

Serving the road industry since 1975, WRT's focus on quality-built equipment providing a long service life, blended with excellent service, is our foundation for success.

WRT

PT13W & PT15W Pull-Type Water Ballast Pneumatic Tire Roller



WRT's wealth of experience in engineering and manufacturing produces industry leading pull-type pneumatic tire rollers.

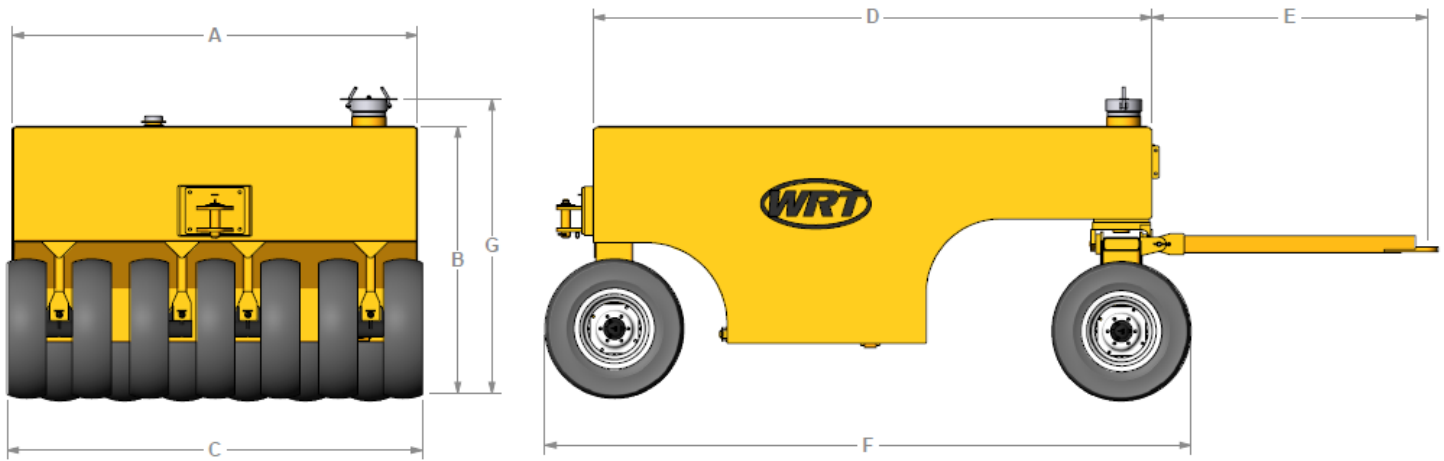
FEATURES

- Low center of gravity ballast compartments provide stability and uniform weight distribution
- Water-tight pressure tested ballast body with water baffles to minimize water movement
- Welded ballast lid with lockable 2½" vent cap
- 6" camlock fill cap
- Lockable drain plug in ballast body
- Rear tow hitch for multiple unit towing
- Removable hinge-type front tow hitch
- Heavy-duty bolster assembly with axle support members
- Replaceable maintenance free kingpin bushing
- Heavy-duty 6-bolt cast steel hubs
- Triple-lip hub seals
- Wheel pairs oscillate on centre pivot
- Heavy gauge steel wheels
- Replaceable sacrificial anode for corrosion protection
- Smooth, wide-tread compactor tires

Available Options:

- Anti-syphon filler tube for hydrant filling
- Cargo rail
- Anti-skid coating for ballast top surface

- ★ Compact versatility in soil, gravel and asphalt
- ★ Front and rear tires overlap for constant surface contact
- ★ Economical compared to high-priced self-propelled packers
- ★ Tow multiple units with one tractor for maximum compaction – saves time and money



ITEM	PT13W	PT15W
A Overall Body Width	7' 3 1/2" (2.22 m)	8' 3 3/4" (2.53 m)
B Overall Height	4' 10 3/4" (1.49 m)	4' 10 3/4" (1.49 m)
C Rolling Width	7' 6" (2.29 m)	8' 6" (2.59 m)
D Ballast Length	10' 0" (3.05 m)	10' 7" (3.23 m)
E Ballast to Hitch Center	4' 9 1/2" (1.46 m)	5' 7 3/8" (1.71 m)
F Overall Length Hitch Removed	11' 6 1/2" (3.52 m)	12' 1 1/2" (3.70 m)
G Height to Top of Fill Cap	5' 4 3/4" (1.64 m)	5' 4 3/4" (1.64 m)
Ballast Capacity (Maximum)	1,370 U.S. gal. (5,180 L)	1,600 U.S. gal. (6,080 L)
Wheel Base	109 1/2" (278.13 cm)	116 1/2" (296 cm)
Shipping Weight	6,280 lbs. (2,848 kg)	6,900 lbs. (3,130 kg)
Shipping Weight (with optional foam filled tires)	7,775 lbs. (3,527 kg)	8,620 lbs. (3,910 kg)
Number of Wheels	13 (6 on front, 7 on rear)	15 (7 on front, 8 on rear)
Wheels	15 x 6	

NOTE: The supplied and recommended tire pressure is 40 psi. Other tire pressures up to 60 psi can be used to vary compaction results as indicated in the table below.

COMPACTION DATA

(8.50 x 15, 6 Ply, Smooth Wide Tread Compactor Tires)

WHEEL LOAD	GCP *GCP=Wheel Load Footprint Area psi (kPa)	PUW **PUW=Wheel Load Tire Width lbs./in. (kg/cm)	TIRE PRESSURE psi
1000 lbs. (454 kg)	37 (255)	175 (31.3)	35
	39 (269)	181 (32.3)	40
	44 (303)	192 (34.3)	50
	49 (338)	204 (36.4)	60
1500 lbs. (680 kg)	40 (276)	222 (39.6)	35
	42 (290)	227 (40.5)	40
	47 (324)	237 (42.3)	50
	52 (359)	250 (44.6)	60

* GCP (Ground Compact Pressure) is a measure of the pressure acting on the footprint area of the tire.

** PUW (Pressure Per Unit of Tire Contact Width) is a measure of the force acting on each inch of tire width.

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