



Designed For The Highest Wheel Load And Pressure Requirements

Individual Wheel Loads Up To 8082 lbs. (3 665 Kg)
Ground Pressures Up To 98 Pounds Per Sq. Inch

- Hydrostatic drive allows new or inexperienced operators to achieve superior results. No-spin differential and final drive planetaries are standard.
- Three separate brake systems consisting of automatic hydro-dynamic braking, hydraulic self adjusting brakes on all four drive wheels and hand operated parking brake on drive line.
- Single lever controls direction and speed from 0-17 m.p.h. (27, 4 Km/hr.)
- All wheels oscillate to follow uneven ground contours and provide uniform densities.
- Operator convenience and comfort assured by adjustable cushioned seat, power steering, steering wheel, clear cut visibility and single lever control.
- Rolling width is same as body width to allow close rolling to edges and obstructions.
- Anti-vandalism lockable instrument panel-cover is standard.
- Optional sprinklers for asphalt rolling may be gravity or pressure systems with one 100 gallon polyethelene water tank with mats and tire scrapers.

SPECIFICATIONS

	U.S. System	Metric System			
Length, Overall	189"	4 801 mm	With Water Ballast	6,115 lbs.	2 773 Kg
Body width	72"	1 829 mm	With Wet Sand Ballast	8,082 lbs.	3 665 Kg
Height, Top of Steering			Rolling Speed	0-17 mph	0-27 kmph
Wheel	105"	2 667 mm	STANDARD EQUIPMENT:		
Height, Top of Hood	96½"	2 451 mm	Hydrostatic Drive		
Height, Top of Body	66½"	1 689 mm	John Deere No-Spin Differential		
Wheel Base	150"	3 810 mm	Rolling Speed:		
Ground Clearance	9½"	241 mm	Hydrostatic Drive	0-17 mph	
Turning Radius (inside)	204"	5 182 mm	Final Drive, Adjustable	Chain	
Rolling & Overall Width	72"	1 829 mm	Axle-John Deere 1200 Series (16.096:1)		
Ballast Capacity	178 cu. ft.	3,56 m ³	w/Inboard Planetaries		
Wheels, Front	3	3	Brakes (Self Adjusting)	Hydraulic	
Wheels, Rear	4	4	On Four (4) Rear Wheels		
Tire Overlap	½"	12,7 mm	Orbitrol Power Steering w/Steering		
Tire Size	11:00 x 20	11:00 x 20	Wheel	Hydraulic	
Tire Ply	16	16	Dry Type Air Cleaner with Safety Element		
All Wheel Oscillation	Standard	Standard	Fuel Tank Capacity	50 Gals.	
Weight, Empty	31,600 lbs.	14 331 Kg	Lockable Instrument Panel		
Weight, with Water Ballast	42,808 lbs.	19 414 Kg	Gauges: Ammeters, Engine Oil Pressure,		
Weight, with Wet Sand			Engine Water Temperature, Fuel and		
Ballast	56,576 lbs.	25 658 Kg	Hour Meter		
Individual Wheel Loads:			Horn		
Empty	4,514 lbs.	2 047 Kg	Ferguson Non-Lead Paint		
			Sixteen (16) Ply Tires		

OPTIONAL EQUIPMENT:

ROPS with Seat Belts	add 1300 lbs.	590 Kg
Sprinkler System,		
Gravity Feed with Cocoa Mats		
Front & Rear and 100 Gallon		
(379 liter) Water Tank	add 244 lbs.	111 Kg
Water Fog Spray Bars		
w/Pump and 100 Gallon		
(379 liter) Water Tank -		
Without Mats	add 274 lbs.	124 Kg
Cocoa Mats with		
Brackets	add 190 lbs.	86 Kg
Nylon Tire Scrapers		
Spring Loaded	add 5 lbs.	2 Kg
Ballast Compartment		
Covers	add 268 lbs.	122 Kg
Baffles and Covers for -		
Water Ballast	add 268 lbs.	122 Kg
Sealed Beam Lights,		
2 Front, 2 Rear	add 25 lbs.	11 Kg
Directional and Flasher		
Lights, 2 Front, 2 Rear	add 20 lbs.	9 Kg
Lockable Engine Hood		
Side Panels	add 25 lbs.	11 Kg
Umbrella, Canvas	add 10 lbs.	5 Kg

POWER UNIT:

Engine Make	John Deere	John Deere
Engine Model	JD 6359	JD 6359
Number of Cylinders	6	6
Displacement	359 cu. in.	5.88 liter
Bore	4.19 in.	106 mm
Stroke	4.33 in.	110 mm
Horsepower @2500 RPM	121	90 kw
Cooling System	25 qts.	24 liter
Ignition System	12 Volt	12 Volt
Battery	290 amp. hour	290 amp. hour
Alternator	65 amp.	65 amp.

BALLAST DATA

Ballast Condition	Roller Weight	Individual Wheel Load	Maximum Pressure Per Unit Of Tire Contact Width*	Maximum Ground Contact Pressure
Empty	31,600 lbs.	4,514 lbs.	416 lbs./in.	81 p.s.i.
Water Ballast	42,808 lbs.	6,115 lbs.	563 lbs./in.	95 p.s.i.
Wet Sand Ballast	56,576 lbs.	8,082 lbs.	744 lbs./in.	98 p.s.i.

PRESSURE DATA

11:00 x 20 - 16 Ply Smooth Wide Tread Compactor Tire

TIRE INFLATION PRESSURES

PSI	35	50	70	90	105	120
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GROUND CONTACT PRESSURES

WHEEL LOAD	47	51	63	75	83	90
4000 lbs.						
5000 lbs.	48	55	67	79	86	93
6000 lbs.	51	58	70	82	88	95
7000 lbs.		60	72	84	90	96
8000 lbs.			75	87	92	98