

Vermeer

Location: World Wide Applications

Challenge: Provide power to the Vermeer R9x12T reclaimer

Solution: JD275-02
JD275-03 IT4
JD250-50-01



When construction equipment manufacturer Vermeer was faced with the challenge of providing a power source for newly-developed machinery, Blue Star Power Systems had the solution in the form of dependable, custom-designed onboard gen-sets.



Vermeer, a leading construction equipment manufacturer, recently developed the R9X12T to work in conjunction with its large horizontal directional drill (HDD) line-up. The purpose of the reclaimer is to recycle drilling fluids during large-scale pipeline boring projects that involve high volumes of drilling fluids. All of the reclaimer's functions – pumping, shaking, and mixing – are powered by an onboard generator set.

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When it came to selecting a power source for the R9X12T, Vermeer looked to Blue Star Power Systems and its distributor North Star Power of Ankeny, Iowa, to develop a reliable, customized, prime-power gen-set. David Gift, Pipeline Engineering Manager states, “We have partnered with North Star Power with some of our other equipment and have always been pleased with the results. Their products and service continually satisfy our needs and meet our expectations. When we developed the R9x12T, it only made sense to utilize a Blue Star Power Systems product as the primary power source.”

“It raises the stakes when a customer’s entire project relies on your power source,” said Tim Malloy, vice president of North Star Power, the leading John Deere distributor of the Midwest. North Star Power has worked closely with Blue Star Power Systems to not only deliver products with the latest emissions technology, but also provide unmatched reliability and performance. Malloy goes on to say, “We are thrilled to be able to deliver a quality product like Blue Star Power Systems.”

There are three primary models: A 250 kWe, 60 Hz model is available with either a 6090HFG95 440 hp Interim Tier 4 or a 6090HF284 422 hp Tier 3 engine. For non-regulated regions, a Stage II 6090HF475 408 hp engine rated at 1500 rpm powers a 50 Hz unit. All engines power either 480V (60 Hz) or 380V (50 Hz) alternators. The gen-sets are built in accordance to UL 2200, the Standard for Safety of Stationary Engine Generator Assemblies.

Vermeer can confidently depend on the success and support of their product. David Gift added, “We have no hesitation in trusting the performance of our R9X12T or the power created by the Blue Star Power Systems gen-set.”