

## 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

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### VEDENS URSPRUNG

Skog

### TRÄTYP

Rundvirke

### TYP AV TRÄ

Stemwood

### PÅVERKAN PÅ MILJÖ & BIOLOGISK MÅNGFALD

Positive

### EKONOMISK EFFEKT

Positive

### KOMMERSIELL POTENTIAL

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### NAV

Norra navet

### EKONOMISK PÅVERKAN

Medium

### SPECIFIKA KUNSKAPSBEHOV

Good driving skills

### MOBILISERINGSPOTENTIAL

Not possible to assess

### HÅLLBARHETS POTENTIAL - VÄRDE

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### ENKEL IMPLEMENTERING

Medium

### ENKEL IMPLEMENTERING - UTVÄRDERING

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### NYCKEL FÖRUTSÄTTNINGAR

Access to forest assets in challenging terrains

### TYP AV EVENEMANG DÄR DENNA BPI HAR PRESENTERATS

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### EFFEKT ANTAL ANSTÄLLDA

Positive

### KOSTNADER FÖR IMPLEMENTERING (EURO - €)

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## MER INFORMATION

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### UTMANING SOM ADRESSERAS

5. Förbättra ekonomisk och miljömässig prestanda för skogsförsörjningskedjor

### NYCKELORD

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### UPPHOVSLAND

Finland

### DOMÄN

Skogsförvaltning, skogskjötsel, ekosystemtjänster  
Avverkning, infrastruktur, logistik

### DIGITAL LÖSNING

Nej

### POTENTIAL

Nationell

### TYPE AV LÖSNING

Smarta maskiner

### INNOVASION

Nej

### START OCH SLUTÅR

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## KONTAKT INFORMATION

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### ÄGARE ELLER FÖRFATTARE

Ponsse

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### RAPPORTÖR

## REFERENCES AND RESOURCES

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### HEMSIDA (HUVUDSIDA)

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

### PROJEKTETS HEMSIDA

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

### PROJEKTFERENS

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### RESURSER

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LOGO FÖR BEST PRACTICE



LOGO, HUVUDORGANISATION



PROJEKT SOM DETTA FACTSHEET SKAPATS INOM

Rosewood

DATUM FÖR INLÄGG

17 sep 2019



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