

# 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.

## PODROBNOSTI

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### IZVOR LESA

Gozd

### TIP LESA

Okrogli les

### POTENCIJAL ZA MOBILIZACIJO

Not possible to assess

### TRAJNOST - VREDNOST

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### VRSTA OBRAVNANEGA LESA

Stemwood

### ENOSTAVNOST IZVEDBE

Medium

### VPLIV NA OKOLJE IN BIODIVERZITETO

Positive

### ENOSTAVNOST IZVEDBE - OCENJEVANJE

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### VPLIV NA PRIHODKE

Positive

### KLJUČNI PREDPOGOJI

Access to forest assets in challenging terrains

### POTENCIJAL IZKORIŠČANJA

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### VRSTA DOGODKA, NA KATEREM JE BIL PREDSTAVLJEN TA BPI

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### VOZLIŠČE

Severno vozlišče

### VPLIV NA DELOVNA MESTA

Positive

### GOSPODARSKI VPLIV

Medium

### STROŠKI IZVEDBE (EURO - €)

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### POTREBNO SPECIFIČNO ZNANJE

Good driving skills

IZZIV	DOMENA	TIP REŠITVE
5. Izboljšanje gospodarske in ekološke učinkovitosti gozdne oskrbovalne verige	Gojenje gozdov, gospodarjenje z gozdovi, odpornost, Pametni stroji, oprema ekosistemskih storitev  Sečnja in spravilo, infrastruktura, logistika	
KLJUČNE BESEDE	DIGITALNE REŠITVE	INOVACIJA
--	No	Ne
IZVORNA DRŽAVA	OBSEG UPORABE	ZAČETNO IN KONČNO LETO
Finska	Nacionalni	--

KONTAKTN  
PODATKI

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LASTNIK OZ. AVTOR	POROČEVALEC
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REFERENCES  
AND RESOURCES

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SPLETNA STRAN	VIRI
<a href="https://www.ponsse.com/en/web/guest/products/harvesters/product">https://www.ponsse.com/en/web/guest/products/harvesters/product</a>	--
SPLETNA STRAN PROJEKTA	
<a href="https://www.ponsse.com/products/harvesters/product/-/p/scorpion_king#/">https://www.ponsse.com/products/harvesters/product/-/p/scorpion_king#/</a>	
REFERENCA PROJEKTA	
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LOGOTIP DOBRE PRAKSE

LOGOTIP GLAVNE  
ORGANIZACIJE



PROJEKT, V OKVIRU KATEREGA SO BILI ZBRANI OSNOVNI PODATKI

Rosewood

DATUM OBJAVE

17 Sep 2019



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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

