**Ciber | New generation iNOVA 1200 launches at Paving Expo 2025**

**At Paving Expo 2025 in São Paulo, Ciber presents the iNOVA 1200 – a mobile asphalt mixing plant that sets standards for the Latin American market in terms of mobility, quality, and efficiency. With a production capacity of up to 120 t/h, this model has become established as one of the key solutions of the iNOVA range, offering advantages in terms of production costs and reliability.**

The iNOVA 1200 was developed for maximum convenience and consists of only one mobile unit, substantially reducing transport and installation costs. This compact and efficient design enables fast transport between job sites and is beneficial for companies who work on different road construction projects and need flexibility without compromising on production capacity.

**New mixer and mineral conveyor**

The new generation of the iNOVA 1200 offers several innovations: the external two-shaft mixer with two motors (pugmill type) with automatic fill control, homogeneous mixing, and robustness to compensate for material flow fluctuations during production. The plant is also equipped with a new drag chain conveyor which is more robust and durable, with reinforced chains, easier maintenance, and reliable operation even in challenging conditions.

**New integrated pump system**

The pump system that is integrated on the plant chassis includes bitumen pumps as well as fuel pumps as another key component. This configuration optimizes installation, reduces complexity during operation, and increases process reliability. One highlight is the Coriolis mass flow meter for bitumen, which ensures precise dosing of the bitumen during the entire production process.

**Precise dosing**

To ensure the mixture quality, the iNOVA 1200 is equipped with moisture sensors that are installed directly in the feed hoppers. Real-time measurements enable automatic adaptation of the virgin mineral dosing, correct deviations in the grain size distribution, and optimize bitumen consumption. This feature helps reduce the cost per ton of asphalt produced and increases the process reliability, in particular in the case of aggregates with high moisture levels or in fluctuating climatic conditions.

**Energy efficiency and sustainability**

In combination with the Ciber burner, the counter-flow drying system provides an efficient combustion process with optimized fuel consumption and low CO₂ emissions. The robust filter system is designed for a long service life and ensures that the plant complies with the most stringent environmental standards.

**Integrated control system and ease of use**

Thanks to the integrated intuitive control system, operation of the plant is easy, reliable, and fully automated. The air-conditioned cab with ergonomic controls offers a high level of comfort and convenience while also helping to increase production efficiency. This combination enables even teams with different levels of experience to control the plant safely and reliably.

**Use of reclaimed asphalt paving**

The iNOVA 1200 is designed for producing different types of asphalt mixtures. Up to 25 % RAP material can be used in the plant. Thanks to its flexibility, the plant can meet the requirements of the different asphalt recipes.

**Optimized maintenance**

With a focus on maximum availability, the iNOVA 1200 is equipped with a digital fault diagnostics system that continuously monitors the main components of the plant. Wear parts such as the mixer components and filter bags are extremely durable, which reduces downtime and maintenance costs.

**Photo:**

  
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With the iNOVA 1200 mobile asphalt mixing plant, Ciber sets standards for the Latin American market in terms of mobility, quality, and efficiency.

Please note: The photographs shown here are only previews. If you wish to use them in your publications, please download the higher resolution (300 dpi) versions from the Wirtgen Group web pages.

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