

# RIG talk

A LOOK AT NEW UPSTREAM TECHNOLOGY

## PFM's Land Tamer Remote Access Vehicle



### WHO IS PFM MANUFACTURING, INC?

PFM Manufacturing, Inc. was founded in 1998 to provide an industrial-grade vehicle to meet marketplace demand for a more versatile, low-impact, amphibious, remote access vehicle and to provide mobility capabilities otherwise unavailable. The company's primary product is the Land Tamer 6x6 and 8x8 Amphibious RAV, manufactured in Townsend, Montana.

### WHERE HAVE LAND TAMERS BEEN DEPLOYED?

The Land Tamer RAV can be found throughout North America and in several foreign countries. In Canada, the Land Tamer is used to access remote oil and gas resources, moving personnel and equipment, winter or summer, through swamp, beaver dams, and water. In the U.S., the RAV is deployed for weed and mosquito control, search and rescue, tour operators, robotic military applications, and more.



**PFM says the Land Tamer's proprietary hydraulic gear drive system offers greater reliability than chain-driven ATVs.**

### WHAT ARE THE COMPETITIVE ADVANTAGES OF THE LAND TAMER?

The Land Tamer is an economical, year-round, all-terrain alternative to helicopters. The optional Hydraulic 3-Point Hitch with 540 RPM PTO allows for quick connect/disconnect of many attachments such as a snow blade, winch, and other devices. The Land Tamer can also be equipped with an optional water propulsion system for rapid travel over water.

The Land Tamer RAV utilizes our proprietary hydraulic gear drive system. This system has been proven worldwide in many types of industrial and construction equipment. Compared to a chain-driven recreational vehicle, the Land Tamer can accomplish more work with significantly greater reliability and substantially less maintenance.

PFM recently introduced the Land Tamer RS (reduced size). This 8x8 model can travel down narrower trails and even fits in the back of a full-size pickup truck. A quality gasoline or diesel engine is available in the RS, as are many optional accessories. The Land Tamer RS, every bit as much as the RAV, is a reliable, versatile, and low-maintenance vehicle that can be used as a tractor, ATV, boat, or snow coach.

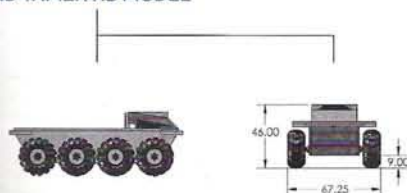
### WHERE WILL YOU TAKE THIS TECHNOLOGY IN FUTURE?

A hybrid electric version of the Land Tamer is in development. The major benefits of a hybrid electric are fuel efficiency, quiet mode operation, and onboard electrical power. Other new optional accessories will also be available soon.

Answered by Patrick F. Miller, president and CEO, PFM Manufacturing, Inc.

Specifications	Land Tamer® II 6 x 6 RAV	Land Tamer® II 8 x 8 RS (reduced size model)
Horsepower	Kubota 60 hp at 2800 rpm	Kubota 40 hp at 3600 rpm
Top Speed on Land	20-25 mph (32-40 km/hr)	20-25 mph (32-40 km/hr)
Top Speed in Water	5-10 mph (8-16 km/hr)	5-10 mph (8-16 km/hr)
Pulling Capacity	~ 1360-1814 kg dead weight	~ 907 kg dead weight
L x W x H	116 x 73 x 82 in (294 x 185 x 208 cm)	110 x 60 x 43 in (279 x 152 x 109 cm)
Weight	2825 lbs (1281 kg)	1854 lbs (840 kg)
Cargo Capacity on Land	1600 lbs (725 kg)	1500 lbs (680 kg)
Cargo Capacity in Water	900 lbs (408 kg)	1000 lbs (453 kg)

LAND TAMER RS MODEL



FULL SIZE LAND TAMER 6X6 & 8X8

