

DD-138

DD-138HF Large Asphalt Compactors

Moving the World Forward

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Ingersoll Rand

Accelerate your productivity

The Ingersoll Rand DD-138HF is a 13.5-tonnes, 84-inch drum, high-frequency, asphalt compactor. The high-frequency design allows for faster rolling speeds to keep up with the paver. High frequency also assists in reaching target densities quicker by compacting in higher temperatures. Designed with exclusive Ingersoll Rand 8-amplitude technology, the DD-138HF fine-tunes drum energy for differing materials and changing conditions. Adjusting drum amplitude by only a thousandth of an inch can mean the difference between achieving required density or fracturing aggregate particles in the mix. Eight amplitudes are not a luxury when you consider what's at stake.

MACHINE WEIGHTS W/ ROPS / FOPS Operating Weight (CECE) – Ib (kg) 30,325 (13752) Weight @ Front Drum – Ib (kg) 15,880 (7202) Weight @ Rear Drum – Ib (kg) 14,445 (6551) Shipping Weight – Ib (kg) 28,728 (13028) MACHINE DIMENSIONS
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Drum Winers Front & rear rubber winers for each drum
Water Tank Capacity – gal (L)328 (1241)
MISCELLANEOUS
Articulation Angle (center pivot steering) + / - 35°
Oscillation Angle + / - 10°
Fuel Tank Capacity – gal (L) 68.4 (259)
Fuel Tank Capacity – gal (L) 68.4 (259) Hydraulic Oil Capacity – gal (L) 32 (121.1) Gradeability (theoretical) 32%

Product improvement is a continuing goal at Ingersoll Rand. Designs and specifications are subject to change without notice or obligation.



OPERATING COMFORT AND CONTROL

Ergonomic design of switches and controls promotes smooth and efficient operation. Lighted instrumentation makes evening and nighttime work easier.

Swivel console places controls within optimum reach. As part of the operator platform, a 5-position swivel console optimizes operator performance.



PERFORMANCE FEATURES

- Constant 3,200 vpm system allows high, predictable rolling speeds
- Eccentric rotation automatically matches direction of travel, improving smoothness
- Excellent visibility with clear line-of-sight to the leading drum edge
- Exclusive machined drums with chamfered, radiused drum edges minimize drum edge marking and facilitate finish rolling
- Industry-leading centrifugal force of 42,260 lb for maximum compaction effort
- Patented Impact Spacing Meter provides operator with a visual reference for speed control to maintain proper impact spacing, resulting in consistent smoothness
- Premium shock and vibration isolated operator platform and ROPS/FOPS, with 5-position swivel console
- SMART start drum vibration system vibration initiates with lead drum, followed by trailing drum for compaction efficiency

AVAILABLE OPTIONS

- Back-up alarm
- Cocoa mats
- Engine air pre-cleaner
- Engine grid heater
- Front and rear halogen work lights
- Fuel strainer
- High Intensity Discharge (HID) lighting with drum edge lighting
- Ingersoll Rand infrared pavement surface temperature sensor
- Maintenance package
- Strobe light
- Urethane wipers
- Winterization kit



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