



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 | | 14-PLY | | | | | |
|------------------|-----|--------|----|----|----|-----|-----|
| INFLATION | PSI | 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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