

Mobile and versatile Blend concrete mixing plants

Blend Plants, a company specialized in manufacturing automated mobile plants for the production of concrete, cold asphalt and recycled material, produces around 130 plants a year, distributed all over the world.

Since 2007, Africa has become one of Blend's major commercial stakeholders and, today, the company has dealers and clients all over the continent in countries such as Egypt, Ethiopia, Congo Kinshasa, Ghana and Uganda with recent openings in Burkina Faso, Mali and Niger. Recently the CEO of Blend, Paolo Biglieri, became the vice president of Confindustria Assafrica & Mediterraneo, the Italian private association for industry, in order to connect the Italian industrial sector with the growing African economy.

Blend machines are known for their versatility and implementation of new technology. Automation in the production process is fundamental to Blend Plants, while innovation remains an important feature of business. Maintaining such standards is the result of many years of experience combined with the attention to construction aspects in order to understand the clients' needs and to offer tools to improve the quality, efficiency and profitability of their work.

The A240 plant

Blend Plants is always looking to improve its machines and design new models. Among the most

innovative products designed by Blend, the mobile A240 plant is the most revolutionary proposed in the last few years. This high output plant has changed the production in large work sites and in the recycling process. The A240, in fact, represents a truly mobile plant, easy to transport on a standard low loader truck, fast to set up and simple to operate.

Variable speed belt conveyors transfer the aggregates from the hoppers to the twin shaft intensive mixer. Dosing of cement and additives is by weight (negative weighing, to give greater accuracy and reliability) and dosing of water, emulsion and other additives is electronically controlled by the onboard PLC. GPS and remote control systems allow customers to have complete management information regarding production and stock levels at all times.

E-series range ensures zero waste

Another Blend product which has a high market demand is the E-series range of mobile plants, with four models differing in size and aggregate capacity: E015, E025, E050 and Seventy.

Thanks to the internal structure



This Blend plant is used for mixing cold asphalt in Congo.

Image Credit: Blend Plants

which stocks raw materials in separate compartments, there is no waste of material, and only the necessary is mixed in small or large quantities. By changing the recipe it is possible to mix different qualities of concrete with the same load.

The compactness and mobility of Blend plants allow them to operate even in the most remote or difficult to reach construction sites.

E-series plants are available with a wide range of optional equipment, and can be coupled with Blend's well-designed range of horizontal cement silos. All models can be installed on truck, rail wagon or fixed or hydraulic supports for greater autonomy and safety.

One main feature of Blend Plants is to satisfy the client's requirements, hence each Blend plant is a unique tailor-made piece.

The last E-series optional recently presented is an upgrade of the Seventy model, renamed Seventy.2 due to the introduction of a continuous double twin shaft paddle mixer. The Seventy.2 offers larger production outputs and can mix "difficult" materials due to its more powerful mixer: all the

compactness of Seventy together with the power of A240!

Furthermore this year Blend developed a new control panel for an even easier and intuitive use of the plants by the operators. The new panel allows a remote control from the client's head office and also a remote assistance by Blend technicians as well as the traditional Blend system of precise weighing of materials and the accurate recipe control.

Each Blend plant can produce different types of concrete, cold asphalt and mix 100% of recycled aggregates. Together with Betonblock molds, a Dutch brand, Blend machine represents a smart solution to use recycled material from construction waste, for the production of modular concrete blocks.

Blend Plants is a constantly growing company; its goal is to improve year after year by providing innovative solutions to meet the needs of the present. ■

More information can be found on Blend Plants' website: <https://blendplants.com/>



Blend E050 mounted on truck for the production of concrete

Image Credit: Blend Plants