Ponsse Scorpion King



Finland has a lot of peatland and other areas with soft terrain. The challenge is that the soft terrain does not enable harvesting in the summertime.

The stability of the harvester comes from its eight wheels and active stabilization system. The patented stabilization system is based on detecting the crane direction and position, on the basis of which the rear frame is pressed in the working direction. Pressing the rear wheels against the ground and the weight of the rear frame improve the machine's stability significantly when working on the side of the machine – also when the machine is moving.

The Cabin leveling, balances the cabin, also in difficult terrain. The frame of the machine consists of three parts linked by rotating joints. The cabin is located in the middle frame, which is kept hydraulically balanced, while the front and rear frames tilt according to the terrain.

Scorpion King is a three-frame harvester equipped with a fork boom. Its balancing keeps the cabin horizontal in all conditions. In addition, visibility from the cabin is perfect thanks to large glass surfaces and as the crane does not block the view in any direction. Its double-circuit hydraulics ensure that power does not run out even in difficult conditions. The balanced machine is at its best in demanding conditions and uneven terrain.

DETALJER

OPPRINNELSE FOR TRE

Skog

TYPE TRE

Tre fra rundtvirke

TYPE TRE INVOLVERT

Stemwood

PåVIRKNING På MILJø OG BIOLOGISK MANGFOLD

Positive

INNTEKTSEFFEKT

Positive

UTNYTTELSESPOTENSIAL

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HUB

Northern Hub

ØKONOMISK PåVIRKNING

Medium

SPESIFIKKE KUNNSKAPSBEHOV

Good driving skills

MOBILISERINGSPOTENSIAL

Not possible to assess

BæREKRAFTPOTENSIAL - VERDI

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ENKEL IMPLEMENTERING

Medium

ENKEL IMPLEMENTERING - EVALUERING

--

VIKTIGE FORUTSETNINGER

Access to forest assets in challenging terrains

TYPE BEGIVENHET DER DENNE BPI HAR BLITT OMTALT

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EFFEKT På ARBEIDSPLASSER

Positive

KOSTNADER MED IMPLEMENTERING (EURO - €)

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MER INFORMASJON

UTFORDRING ADRESSERT

5. Forbedre den økonomiske og miljømessige ytelsen i skogbrukets forsynings kjede

DOMENE

Skogforvaltning, skogskjøtsel, økosystemtjenester

Avvirkning, infrastruktur, logistikk

TYPE LØSNING

Smarte maskiner og utstyr

NØKKELORD

--

DIGITAL LØSNING

Nei

INNOVASJON

Nei

OPPRINELSESLAND

Finland

POTENSIALE

Nasjonal

START OG SLUTT åR

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KONTAKT INFORMASJON

EIER ELLER FORFATTER

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RAPPORTØR

REFERENCES AND RESOURCES

HJEMMESIDE (HOVEDSIDE)

https://www.ponsse.com/en/web/guest/products/harvesters/product

PROSJEKTETS HJEMMESIDE

https://www.ponsse.com/products/harvesters/product/-/p/scorpion_king#/

REFERANSE TIL PROSJEKT

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RESSURSER

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LOGO FOR BESTE PRAKSIS

LOGO FOR HOVEDORGANISASJON



PROSJEKT SOM DETTE FAKTAARKET ER OPPRETTET UNDER

Rosewood

INNLEGGSDATO

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