

Primetech and Cold Cut Systems launch lightweight COBRA system for MultiPod

Primetech and Cold Cut Systems have unveiled a groundbreaking new collaboration - the lightweight MultiPod® COBRA fire fighting system for use in the flexible Primetech MultiPod® vehicle storage system.

The MultiPod COBRA will complement the existing Cold Cut COBRA range



paramedics to the scene quickly can help save lives and prevent a much larger incident from developing.

“We know what a great job all fire crews do in keeping their communities safe; however there are also times when either a retained crew is not available due to work commitments, or the incident is in a remote location and the road network is difficult for a full size fire appliance to reach. “In cases such as these, it has been shown that a smaller vehicle with a crew of two or three can respond to an emergency call far quicker, and can either resolve the incident or can stabilise the situation until reinforcements arrive.”

Equipment

The Primetech MultiPod vehicle is equipped with the MultiPod® COBRA fire fighting system on an up to 300 bar system, allowing for a safe external attack on a building fire. The MultiPod COBRA can suppress the fire and prevent the incident from deteriorating. This vehicle can also carry medical equipment, allowing a first response to medical emergencies where an ambulance may take longer to arrive.

One of the unique features of Primetech's new MultiPod demountable body system is that no vehicle modifications are required. MultiPod can be easily and quickly mounted on any standard utility vehicles. MultiPod fits in with the drive for increased levels of collaboration between the emergency services, to improve public safety in an era of tighter budgets, along with the need for diversified, expanded and more effective use of service resources.

Community Protection Vehicle

The combination of the new Primetech MultiPod and the lightweight COBRA system is being looked at as a possible option for Gloucestershire Fire and Rescue Service's proposed 'Community Protection Vehicle' project. While this is still in its conceptual planning, specification

and evaluation phases, certain key features and benefits are starting to emerge. The CPV would have the option to carry medical equipment, including a defibrillator, rescue tools and additional community support kit.

“Speed of response is vital in emergency situations. Getting professional emergency service responders such as firefighters and paramedics to the scene quickly can help save lives and prevent a much larger incident from developing.”

The ultra-lightweight version of the popular COBRA system, which still retains the same fire fighting capability as the standard COBRA lance-based model, in addition also provides fire and rescue services, including retained services, with a powerful new weapon for suppressing fires. This new innovation has the added advantage of allowing fire fighting to be tackled at greater speed as a result of being reduced in size and weight.

The new lighter weight version of the system can be carried on flexible utility vehicles using the demountable Primetech MultiPod storage system. This allows the benefits of the COBRA system to be used to respond to fires before larger appliances arrive at the scene of incidents in accordance with Pre Determined Attendance protocols. In rural communities, which rely on retained crews and which have greater distances and less accessible areas to be reached, MultiPod COBRA can also offer huge benefits - speed of initial response and all terrain access.

Using a mixture of aggregate and water, the COBRA system first allows a firefighter to penetrate through a building wall and then force tiny droplets of water into the fire space, reducing the temperature of fire gases and extinguishing the fire. Not only does the system give firefighters a powerful tool for faster suppression of fires, but by allowing firefighters to remain outside the building it also enhances firefighter safety.

The effectiveness of the system has been demonstrated in numerous independent scientific studies. The very fine droplet size of misted spray (170 micrometres in diameter versus 900 micrometres for other water systems) means that the COBRA system uses 100% of water sprayed versus much less for other systems.

Henry Walker, Director of Primetech, said, “Speed of response is vital in emergency situations. Getting professional emergency service responders such as firefighters and

Commenting on the development of the new collaborative Community Protection Vehicle concept, Andy Hermiston, Deputy Chief Fire Officer at Gloucestershire Fire and Rescue Service, said, “Fire and rescue services in the UK continue to progressively develop and broaden our community protection role by adding value in what would have been previously perceived as unconventional ways.

“Vehicles such as the Community Protection Vehicle (CPV) allow services the ability to respond quickly to any emergency with the right resources whilst optimising our capacity to deliver lifesaving prevention and intervention responses to meet the new and ever increasing public expectation of the fire and rescue service.”

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The Primetech MultiPod vehicle is equipped with the MultiPod® COBRA fire fighting system on an up to 300 bar system, delivering a very fine spray into fire spaces, allowing for a safe and highly effective external attack on a building fire