HiVision | Virtual reality support for crane operators



HiVision is the industry leading innovative digitalisation solution that provides individual crane operators with vision to safely carry out any loading job without having to leave the truck cabin.

Forestry crane work is often an isolated and rugged business carried out in challenging temperatures and harsh environments. Hiab's HiVision™is transforming the working conditions and productivity using virtual reality technology, goggles, external cameras. Precision and efficient log lifting every time - all from the safety and comfort of the crane cabin. HiVision™ is the first fully digitalised solution that gives a 270 degree view horizontally and 130 degree view vertically using external cameras mounted to the body of the equipment. The virtual reality technology assesses the external working conditions so the operator can stay safely within the truck cabin. Once the 'target' has been identified, the system allows the operator to guide the crane using an electronic joystick mounted on each armrest of the truck's passenger seat.

MEHR DETAILS

ANGESPROCHENE HERAUSFORDERUNG

5. Verbesserung der wirtschaftlichen und ökologischen Leistung der forstwirtschaftlichen Forstlieferketten

DOMäNE

Produkte, Märkte, Handel

Holzernte, Infrastruktur, Logistik

Bildung und Ausbildung

ART DER LöSUNG

Intelligente Maschinen, Ausrüstung

SCHLüSSELWöRTER

crane; digitalisation; safety

DIGITALE LöSUNG

Ja

INNOVATION

Ja

HERKUNFTSLAND

Schweden

UMFANG DER ANWENDUNG

Lokal

ANFANGS- UND ENDJAHR

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LOGO DER BEST PRACTICE

LOGO DER HAUPTORGANISATION



PROJEKT, IN DESSEN RAHMEN DIESES FACTSHEET ERSTELLT WURDE

Rosewood 4.0

BEITRAGSDATUM

11 Aug. 2021





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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

