

# SUN MACHINERY COMPANY

Distributors of Allied WAGNER Products



## SPECIFICATIONS

REMANUFACTURED  
**L-90**  
LUMBERJACK

### ENGINE

Make & Model . . . . . CUMMINS Recon NTA-855C-355  
Max. Horsepower . . . . . 355 @ 2100 RPM  
Max. Torque . . . . . 1010 ft/lbs @ 1500 RPM  
Bore & Stroke . . . . . 5.5" x 6"  
No. of Cylinders . . . . . 6  
Displacement . . . . . 855 Cu In (14 liters)

### AIR CLEANER

Donaldson Two Stage Dry Type

### ELECTRICAL SYSTEM

Type . . . . . 12 Volt Neg. Ground/24 Volt Start  
Alternator . . . . . 105 AMP  
Circuit Breakers (lights) . . . . . 30 AMP  
Circuit Breakers (access) . . . . . 20 AMP  
Batteries (2) . . . . . 12 Volt-8D @ 205 AMP Hr. Each

### TRANSMISSION

Sunbilt Allison 5600 Series, Powershift, 3 Speeds  
Forward and Reverse

Range	Ratio	Speed (Unladen)
1. . . . .	3:04:1 . . . . .	4.67 mph ( 7.52 kmh)
2. . . . .	1:51:1 . . . . .	8.62 mph (13.87 kmh)
3. . . . .	0:76:1 . . . . .	17.10 mph (27.52 kmh)

### TORQUE CONVERTER

Sunbilt Allison Single Stage, 3 Elements

### AXLES

Fabricated . . . . . Allied Wagner/Clark  
Make . . . . . Clark  
Model . . . . . FD-85501 Series  
Type . . . . . Planetary  
Brakes . . . . . Air over Hydraulic Disc  
Brake Size . . . . . 32" Diameter (813 mm)

### TIRES

Size (Driver) . . . . . 33.5 x 33-44PR  
Size (Tail) . . . . . 23.5 x 25-20PR

### HYDRAULIC SYSTEM

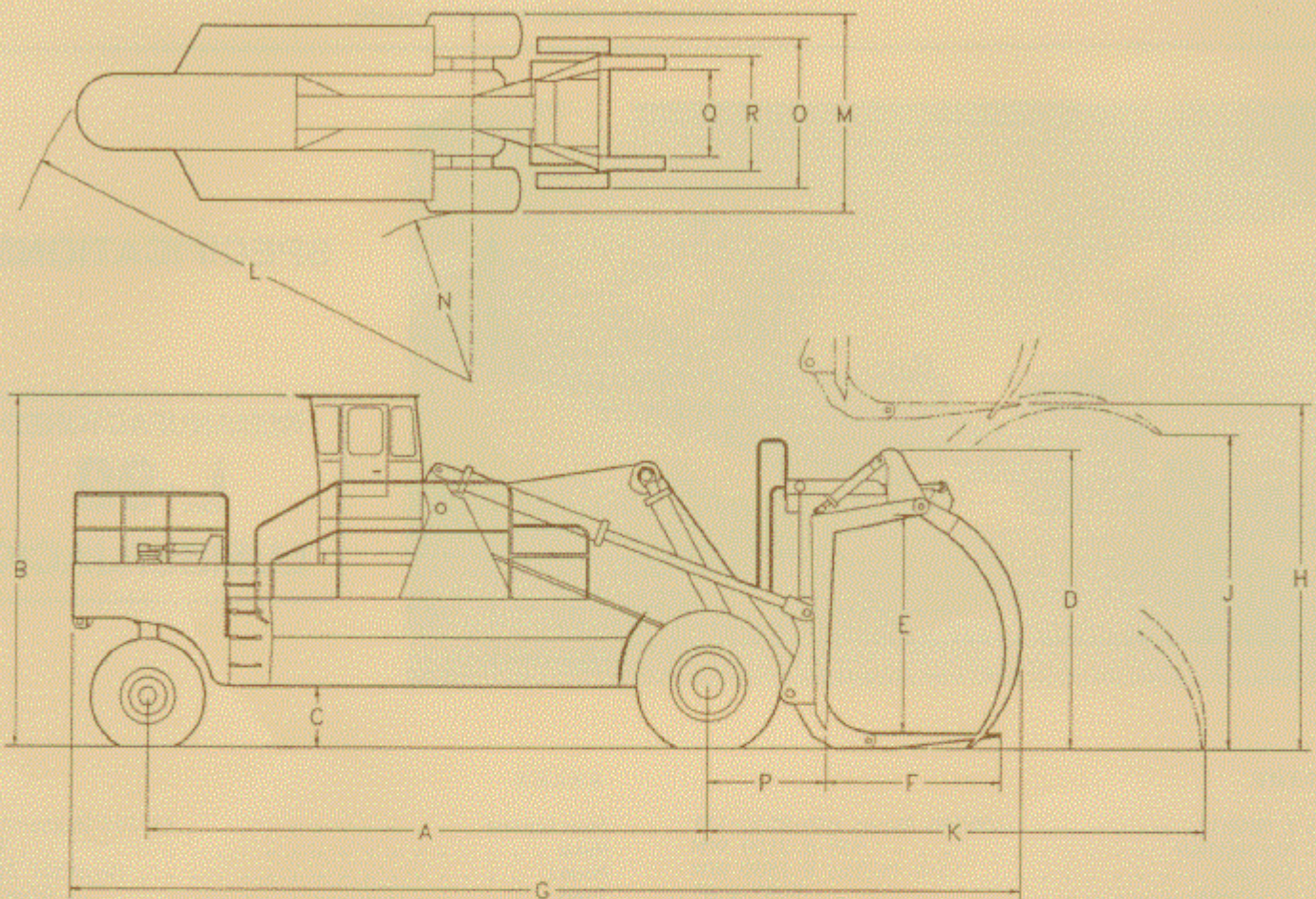
"Power Beyond" hydraulics with total capacity of all pumps in the system for multiple use simultaneously. Function controls are air over hydraulic or optional hydraulic over hydraulic.

Steering Cylinder (2) . . . . . 4" x 20" (102mm x 508mm)  
Hoist Cylinder (2) . . . . . 10" x 92" (254mm x 2489mm)  
Tilt Cylinder (2) . . . . . 10" x 52" (254mm x 1320mm)  
Holddown Cylinder (2) . . . . . 6" x 34" (152mm x 864mm)  
Kickoff Cylinder (2) . . . . . 6" x 26" (152mm x 660mm)

### SERVICE REFILL CAPACITIES

Fuel Tank . . . . . 450.0 Gals. (1703 Liters)  
Hydraulic Oil . . . . . 334.0 Gals. (1264 Liters)  
Crankcase w/Filter . . . . . 11.0 Gals. ( 42 Liters)  
Cooling System . . . . . 20.0 Gals. ( 76 Liters)

# L-90



## DIMENSIONS (Approximate)

A. Wheelbase. . . . .	26' 0" ( 7925mm)	K. Distance from Axle to Holddown	
B. Height to Top of Cab . . . . .	15' 8" ( 4775mm)	Tip for Reach. . . . .	26' 0" ( 7925mm)
C. Ground Clearance Chassis . . . . .	2' 6" ( 762mm)	L. Turning Radius Tail Swing . . . . .	35' 6" (10820mm)
D. Carriage Height. . . . .	15' 0" ( 4572mm)	M. Width Outside Chassis Tires	
E. Mouth Opening. . . . .	11' 0" ( 3352mm)	Wide Stance. . . . .	14' 8" ( 4470mm)
F. Tine Length. . . . .	9' 0" ( 2743mm)	Narrow Stance. . . . .	13' 1" ( 3987mm)
G. Overall Length . . . . .	43' 10" (13360mm)	N. Inside Turning Radius. . . . .	13' 9" ( 4191mm)
H. Ground to Fork-Hoist Up. . . . .	16' 6" ( 5029mm)	O. Carriage Width . . . . .	11' 1" ( 3378mm)
J. Ground to Holddown Tip		P. Axle to Face of Carriage	
Carriage Down/Holddown Up. . . . .	16' 2" ( 4928mm)	Hoist Down . . . . .	7" 4" ( 2235mm)
		L. Width Inside of Tines. . . . .	6' 5" ( 1956mm)
		M. Width Outside of Tines . . . . .	8' 6" ( 2591mm)

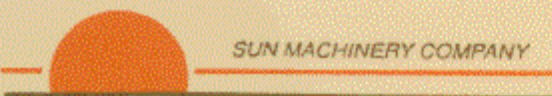
## WEIGHTS AND FUNCTIONS (Approximate)

Unit Weight. . . . .	125,000 lbs. (56,699 kg)	Forward Tilt @ Ground Level. . . . .	45°
Drive End. . . . .	74,500 lbs. (33,787 kg)	Forward Tilt @ Max. Height . . . . .	24°
Tail End . . . . .	46,000 lbs. (20,862 kg)	Backward Tilt @ Ground Level . . . . .	12°
Rated Lift Capacity 54"LC. . . . .	90,000 lbs. (40,823 kg)	Backward Tilt @ Max. Height. . . . .	45°

## OPTIONAL EQUIPMENT:

Standard and special options are available. Contact Sun Machinery Company for details.

Specifications Subject To Change Without Notice Or Obligation.



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