



Company News

Terex MPS installs first large-scale Modular Solution in the UK

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Cedar Rapids (IA), United States -

Terex[®] MPS, a leading global provider of modular crushing, screening, and conveying solutions, has successfully installed its first large modular plant in the United Kingdom. The UK-based customer, a market leader in sustainable building materials, road contracting, and building products was seeking a solution to reduce dust emissions and lower diesel costs. Terex MPS designed a fully electric modular setup, which included four modular plants: two Terex MPS MC320 cone modules and two Terex MPS MHS6203 screen modules.



Terex installed its first large all electric modular plant in UK
(Pictures: © Terex MPS)

Jake Wilson, Territory Sales Manager, Terex MPS explains, "The primary challenge of the design process was achieving a solution that reduced dust while maintaining material shape and throughput. We reduced dust content by having a lower initial reduction ratio while improving product shape through better stone on stone attrition and a more consistent crushing ratio. The solution we provided was a tailored solution to address customer needs and overcome industry-specific hurdles."

Blasted limestone is fed through a primary crusher at a rate of 450tph and processed through an impactor and sizing screen. The 40-160mm product enters the secondary crushing phase, a Terex MPS MC320 cone module, then to the Cedarapids MHS6203 modular screen. Finally, oversized material from the Cedarapids MHS6203 goes to the tertiary Terex MPS MC320 cone module before re-entering the MHS6203. The final output achieved is varied limestone aggregates including -4/4-6/6-10/10-14/14-20mm.



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The plant was successfully sold through PowerX Equipment, trusted distribution partner of Terex MPS. Together Terex MPS and PowerX Equipment ensured reliable communication and support throughout the acquisition process. "From initial design discussions to the commissioning phase, Terex MPS worked with PowerX Equipment to provide comprehensive support to the customer," said Wilson. "The collaboration involved site visits, equipment training, and fine-tuning during the commissioning process to ensure optimal plant performance."

Concluding, Wilson added, "This installation marks the UK's first large modular plant by Terex MPS and serves as a flagship project, demonstrating the positive impact that eco-conscious solutions can have in the quarrying and construction industry."