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PowerSource™ is a publication of John Deere Power Systems. PowerSource is published quarterly for John Deere Engine Distributors, OEMs and end-users of John Deere engines and drivetrain components. Subscriptions to this publication are available free of charge. Log on to www.JohnDeere.com/powersource to request or modify your subscription. Inquiries can also be sent to the below address:

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FEATURE STORY

Ohio is home to the world's largest Amish settlement and the biggest cluster of woodworking shops. Resisting any link to the power grid, many Amish shops and mills rely on John Deere engines to power equipment. That's certainly the case for one of Holmes County's largest furniture producers. Country View Woodworking relies on John Deere engines to keep pace with 9,000 pieces of furniture the company produces annually.10

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Great gushers

ETEC pours out its innovation on a new high-volume, John Deere-powered floating pump

For many years, moving large volumes of water meant installing a traditional concrete pumping station. These stations, consisting of a series of stationary axial pumps or centrifugal pumps in a concrete civil structure, are typically costly to build, expensive to maintain, and difficult to install.

ETEC S.A. of Cartagena, Colombia, aims to revolutionize the way we move water with an award-winning floating pump. Its patented design consists of a high-capacity axial flow pump powered by a PowerTech™ 6125H engine. The pumping unit is mounted on a 6-meter (20 ft.) container frame with a flotation chamber filled with low-density polyurethane foam. Because it is self-contained, it does not require a pumping station, making it fast and easy to install. In fact, ETEC floating pumps can be installed in less than two hours for emergency flood control.

“The floating pump challenges conventional pump stations that are costly, time consuming, and troublesome to build,” explains Enrique Segrera, ETEC technical manager. He says the floating pump is an economical solution for flood control projects, agricultural irrigation districts, aquaculture farms, and other water-management projects.



At the heart of the ETEC unit is a PowerTech 6125H engine that drives a high-capacity axial flow pump.

And does it gush. The John Deere-powered pumping system is capable of moving more than 264,901 liters per minute (70,000 gpm) — a rate that is equivalent to filling an Olympic pool in just five minutes. It is designed for continuous operation.

ETEC chose John Deere engines for their outstanding, field-proven performance, Enrique says. “Most of our pumps run 12- to 18-hour day shifts, 240 to 300 days a year in harsh conditions. Our clients require economically effective solutions that they can rely on.”

Currently, ETEC is present in over 23 countries, with pumping stations working in such places as Holland, New Caledonia, Saudi Arabia, Central America, and South America. The company aims to be a worldwide supplier of pumping solutions, says Enrique, adding that the John Deere network of dealers is important to the products’ success.

“Our business demands an engine provider with a dealer network that can take care of our clients’ needs,” he says, “wherever they might be located.”

For more information on the ETEC floating pump visit: www.etcscsa.com

Emissions Cert.	Tier 2/Stage II
Engine Model	PowerTech 6125HF070
Displacement	12.5L
Rated Power	317 and 392 kW (425 and 525 hp) @ 2100 rpm
Cylinders	6
Aspiration	Air-to-air aftercooled
Distributor	Engines, Inc. Jonesboro, Arkansas (870) 268-3700 www.enginespower.com

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