



PT-125R

Pneumatic Tire Compactor



*Moving the
World Forward*

The compactor for your kneading requirements

The Ingersoll Rand PT-125R is a nine-wheel pneumatic tire compactor typically utilized on hot mix asphalt. The four front tires overlap with the five rear tires, providing complete material coverage for consistent texture and appearance. Uniform compaction, even on irregular surfaces, is achieved with tire oscillation maintaining full tire contact pressure.

MODEL		PT-125R
MACHINE WEIGHTS		
Shipping Weight – lb (kg)		8,469 (3841)
Operating Weight – lb (kg)		Unballasted 9,096 (4125)
		With water ballast 16,712 (7579)
		With wet sand ballast 24,346 (11041)
		With concentrate ballast 27,396 (12424)
MACHINE DIMENSIONS		
Length – in (mm)		153.2 (3892)
Width – in (mm)		78 (1980)
Height – in (mm)		Top of steering wheel 86 (2185)
		Top of ROPS 127 (3225)
		Top of ROPS / FOPS 115 (2912)
Wheelbase – in (mm)		114.6 (2921)
Curb Clearance – in (mm)		13.0 (330)
Inside Turning Radius – in (mm)		151.5 (3848)
COMPACTION		
Rolling Width – in (mm)		68 (1727)
Tire Overlap – in (mm)		0.5 (12)
Wheel Load Per Tire (avg) – lb (kg)		Unballasted 1,011 (458)
		With water ballast 1,857 (842)
		With wet sand ballast 2,705 (1227)
		With concentrate ballast 3,044 (1380)
Ballast Compartment – cu ft (m ³)		122 (3.5)
PROPULSION		
System Type		Hydrostatic drive
Drive		Direct at 4 rear wheels
Travel Speed – mph (km/h)		High 15.5 (25)
		Low 7.8 (12.5)
ENGINE		
Make & Model		Cummins B 3.3T-85
Electrical System		12 V DC, negative ground, 60 A alternator
Rated Power @ 2,600 rpm – hp (kW)		85 (63.4)
MISCELLANEOUS		
Fuel Capacity – gal (L)		27 (102)
Hydraulic Oil Capacity – gal (L)		16 (61)
Gradeability (theoretical)		31%

STANDARD FEATURES

- Back-up alarm
- Fold-down ROPS for transport
- High wheel-loading capability with 14-ply tires
- Horn
- Hour meter
- Hydrostatic propulsion system
- Indicator lights for battery discharge, low engine oil pressure, high engine coolant temperature, and secondary brake engagement
- Pressurized water system with individual tire cocoa mats
- ROPS and seat belt

SELECTED OPTIONS

- Engine air precleaner
- Four-way flashers and turn signals
- Gauges for fuel level, voltmeter, hydraulic oil temperature, engine coolant temperature, engine oil pressure, air filter restriction
- Michelin tires with non-stick tread
- ROPS / FOPS
- Rotating beacon light
- Speedometer
- Tire scrapers
- Vandal cover for console and engine
- Work lights

TIRES

The PT-125R comes standard with four front and five rear 7.5-15, 14-ply tires. The front tire pairs each oscillate + / - 3°.



WATER SYSTEM

The PT-125R comes standard with a 100 gal (37.9 L) pressurized water system utilizing an electric diaphragm pump. Each tire has one spray nozzle with a 100 mesh filter in addition to the primary 80 mesh filter and tank inlet strainer.



CONTACT PRESSURE

INFLATION PSI	14-PLY				
	35	50	70	90	110 130
1,011 lb	46	50	56	61	68 74
1,857 lb	53	58	64	71	77 84
2,705 lb	58	64	71	78	85 92
3,044 lb	—	66	73	80	87 94



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