

Dive deep into Deere

This luxury liveaboard dive yacht cruises the islands with five PowerTech marine engines.

This PowerTech 6125AFM marine propulsion engine has a twin in the engine room. Also sharing space are three John Deere-powered gen-sets.



It's hard to top a scuba diving vacation aboard the *Utila Aggressor II*.

Savor the thought: Seven sunny days aboard a 37 m (120 ft.) luxury liveaboard. Gourmet meals. Hot tub. Deluxe staterooms. Oh, did we mention that it cruises the beautiful Bay Islands off of the north coast of Honduras? Take in five dives a day and check out the dolphins, whale sharks, sea turtles, sea horses, schools of tropical fish, and more.

Yeah, it's paradise, alright. What you may not notice is that five John Deere marine engines power the *Utila Aggressor II*. That's right — five. Two PowerTech 6125AFM marine propulsion engines and three gen-set engines to power all of the amenities that you'll enjoy. You know, the stereo system playing your favorite tunes, and the freezer/refrigerator that contains all of your gourmet foods and drinks.

Think of the quiet, reliable John Deere engines as a way to cruise into the relax mode.

The *Utila Aggressor II* is so nice, even Troy Bodden, captain at Utila Dive Ventures doesn't know that he's actually working. And he's forthright about his preference for the John Deere marine engines that make his work even more worry free. "The John Deere engines run really well and are very, very reliable," says Troy, relating to his years of experience with John Deere. "They're easy to work on. That's key for us."

As the boat was being built, Troy commissioned Allemand Industries, Inc., a John Deere marine dealer in New Orleans, Louisiana, to fill the hull of the *Utila Aggressor II* with John Deere engines.

Inside the spacious engine room are three gen-set engines. Two PowerTech 4045TFM engines drive 65 kWe gen-sets, which alternately supply stateroom power. A PowerTech 4024TFM powers a 30 kWe gen-set that powers the electricity while the vessel is docked.

To propel the vessel, Allemand Industries installed twin PowerTech 6125AFM engines with angle-drive gearboxes to enhance space. The engines turn 36x32 in. (91x81 cm), 4-blade props through Twin Disc transmissions with a 2.50:1 ratio.

Troy says the PowerTech 6125AFM marine engines make *Utila Aggressor II* a very fuel-efficient cruising machine. "We're only burning 6.8 gph (25.7 l/h) per main at a cruise speed of 11 knots. We are completely happy with that."

"Overall, John Deere exceeded our expectations," says Troy. "The engines are very responsive, reliable, and stable" — as is his John Deere dealer, Allemand Industries.

"Listen, those guys are top notch," says Troy. "We are 1,000 miles (1,609 km) from New Orleans, and they give us great support. They were professional in everything they did — from the engine installation to the sea trial. We are very, very impressed."

Engine Model	PowerTech 4024TFM270	PowerTech 4045TFM75	PowerTech 6125AFM75
Displacement	2.4L	4.5L	12.5L
Rated Power	32 kW (43 hp) @ 1800 rpm	73 kW (98 hp) 1800 rpm	254 kW (341 hp) @ 1800 rpm
Cylinders	4	4	6
Aspiration	Turbocharged	Turbocharged	Aftercooled
Distributor	Engines, Inc. Jonesboro, Arkansas (870) 268-3700 www.enginespower.com		
Dealer	Allemand Industries Harvey, Louisiana (504) 340-5581 www.allemandindustries.com		

For more than a decade, Utila Dive Ventures has operated a fleet of John Deere engines. Beyond the three engines aboard the *Utila Aggressor II*, PowerTech 6.8L and 8.1L marine engines power five 11 m (36 ft.) and two 9 m (30 ft.) Newton dive boats at Laguna Beach Resort. There are also engines onshore. Five industrial John Deere 4.5L engines drive Ingersoll Rand air compressors for pumping dive tanks.



The *Utila Aggressor II* takes up to 18 guests on a weeklong diving excursion around the Bay Islands of Honduras.