 Cu/In (10 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

Transmission

Clark 34,000 Series Power Shift - Spur Gear; 4 Speeds Fwd. and Rev. with 1:1 Converter Ratio

Range	Ratio	Speed (Unladen)
1.....	5.85:1	4.35 mph (6.92 km/h)
2.....	2.44:1	8.10 mph (12.96 km/h)
3.....	1.39:1	13.60 mph (21.87 km/h)
4.....	0.79:1	16.40 mph (26.38 km/h)

Axles

Make..... Clark
Model (Chassis)..... 70000 Series
Type..... Planetary
Brakes Air Over Hydraulic Dual Caliper Disc
Brake Size 32" Diameter (813mm)

Tires

Size (Front)..... 29.50 x 29-40PR
Size (Rear) 23.5 x 25-20PR

Hydraulic System

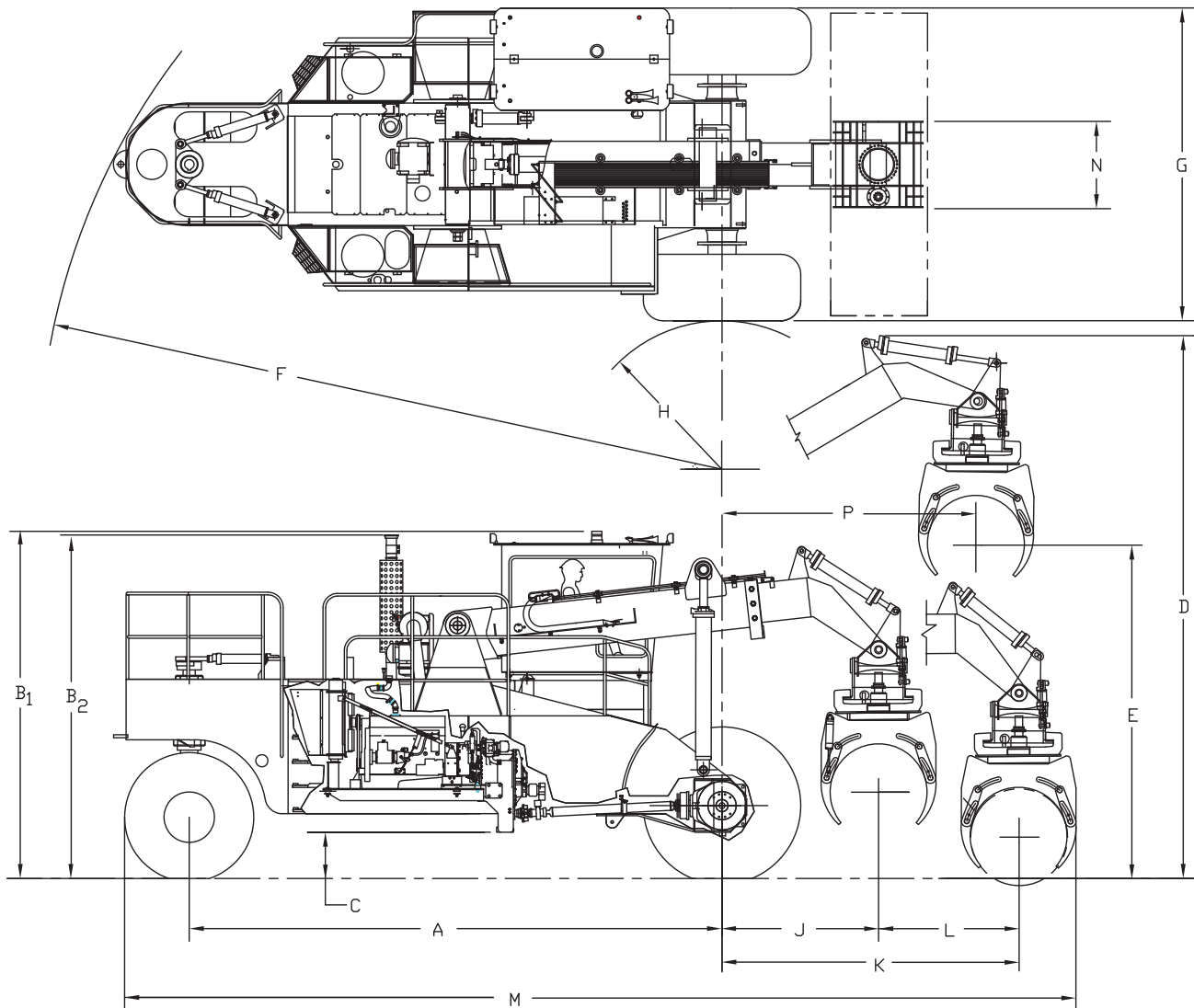
"Power Beyond" hydraulics with total capacity of all pumps in the system for multiple use simultaneously. Function controls are air over hydraulic.

Steering Cylinder (2)..... 4" x 20" (102mm x 508mm)
Hoist Cylinder (2)..... 10" x 44" (254mm x 1118mm)
Tilt Cylinder..... 4" x 12" (102mm x 305mm)
Hanger Cylinder (2)..... 5" x 12" (127mm x 305mm)
Extension Cylinder (2)..... 6" x 60" (152mm x 1524mm)
Grapple Cylinder (4)..... 3" x 13" (76mm x 330mm)
Side Shift Cylinder..... 4" x 18" (101mm x 457mm)

Service Refill Capacities

Fuel Tank..... 450 Gals (1703 liters)
Hydraulic Oil 350 Gals (1324 liters)
Crankcase w/Filter..... 7 Gals (26 liters)
Cooling System 10.5 Gals (39 liters)

NCH-35



Dimensions (approximate)

A. Wheelbase	22' 0"	(6706mm)	H. Inside Turning Radius.....	6' 1"	(1865mm)
B ₁ Height to Top of Cab	14' 4"	(4369mm)	J. Load Center - Retracted.....	6' 3"	(1910mm)
B ₂ Height to Top of Exhaust	14' 2"	(4328mm)	K. Load Center - Extended	123'	(3739mm)
C. Ground Clearance Chassis	2' 0"	(628mm)	L. Grapple Extension.....	6' 0"	(1829mm)
D. Carriage Height Boom Raised	22' 2"	(6833mm)	M. Overall Length	39' 3"	(11972mm)
E. Ground to Center of Container - Max.	13' 9"	(4195mm)	N. Grapple Width	5' 9"	(1753mm)
F. Turning Radius Tail Swing	28' 2"	(8572mm)	P. Load Center - Raised & Extended.....	12' 11"	(3937mm)
G. Width Outside of Tires	12' 11"	(3937mm)	*Note: All dimensions taken with Tilt Cylinder in float.		

Weights and Functions (approximate)

Unit Weight	76,000 lbs	(35,504 kg)	Extension.....	4' 0"	(1220mm)
Drive Axle	47,800 lbs	(21,701 kg)	Forward Tilt.....	5°	
Tail Axle	28,200 lbs	(12,803 kg)	Backward Tilt	5°	
Rated Lift Capacity	35,000 lbs	(15,876 kg)	Pile Slope (Total)	5°	
Side Shift	1' 6"	(457mm)	Rotation	270°	

wagner

A Division of Allied Systems Company

21433 S.W. Oregon Street
 Sherwood, Oregon 97140 USA
 Telephone: 503.625.2560 • Fax: 503.625.7980
 E-mail: wagner@alliedsystems.com

www.alliedsystems.com