



## Designed For A Wide Range Of Specifications

### Choice Of Water Or Sand Ballast Results In:

- Individual Wheel Loads Up To 3500 lbs. (1590 Kg)
- Contact Width Pressures Up To 569 lbs. (101Kg)
- Ground Presures Up To 94 Pounds Per Sq. Inch (6,5 Kg/cm<sup>2</sup>)

- May be ordered for sand or water ballast with ballast compartment covers.
- All wheels oscillate to follow uneven ground control and provide uniform densities.
- Dual lever controls for direction and speed.
- Low Profile design.
- Capable of 3,500 lb. wheel load.
- Operator convenience and comfort assured by dual center facing adjustable cushioned seats, for clear visibility, dual lever control and power steering.
- Rolling width is greater than body width to allow close rolling to edges and obstructions.
- Anti-vandalism locking instrument panel cover is standard
- Optional sprinklers for asphalt rolling may be gravity or pressure systems with one 132 gallon (500 liters) water tank made of heavy wall polyethylene.
- Optional 10, 12 or 14 ply tires, ROPS, lights.



	U.S.	Metric
Length Overall	170.5"	4331 mm
Body Width	67"	1702 mm
Height, Top of Steering		
Wheel	91"	2311 mm
Height, Top of Hood	79"	2006 mm
Height, Top of Body	55"	1397 mm
Wheel Base	139.5"	3543 mm
Ground Clearance	11"	279 mm
Turning Radius	20'	6096 mm
Rolling Width	68"	1727 mm
Ballast Capacity	157 Cu. Ft.	4.4 m <sup>3</sup>
Wheels, Front	5	5
Wheels, Rear	4	4
All Wheel Oscillation	Standard	Standard
Tire Overlap	0.5"	12.7 mm
Tire Size	7:50 x 15	7:50 x 15
Tire Ply, Standard	6 Ply	6 Ply
Adjustable Seat	Standard	Standard
Weight, Empty	12400 lbs.	5624 Kg
Weight with Water Ballast	22196 lbs.	10068 Kg
Weight with Wet Sand		
Ballast	32025 lbs.	14526 Kg
Individual Wheel Loads:		
Empty	1377 lbs.	624 Kg
With Water Ballast	2466 lbs.	1118 Kg
With Wet Sand Ballast	3558 lbs.	1613 Kg

### STANDARD EQUIPMENT:

Hydrostatic Drive (Through 2 speed Wheel Motors (Hydrostatic Drive)	
Dry Type Air Cleaner w/Safety Element	
Steering (Power-Orbitrol) w/wheel	
Lockable Engine Hood	
Side Panels	
Ballast Compartment Covers	
Fuel tank Capacity 50 gals.	
Lockable Instrument Panel	
Gauges: Ammeter, Engine Oil Pressure Gauge, Engine Water Temperature Gauge, Electric Fuel Gauge and Hour Meter Horn	
Ferguson Non-Lead Paint	
Six (6) Ply Tires	
<b>OPTIONS AVAILABLE AT NO CHARGE:</b>	
ROPS w/Seat Belts	add 705 lbs. 320 Kg
10 Ply 90 p.s.i. Tires	
w/H.D. Wheels	add 369 lbs. 167 Kg
12 Ply 110 p.s.i. Tires	
w/H.D. Wheels	add 378 lbs. 171 Kg
14 Ply 130 p.s.i. Wheels	
w/H.D. Wheels	add 432 lbs. 196 Kg

### Sprinkler System,

Gravity feed mats front and rear, 132 Gal. (500 Liters)	
Water Tank	add 240 lbs. 109 Kg
Water Fog Spray Bars w/Pump and 132 Gal. (500 liters)	
Tank - Without Mats	add 175 lbs. 80 Kg
Cocoa Mats with Brackets	add 70 lbs. 32 Kg
Nylon Tire Scrapers,	
Spring Loaded	add 20 lbs. 9 Kg
Baffles and Covers for	
Water Ballast	add 350 lbs. 159 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
Umbrella, Canvas	add 10 lbs. 5 Kg
11 Wheel Model	add 330 lbs. 150 Kg
Tires (5 front, 6 Rear)	

### POWER UNITS:

Engine Make	John Deere
Engine Model (Diesel)	4045DL
Number of Cylinders	4
Displacement	276 cu. in.
Bore	3.9 in.
Stroke	5.00 in.
Horsepower	85 @ 2500RPM
Cooling System Capacity	20 quarts
Ignition System	12 Volt
Battery	160 amp. hour
Alternator	63 amp.
Engine Oil Filter	Full Flow

### BALLAST DATA

Ballast Condition	Weight	Individual Wheel Load
Empty	12400 lbs. 5624 Kg.	1377 Lbs. 624 Kg
Water Ballast	22196 lbs. 10068 Kg	2466 Lbs. 1118 Kg
Wet Sand Ballast	32025 lbs. 14526 Kg	3558 Lbs. 1613 Kg

\*With 14 ply tires inflated to 120 p.s.i.

### TIRE DATA

7:50 x 15 Smooth Wide Tread Compactor Tires Calculated From Data Supplied By Tire Manufacturers

TIRE PLY	6 Ply				10 Ply				12 Ply				14 Ply						
TIRE CAPACITY - LBS.	3740				5130				5770				6360						
Kg	1696				2327				2617				2885						
TIRE PRESSURE - p.s.i.	35	50	60	50	60	70	90	50	60	70	90	110	50	60	70	90	110	120	130
Kg/cm <sup>2</sup>	2,5	3,5	4,2	3,5	4,2	4,9	6,3	3,5	4,2	4,9	6,3	7,7	3,5	4,2	4,9	6,3	7,7	8,4	9,1

WHEEL LOAD	GCP-Ground Contact Pressure																		
1000 GCP-p.s.i.	37	44	49	44	47	51	57	44	47	51	60	65	50	54	56	61	68	71	74
2000 GCP-p.s.i.	43	50	55	52	56	60	67	53	56	60	69	75	59	62	65	72	78	82	86
2500 GCP-p.s.i.	45	52	58	56	59	64	71	57	60	65	74	78	63	66	70	76	83	87	90
3000 GCP-p.s.i.	47	55	61	60	65	67	75	60	64	69	77	83	66	70	73	80	87	91	94

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