



Mobile Hydraulics & Controls



Case Study: Engine-Mounted Generator Improves Efficiency and Creates a New Product Offering for Mauldin Paving Products

Cross Company replaced a secondary power source with an engine-mounted generator to create an electric screed at a competitive price.

Mauldin Paving Products is an Original Equipment Manufacturer (OEM) of asphalt paving equipment, based near Greenville, SC. They produce over 200 pieces of equipment per year which are sold throughout North America via a dealer network. Their commercial pavers can be generally classified as small, running a 49 horsepower engine, medium (74HP) and large (110HP) and are used by contractors and municipalities of all sizes. All have a heated screed which requires additional power to operate correctly.

Cross's account manager, Steve Burton, saw an opportunity to improve the efficiency in the large machine using a generator mounted on the engine's bell housing. When he took the idea to Mauldin, their Vice President of Engineering Product Development, David Calder, immediately saw an opportunity – not in the large paver but the medium one – to power the screed without having to upsize the engine.



[Continue Reading](#)



ICUEE 2019 Louisville KY

For those of you who came to ICUEE in Louisville this year, thank you for stopping by and chatting with us about the latest in hybrid and hydraulic controls technologies. We hope you enjoyed seeing our demo vehicle and learning how Cross can assist you to develop highly efficient solutions to optimize your mobile equipment performance. If you'd like to discuss your application in more detail, please contact us!

[Contact Us](#)

