



Designed For A Wide Range Of Specifications

Choice Of Water Or Sand Ballast Results In:

Individual Wheel Loads Up To 2,827 (1 282 Kg)
Contact Width Pressures Up To 487 Pounds (87 Kg/cm)
Ground Pressures Up To 92 Pounds Per Sq. Inch (6,4 Kg/cm²)

- May be ordered for sand or water ballast with ballast compartment covers.
- All wheels oscillate to follow uneven ground contours and provide uniform densities.
- Service brakes on all four drive wheels are hydraulic and self-adjusting. Hand operated mechanical parking brake on drive line.
- Single lever controls direction and speed from 0 to 22 m.p.h. (0-35, 4 Km/hr) on Reversomatic Drive.
- Capable of 3,000 lb. wheel load with additional metal ballast.
- Operator convenience and comfort assured by adjustable cushioned seat, power steering, clear visibility and single lever control.
- 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 100 gallon (379 liters) water tank made of heavy wall polyethylene.
- Optional no-spin differential; 10, 12 or 14 ply tires, ROPS, lights, and choice of diesel engines.

	U.S.	Metric
Length Overall	170 1/2"	4331 mm
Body Width	67"	1702 mm
Height, Top of Steering		
Wheel	93"	2362 mm
Height, Top of Hood	84 1/2"	2146 mm
Height, Top of Body	55"	1397 mm
Wheel Base	139 1/2"	3543 mm
Ground Clearance	11"	279 mm
Turning Radius	20'	6096 mm
Rolling Width	68"	1727 mm
Ballast Capacity	135 Cu. Ft.	3,82 m ³
Wheels, Front	5	5
Wheels, Rear	4	4
All Wheel Oscillation	Standard	Standard
Tire Overlap	1/2"	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	8854 lbs.	4016 Kg
Weight with Water Ballast	16954 lbs.	7690 Kg
Weight with Wet Sand		
Ballast	25729 lbs.	11670 Kg
Individual Wheel Loads:		
Empty	984 lbs.	446 Kg
With Water Ballast	1884 lbs.	854 Kg
With Wet Sand Ballast	2859 lbs.	1297 Kg

STANDARD EQUIPMENT:

Hydrostatic Drive (Through 4-speed Transmission)*	Standard
(2.12) Ratio	
Rockwell Standard Differential (Hydrostatic Drive)	0-18mph
Final Drive, Adjustable	Chain
Brakes (Self-Adjusting)	Hydraulic
Dry Type Air Cleaner w/Safety Element	
Steering (Power-Orbitrol) w/wheel	Hydraulic
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	

OPTIONS AVAILABLE AT EXTRA CHARGE:

2-speed Wheel Motor Final Drive	
ROPS with Seat Belts	Add 1200 lbs. 544 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. Tires	
w/H.D. Wheels	add 432 lbs. 196 Kg
No-Spin Differential	No Wt. Change
Sprinkler System,	
Gravity feed mats front and rear, 100 Gal. (379 liters)	
Water Tank	add 170 lbs. 77 Kg
Water Fog Spray Bars w/Pump and 100 Gal. (379 liters)	
Tank - Without Mats	add 310 lbs. 141 Kg
Cocoa Mats with Brackets	add 70 lbs. 32 Kg
Nylon Tire Scrapers,	
Spring Loaded	add 50 lbs. 23 Kg
Ballast Compartment	
Covers	add 160 lbs. 73 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
Lockable Engine Hood	
Side Panels	add 25 lbs. 11 Kg
Umbrella, Canvas	add 10 lbs. 5 Kg
11 Wheel Model	add 330 lbs. 150 Kg
Tires (5 Front, 6 Rear)	

*Optional hydrostatic drive eliminates transmission and torque converter.

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	Pressure Per Unit Of Tire Contact Width*	Ground Contact Pressure
Empty	8854 lbs. 4016 Kg	984 lbs. 446 Kg		
Water Ballast	16954 lbs. 7690 Kg	1884 lbs. 854 Kg		84 p.s.i. 5,9 Kg/cm ²
Wet Sand Ballast	25729 lbs. 11670 Kg	2859 lbs. 1297 Kg	490 lbs./in. 87,5 Kg/cm	92 p.s.i. 6,4 Kg/cm ²

*With 14 ply tires inflated to 130 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
Kg/cm ²	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
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	74
2000 GCP-p.s.i.	43	50	55	52	56	60	67	53	56	60	69	75	59	62	65	72	78	86
2500 GCP-p.s.i.	45	52	58	56	59	64	71	57	60	65	74	78	63	66	70	76	83	90
3000 GCP-p.s.i.	47	55	61	60	65	67	75	60	64	69	77	83	66	70	73	80	87	94