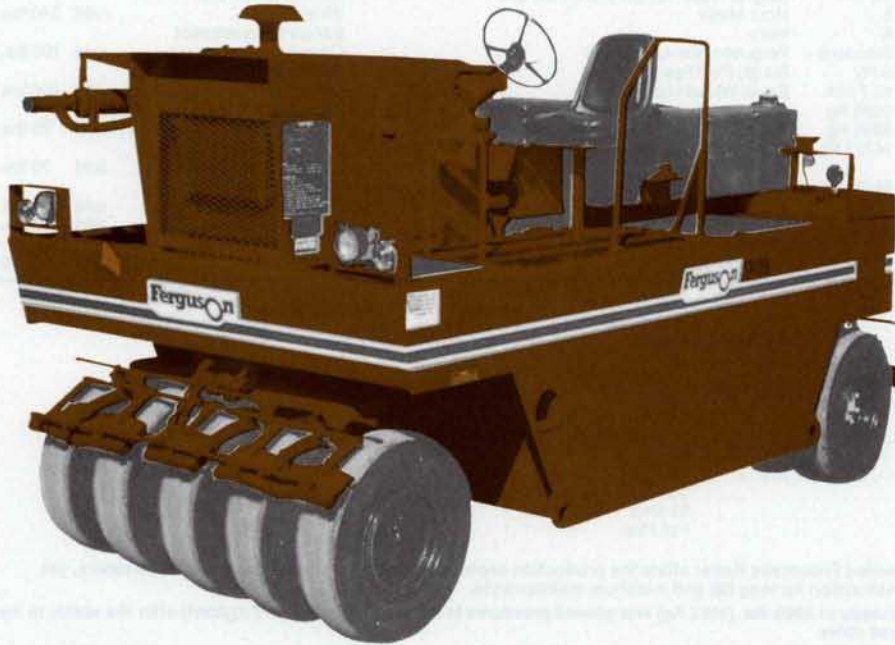




Designed For A Wide Range Of Specifications

Choice Of Water, Sand Or Sand And Additional Metal Ballast Results In:

Individual Wheel Loads In Excess Of 3200 lbs. (1,451 Kg)

Contact Width Pressures In Excess Of 530 lbs./in. (94,6 Kg/cm)

Max. Ground Pressures In Excess Of 95 psi (6,6 Kg/cm²)

- Hydrostatic drive allows new or inexperienced operators to achieve superior results. No-spin differential and final drive planetaries are standard.
- May be ordered for water or sand ballast. All components sized to allow use of 4000 lbs. (1 814 Kg) of additional metal ballast when needed for higher specifications.
- 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 18 m.p.h. (0-29 Km/hr).
- Operator convenience and comfort assured by adjustable cushioned seat, power steering, steering wheel, clear visibility and single lever control.
- Rolling width is same as body width to allow close rolling 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 water tank made of heavy wall polyethylene.
- Optional 10, 12 or 14 ply tires and choice of gasoline or diesel engine.

	U.S.	Metric
Length Overall	160 1/2"	4077 mm
Body width	83"	2108 mm
Height, Top of Body	52 1/4"	1327 mm
Height, Top of Steering		
Wheel	90 1/4"	2292 mm
Height, Top of Hood	81 3/4"	2076 mm
Wheel Base	130"	3302 mm
Ground Clearance	11"	279 mm
Turning Radius	20'	6096 mm
Rolling & Overall Width	84"	2108 mm
Ballast Capacity	170 Cu. Ft.	4.8 m ³
Wheels, Front	5	5
Wheels, Rear	6	6
All Wheel Oscillation	Standard	Standard
Tire Size, 7:50 x 15	6 Ply	6 Ply
Tire Overlap	1/2"	12.7 mm
Weight, Empty	11212 lbs.	5085 Kg
Weight, with Water Ballast	21820 lbs.	9896 Kg
Weight, with Sand Ballast	32462 lbs.	14722 Kg
Weight, with Sand & 4000 lb. Metal Ballast	36102 lbs.	16373 Kg

STANDARD EQUIPMENT:

Hydrostatic Drive
John Deere No-Spin Differential

Rolling Speed:
Hydrostatic Drive
Final Drive, Adjustable
Brakes (Self Adjusting)
Dry Type Air Cleaner with
Safety Element
Steering (Power-Orbitrol) with
Hand Wheel
Fuel Tank Capacity
Lockable Instrument panel cover
Gauges: Ammeters, Engine Oil Pressure,
Engine Water Temperature, Fuel and
Hour Meter
Horn
Ferguson Non-Lead Paint
Six (6) Ply Tires
Equal Wheel Load Adjuster

OPTIONS AVAILABLE AT EXTRA CHARGE:

ROPS with Seat Belts add 1300 lbs. 589 Kg
10 Ply Tires
w/H.D. Wheels add 450 lbs. 204 Kg
12 Ply Tires
w/H.D. Wheels add 462 lbs. 210 Kg
14 Ply Tires
w/H.D. Wheels add 528 lbs. 240 Kg

0-18 mph
Chain
Hydraulic
Hydraulic
50 Gals.
Sprinkler System,
Gravity Feed, Mats Front
& Rear, 100 Gal.
Water Tank add 390 lbs. 177 Kg
Sprinkler System, Pressure Feed
100 Gal. Water
Tank - Without Mats add 330 lbs. 150 Kg
Cocoa Mats and
Brackets add 85 lbs. 39 Kg
Nylon Tire Scrapers,
Spring Loaded add 60 lbs. 27 Kg
Additional 100 Gal.
Water Tank add 340 lbs. 154 Kg
Ballast Compartment
Covers add 190 lbs. 86 Kg
Baffles and Gasketed
Covers for Water Ballast add 400 lbs. 181 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
4000 lb. Additional
Metal Ballast add 4000 lbs. 1814 Kg

POWER UNITS:

Engine Make (Optional) John Deere
Engine Model (Diesel) 4045DL
Number of cylinders 4
Displacement 276 cu. in.
Bore 3.9 in.
Stroke 5.00 in.
Horsepower 80 @ 2500 RPM
Cooling System Capacity 20 quarts
Ignition System 12 Volt
Battery 160 amp. hour
Alternator 65 amp.
Engine Oil Filter Full Flow

The FERGUSON Model SP-1118 Self-Propelled Pneumatic Roller offers the production capacity of many larger and more expensive rollers, yet incorporates sound engineering and construction for long life and minimum maintenance.

A full 84" (2134 mm) rolling width, wheel loads of 3200 lbs. (1452 Kg) and ground pressures in excess of 95 p.s.i. (6, 7 Kg/cm²) offer the ability to meet most specifications with an economically priced roller.

BALLAST DATA

Ballast Condition	Weight	Individual Wheel Load	Pressure Per Unit Of Tire Contact Width*	Ground Contact Pressure
Empty	11212 lbs. 5085 Kg	1019 lbs. 462 Kg		
Water Ballast	21820 lbs. 9896 Kg	1984 lbs. 900 Kg	381 lbs./in. 68 Kg/cm	85 p.s.i. 6.0 Kg/cm ²
Wet Sand Ballast	32462 lbs. 14722 Kg	2951 lbs. 1338 Kg	497 lbs./in. 89 Kg/cm	93 p.s.i. 6.5 Kg/cm ²
Wet Sand and 4000 lbs. (1814 Kg) Additional Metal Ballast	36102 lbs. 16373 Kg	3282 lbs. 1488 Kg	534 lbs./in. 95 Kg/cm	96 p.s.i. 6.7 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	130
Kg/cm ¹	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	57	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
3500 GCP-p.s.i.		57	63	62	67	71	80	64	67	71	81	86	68	73	76	83	90	94	98

Distributed By:

Ferguson