

## 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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### PÔVOD DREVA

Les

### DRUH DREVA

Kmeňové drevo

### UVAŽOVANÝ DRUH DREVA

Stemwood

### VPLYV NA ŽIVOTNÉ PROSTREDIE A BIODIVERZITU

Positive

### DOPAD NA PRÍJMY

Positive

### POTENCIÁL VYUŽITIA

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### ROZBOČOVAČ

Severný uzol

### EKONOMICKÝ VPLYV

Medium

### POTREBA ŠPECIFICKÝCH ZNALOSTÍ

Good driving skills

### MOBILIZAČNÝ POTENCIÁL

Not possible to assess

### POTENCIÁL UDRŽATEĽNOSTI - HODNOTA

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### UĽAHČENIE IMPLMENTÁCIE

Medium

### UĽAHČENIE IMPLMENTÁCIE - HODNOTENIE

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### Kľúčové PREPOKLADY

Access to forest assets in challenging terrains

### TYP PODUJATIA, NA KTOROM BOL TENTO BPI PREZENTOVANÝ

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### DOPAD NA ZAMESTNANOSŤ

Positive

### NÁKLADY NA IMPLEMENTÁCIU (EURO - €)

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## VIAC INFORMÁCIÍ

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### RIEŠENÁ VÝZVA

5. Zlepšenie hospodárskej a environmentálnej výkonnosti dodávateľských reťazcov v lesníctve

### Kľúčové SLOVÁ

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### KRAJINA PôVODU

Fínsko

### DOMAIN

Lesné hospodárstvo/hospodárska úprava lesa, pestovanie lesa, ekosystémové služby, odolnosť  
Ťažba, infraštruktúra, logistika

### DIGITALNE RIEŠENIE

Nie

### ROZSAH APLIKÁCIE

Národný

### TYP RIEŠENIA

Inteligentné stroje, zariadenia

### INOVÁCIE

Nie

### ZAČIATOK A KONIEC ROKA

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## KONTAKTNÉ ÚDAJE

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### VLASTNÍK ALEBO AUTOR

Ponsse

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### REPORTÉR

## REFERENCES AND RESOURCES

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### HLAVNÁ WEBSTRÁNKA

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

### PROJEKTOVÁ WEBSTRÁNKA

[https://www.ponsse.com/products/harvesters/product/-/p/scorpion\\_king#/](https://www.ponsse.com/products/harvesters/product/-/p/scorpion_king#/)

### REFERENCIA PROJEKTU

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### ZDROJE

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LOGO NAJLPEŠEJ PRAXE

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LOGO HLAVNEJ ORGANIZÁCIE

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PROJEKT, V RÁMCI KTORÉHO BOL TENTO INFORMAČNÝ PREHĽAD VYTVORENÝ  
Rosewood

DÁTUM ODOSLANIA  
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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

