PONSSE firefighting equipment for forwarders

PONSEE is introducing firefighting equipment to be installed in the load spaces of forwarders for extinguishing wildfires.

Forest machine is the most natural and effective way to access a forest fire area. Operations in difficult terrain come as second nature to them, and they have more than enough capacity in their hydraulic system for demanding conditions. The firefighting equipment is delivered to the fire location as a single package – and after it has been connected to forest machine hydraulics, the equipment is ready to operate.

The 10 m³ water tank of the firefighting equipment can be filled with its own pump from a natural water source or the tank of a fire truck. The water cannon has a range of 47 metres and a turning radius of 360 degrees. It takes 5 to 10 minutes to refill the tank. The filling hose is guided by the forwarder's boom and the strainer on the tank roof takes out the biggest debris. The water cannon is controlled with the remote control. The system draws its power from the hydraulics of the forwarder.

MORE DETAILS

CHALLENGE ADDRESSED

1.- Improve forest resilience and adaption to climate change

DOMAIN

Forest disturbances, risks

TYPE OF SOLUTION

Smart machinery, equipment

KEYWORDS

forest machine

forwarder

firefighting

DIGITAL SOLUTION

No

INNOVATION

Yes

COUNTRY OF ORIGIN

Finland

SCALE OF APPLICATION

Cross-border/multi-lateral (several countries)

START AND END YEAR

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CONTACT DATA

OWNER OR AUTHOR

Ponsse

Juha Harverinen

juha.haverinen@ponsse.com

REPORTER

REFERENCES AND RESOURCES

MAIN WEBSITE

https://www.ponsse.com/en/web/guest/products/tailored-solutions/product/-/p/firefightingequipment

PROJECT WEBSITE

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PROJECT REFERENCE

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RESOURCES

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PROJECT UNDER WHICH THIS FACTSHEET HAS BEEN CREATED

Rosewood 4.0

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