

Blend Plants recycles 100% milled asphalt for cold asphalt production

Blend mobile plants are renowned for their versatility and multitasking and are designed to meet the needs of the construction sector in an eco-friendly way by preparing concrete using recycled materials or producing cold asphalt using recycled milled asphalt.

Site management, the number of machines to be used, the number of means of transport and material logistics are just some of the challenges to be faced in roadworks. Blend Plants' E-series range offer solutions suitable for various jobs in the road sector.

One plant, many productions

Thanks to their structure Blend plants are able to produce concrete, cementitious mixture and cold asphalt. Mixing and laying take place with precision, allowing for leaner and quicker work, limiting the number of vehicles used and therefore increasing site safety.

Having two or three hoppers for aggregate storage prevents the need for external suppliers. Blend E-series are used in different types of road works; from the covering of trenches for the laying of pipes and systems, to the creation of the final wear layer in cold lay bituminous conglomerate.

Blend has worked on many projects in Africa. In the city of Kinshasa, Congo, a Blend E050 produced cold asphalt emulsion for the realisation of a road in 2015.

The versatility of the E050 plant makes it possible to simplify and speed up many roadworks, allowing operators to work smoothly in urban settings, reducing the impact on daily traffic and



Cold asphalt production from 100% milled asphalt with Blend A240.

Image Credit: Blend Plants

citizens. These are aspects appreciated by machine customers and clients alike.

The Blend A240

Another product designed by Blend is the A240 available with two to five hoppers in order to meet large-scale production needs which requires frequent conglomerate changes or the use of different aggregates.

The Blend A240 can produce cold asphalt from 100% milled asphalt. Mixing takes place

continuously with production levels up to 120 m³/h thanks to the mixer with a continuously counter-rotating twin shaft.

Once a load of cold asphalt is ready, it is possible to mix with a cementitious conglomerate or any other mixture.

Electronic management allows customers to set the various recipes in a direct and user-friendly way, making it possible to alternate the production of cold asphalt with cementitious conglomerates with specific Rck without wasting time.

The Blend A240 perfectly meets the needs of this production, which requires on-site plants, to reduce transport costs, but it is also easy to disassemble/reassemble for moving from one site to another. The A240 is a truly mobile plant and can be ready to work in an hour as positioning and installation do not require cranes, ladders or electrical earthing. Additionally, weights and dimensions are within the standards, so no oversized transport is required.

Each plant is built according to the customer's needs. Blend's strength is being able to understand the construction industry's actual issues and to design customised solutions to improve the work and profitability of its customers. ■



Road works with a Blend Seventy.

Image Credit: Blend Plants