

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.

DETTAGLI

ORIGINE DEL LEGNO

foresta

TIPO DI LEGNO

Fusto

POTENZIALE DI MOBILITAZIONE

Not possible to assess

TIPO DI LEGNO IN QUESTIONE

Stemwood

FACILITÀ DI IMPLEMENTAZIONE

Medium

IMPATTO SULL'AMBIENTE E LA BIODIVERSITÀ

Positive

FACILITÀ DI IMPLEMENTAZIONE - VALUTAZIONE

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EFFETTO SUL REDDITO

Positive

PREREQUISITI CHIAVE

Access to forest assets in challenging terrains

POTENZIALE DI SFRUTTAMENTO

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TIPO DI EVENTO IN CUI QUESTO BPI È STATO PRESENTATO

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HUB

Polo Nord

EFFETTO SUL LAVORO

Positive

IMPATTO ECONOMICO

Medium

I COSTI DI ATTUAZIONE (EURO - €)

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CONOSCENZE SPECIFICHE NECESSARIE

Good driving skills

PIÙ DETTAGLI

SFIDA RISOLTA	DOMINIO	TIPO DI SOLUZIONE
5. Migliorare le prestazioni economiche e ambientali delle filiere forestali	La gestione forestale, selvicoltura, i servizi ecosistemici, resilienza La raccolta, le infrastrutture, la logistica	macchine intelligenti, attrezzature
PAROLE CHIAVE	SOLUZIONE DIGITALE	INNOVAZIONE
--	No	No
PAESE D'ORIGINE	SCALA DI APPLICAZIONE	INIZIO E FINE ANNO
Finlandia	Nazionale	--

CONTATTI

PROPRIETARIO O AUTORE	REPORTER
Ponsse	
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REFERENCES AND RESOURCES

SITO PRINCIPALE	RISORSE
https://www.ponsse.com/en/web/guest/products/harvesters/product	--
SITO WEB DEL PROGETTO	
https://www.ponsse.com/products/harvesters/product/-/p/scorpion_king#/	

PROGETTO DI RIFERIMENTO

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LOGO DELLE MIGLIORI
PRATICHE



LOGO DELLA PRINCIPALE
ORGANIZZAZIONE

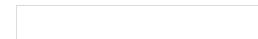


PROGETTO NELL'AMBITO DEL QUALE QUESTA SCHEDA è STATA CREATA

Rosewood

DATA DI INSERIMENTO

17 Set 2019



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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY



Centro de Servicios y Promoción Forestal
y de su Industria de Castilla y León



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