

QuickLay System Applications

Emergency Response Teams

Emergency Response Teams equipped with the QuickLay packs and an understanding of basic hose deployment are best positioned to protect life and the assets of the business.

The Emergency Response Team

Hospitals, prisons, isolated infrastructure and other buildings of significant importance often have a semi or permanently dedicated Emergency Response Team (ERT).

Rapid Response

In the event of an alarm or confirmed fire the ERT are the initial response. Because the ERT responds from a position within their work site, their response time is significantly quicker than that of externally responding fire crews.

In the case of a vessel at sea, an oil rig or an industrial site located far from civilisation the ERT may be required to attack, contain and extinguish the fire without external assistance.

By combining their local knowledge with the QuickLay packs the ERT can wage a rapid and suitably sized weight of attack.



ERT Efficiency

Staff will come and go and all have different fire fighting backgrounds. The QuickLay packs provide a procedural structure for initial and subsequent hose line deployment.

Portability

The QuickLay packs are long, thin and designed to place the weight of the load above the operator's centre of gravity – reducing fatigue on route to the reported incident.

Accessibility

The back-strap placement frees the operator's hands to climb a ladder or hold a handrail.

Quick Knockdown

On arrival at the incident the team members can stretch their Lay Pack and deploy their Attack Pack in less than 60 seconds.

Hose Calibre

The water from a lay flat hose will travel almost twice as far as a standard hose reel. This allows fighting operations from a safer distance for ERT's not equipped with breathing apparatus.

With thousands of lives and millions of dollars of assets to protect, oilrigs, mine sites and other heavy industries present a unique set of complications when involved in fire. Rapid response and efficient hose deployment preserves the valuable assets and daily revenue-generating operations.

Obstacles/Complications	QuickLay Solution
Inaccessibility for fire fighting vehicles due to rough terrain	The QuickLay packs can be deployed from any pressurised water supply and passed over/under/through a fence or up/down a ladder
Limited water supply points	By combining the Big Lay, Lay and Attack Packs fire fighters have 210m of hose deployed as quickly as the ground can be covered
Rocky, uneven ground complicating hose deployment	The Big Lay and Lay Packs are designed to deploy the hose on-the-fly – this makes the task of hose lay over rough ground effortless
Environmental catastrophes associated with industrial fires i.e smoke plume	Rapid knockdown is essential to limit fire progression and the associated environmental issues associated with industrial fires. The QuickLay packs stretch and coil hose lines as quickly as the ground can be covered between the water supply and the fire
Equipment portability – Traditional rolled hose and the necessary equipment required to fight the fire is too difficult to carry in one trip	The Attack Pack is stored connected and ready to deploy with all the necessary equipment. The weight of the pack is placed close to the fire fighters centre of gravity.

A fire on a ship carrying passengers, liquids or containers can be catastrophic. Rapid hose lay and a significant weight of attack is essential to attack, contain and extinguish the fire.

Obstacles/Complications	QuickLay Solution
The decks and corridors of a boat present restricted spaces for the attack lines to be deployed	The Attack Pack can be charged into a coil in a limited space. It can even be charged vertical over a fire fighters shoulder.
Due to the nature of the isolation of a vessel evacuees need to be moved from the area effected by fire to a safe area	The coil from the Attack Pack can be charged and stood up – this provides a safe walkway for evacuees
A vessel at sea is required to attack, contain and extinguish the fire alone as they are floating and remote	Emergency Response Teams (ERT's) can respond immediately and wage a significant attack on the fire – containing it to its point of origin
Fires can be wind driven due to 360 degree exposure a vessel at sea has to the elements.	Rapid knockdown is essential to limit the effect that the wind can have in fanning the fire.
The load on the ship can shift due to excessive water usage in one direction	Attack direction is important and can easily be managed using the Lay pack to stretch hose to the ideal attack area where the Attack Pack can be deployed and advanced
Equipment portability – Traditional rolled hose and the necessary equipment required to fight the fire is too difficult to carry in one trip	The Attack Pack is stored connected and ready to deploy with all the necessary equipment. The weight of the pack is placed close to the fire fighters centre of gravity limiting fatigue on route to the incident.