

Industrial Fire and Hazard Control introduces the Anaconda hose retrieval vehicle



Industrial Fire and Hazard Control recently launched the latest in its product range, Anaconda Hose Retrieval Vehicle.

Industrial hydrocarbon fires, particularly heavy crude at depth, requires substantial water supply with high water/foam solution application rates to extinguish these fires.

In consideration of the fire fighting requirements for tank fires, the world market has moved to the usage of 304mm supply lines (12") and then to have these in longer lengths than those used by municipal departments, primarily in 100m lengths.

This results in a hose lay that, when dry, weighs in excess of 400kg, a weight that is nearly impossible to be manhandled.

Industrial Fire and Hazard Control was challenged by a client to design and develop a hose carrier that would allow the client to not only stow up to 3km of large volume hoses ie 304mm x 100m lengths but also allow these hoses to be laid out without any manhandling and then, at the end of the fire fighting activities, to be retrieved, again without any manhandling.

"Being true to our adage of 'The home of imagineering', Industrial Fire and Hazard Control proceeded to design, engineer and manufacture the Anaconda", said Zarto Williams, Industrial Fire and Hazard Control's petroleum oil and gas (POG) specialist.

The unit is fitted with a dual hose mule hose retrieval system that is hydraulically driven and remotely controlled with a belly box. The dual

hose mule system allows hose to be retrieved from either the right or the left side of the vehicle whilst the vehicle is in motion. The hose mule automatically flakes the hose front-to-rear in the hose bed. The hose beds are separated by a central hose bed divider that extends to the height of the superstructure.

The rear enclosure is fitted with an electrically powered tail lift. The tail lift can be adjusted for height, which allows the laying of the hose whilst the vehicle is mobile without any damage to the couplings connecting with the hard surface. The height adjustable tail lift also allows a fire fighter to guide the hoses at the rear on a return flake.

"The hose beds are capable of stowing more than 3km of 304mm hoses. The development of the

The Anaconda

Hose Retrieval Vehicle



An automated large volume hose retrieval vehicle for retrieving hoses from 6" to 12"



The hose beds are capable of stowing more than 3km of 304mm hoses



The unit is fitted with a dual Hose Mule System that automatically retrieves and flakes hoses

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Industrial and petro-chemical fires



▶ Anaconda has given us insight into the importance of the municipal market giving consideration to a large volume hose carrier for smaller diameter hoses (100mm/150mm) that can assist at an incident that requires extensive lengths of hoses to be laid and retrieved in a short space of time. Indeed,

the Anaconda concept is not only reserved for the industrial fire departments but is an ideal support vehicle, in varied configurations, for every fire department", said Williams.

Whether the application is industrial or municipal, the days of fire fighters manhandling hoses, both

in laying and retrieving, are coming to an end with the introduction of the Anaconda Automated Hose Retrieval System. Why risk injury, unnecessary time lapse or exhaustion when Industrial Fire and Hazard Control can engineer and manufacture an Anaconda to suit your specific requirements. ▲

