Oscillation Now Available
On Hamm Compact Rollers

March 17, 2015 – Exclusive Hamm oscillation compaction – previously available only in Hamm’s larger tandem asphalt rollers – now is available in Hamm’s Compact Line as well.

At World of Asphalt 2015, these oscillation rollers were represented by the new HD 14 VO roller. The HD 12 VO and HD 14 VO Compact Line rollers feature standard vibration in the front drum, and oscillation in the rear. They’re part of the complete Compact Line, which was represented at World of Asphalt by the HD 10C VV, with standard vibration in both drums.

Hamm’s unique, non-aggressive oscillation technology has changed the way contractors work in North America. Oscillation technology compacts with a gentle rocking motion, not a vertical pounding, and can be a powerful new tool for boosting asphalt paving productivity and profits.

Instead of vibrating straight up and down, the Hamm oscillatory design gives the drum a horizontal or "rocking" force which keeps the drum in contact with the mat. Hamm oscillation technology attains very high compaction numbers with minimal passes and no shattering of aggregate. Some contractors have found it permits contractors to remove one or more rollers from a job.
Models of the new Compact Line – with drum sizes from 31 to 54-in.-wide – are functional yet user-friendly, and quiet yet powerful. These articulated tandem rollers offer big-time compactive effort in a small package equally at home for patching, commercial or roadbuilding applications.

The Compact Line includes the **HD 8 VV**, with a drum width of 31.5 inches; the 39-inch **HD 10 VV** and the same-dimensioned but lighter weight **HD 10 C VV**; the 47-inch **HD 12 VV**; the 51-inch **HD 13 VV**; and the 54-inch **HD 14 VV**. Each offers an offset capability to enable compaction right up against a curb without risking damage from the trailing drum. The **HD 10 VT, HD 12 VT, HD 13 VT** and **HD 14 VT** are combination models with smooth drum in front, and four smooth pneumatic tires in rear.

**VV** stands for “Vibration Front, Vibration Rear”, in which both drums offer vibration, with the capability of vibration running in the front drum only, in the rear drum only, in both drums, or no vibration. The Compact Line offers hydrostatic dual drum drive, automatic/manual vibration system, hydrostatic articulated steering and excellent maneuverability.

Key features of the Compact Line include its excellent visibility to the drum edges, as the engine is mounted lengthwise and not sideways in the frame, low profile, and ease of handling. Its superb driving characteristics are due to its unique three-point articulation that maintains even weight distribution across the drum width, even in tight turns, thus reducing cutting on the asphalt surface, and its high compaction force and low center of mass.

The operator platform is fully insulated against vibration, thus improving comfort levels. The operator’s seat, steering column and tread plate are mechanically isolated from the framework, which significantly reduces vibration and makes working with the Compact Line even more pleasant.

**BACKGROUNDER**

Wirtgen America Inc., Nashville, is the North American arm of the Wirtgen Group, the single-source marketer of the world’s most technologically advanced lines of asphalt reclaiming/recycling, concrete slipform, and surface mining equipment from Wirtgen, asphalt and soil compactors from Hamm, asphalt pavers from Vögele, and construction materials processing equipment from Kleemann.

Reinhard Wirtgen, founder of Wirtgen Group, was honored as one of the "Top 100 Private Sector Transportation Design & Construction Professionals of the 20th Century" by the American Road & Transportation Builders Association (ARTBA).

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