

Echo Precast Engineering NV, 3530 Houthalen, Belgium

Sustainable modernization: E. Victor Meyer relies on new technology in hollow core production

With sustainable technologies and strategic investments, E. Victor Meyer shows how innovation and efficiency can go hand in hand in the construction industry. By using state-of-the-art machines from Echo Precast Engineering, a Progress Group company, the company is strengthening its market position and reducing its carbon footprint at the same time - setting an example for the entire industry.

E. Victor Meyer in Belgium, originally founded in 1980 as a transportation company, has developed into a major player



Raymond Palm, Managing Director E. Victor Meyer.

in the construction industry. After expanding its business areas - from crushing and screening stones to the production of prestressed concrete products - the company is now pursuing a clear strategy: modernization through innovative technologies.

Strategic investments in efficiency and sustainability

In view of rising cement prices and increasing requirements for CO₂ reductions, E. Victor Meyer invested in an extensive modernization of its production facilities. The aim was to make processes more efficient, cost-effective and environmentally friendly. The company relies on technology from Echo, including the S-Liner® T30 slipformer, a SmartJet automatic plotter and a concrete extraction machine.

S-Liner T30 slipformer: sustainability and speed

The switch to the slipformer technology was a milestone: by using "zero-slump concrete", cement consumption was reduced by up to 20%, which significantly improved the carbon footprint. In addition, the curing time was reduced from 24 to 16 hours - an increase in efficiency of 30%.



The S-Liner® slipformer ensures automatic production of prestressed concrete slabs with less cement.



Automating production increases the quality of the end products.

SmartJet plotter: precise and digital

The SmartJet automatic plotter optimizes production with precise markings, integrated drilling of drainage holes and paperless documentation. The result: higher product quality with reduced workload.

Concrete extraction machine: focus on ergonomics

Complex elements with numerous openings can be produced faster and more ergonomically with the concrete extraction machine. For the employees, this means a considerable reduction in physical strain.

"Reducing the amount of cement was the most important aspect of the modernization, but better curing was also important. Where we used to need 24 hours, we now need 16 to 18 hours," says Raymond Palm, Managing Director at E. Victor Meyer.



The SmartJet automatic plotter works exactly according to CAD specifications and is responsible for precise markings.



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The concrete extraction machine removes the excess concrete and thus relieves the strain on employees.



The new machines from Echo Precast Engineering have made processes more efficient, cost-effective and environmentally friendly.

Current market trends as drivers

Modernization not only enables E. Victor Meyer to make cost savings, but also to comply with future environmental standards - a decisive advantage in an industry that is increasingly focusing on sustainability. At the same time, the company is responding to the trend towards pre-stressed concrete elements, the demand for which is increasing, particularly for floor elements. In order to meet this development, E. Victor Meyer took over another company that was already producing prestressed concrete and expanded its portfolio in a targeted manner.

"The fact that Echo is only an hour away and that we had already been working together for many years was certainly a strategic advantage. From the consultation to the installation of the new machines, they supported us and the project with expertise and reliability," says Raymond Palm about the collaboration with the Belgian company.

A big step into the future

By investing in modern machinery, E. Victor Meyer is setting an example for innovative strength and sustainability. The new technologies not only ensure competitiveness but also strengthen the company's position as a future-oriented market leader in precast concrete production. ■



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FURTHER INFORMATION



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