

## 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.

## DETAILS

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### HERKUNFT DES HOLZES

Wald

### ART DES HOLZES

Stammholz

### ART DES BETROFFENEN HOLZES

Stemwood

### AUSWIRKUNGEN AUF UMWELT UND BIODIVERSITÄT

Positive

### EINKOMMENSEFFEKT

Positive

### VERWERTUNGSPOTENZIAL

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### NABE

Nördliches Drehkreuz

### WIRTSCHAFTLICHE AUSWIRKUNGEN

Medium

### SPEZIFISCHES WISSEN ERFORDERLICH

Good driving skills

### MOBILISIERUNGSPOTENZIAL

Not possible to assess

### POTENZIAL FÜR NACHHALTIGKEIT - WERT

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### LEICHTE IMPLEMENTIERUNG

Medium

### LEICHTE IMPLEMENTIERUNG - BEWERTUNG

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### WICHTIGE VORAUSSETZUNGEN

Access to forest assets in challenging terrains

### ART DER VERANSTALTUNG, AUF DER DIESE BPI VORGESTELLT WURDE

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### ARBEITSPLATZEFFEKT

Positive

### KOSTEN DER IMPLEMENTIERUNG (EURO - €)

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## MEHR DETAILS

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### ANGESPROCHENE HERAUSFORDERUNG

5. Verbesserung der wirtschaftlichen und ökologischen Leistung der forstwirtschaftlichen Forstlieferketten

### SCHLÜSSELWÖRTER

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### HERKUNFTSLAND

Finnland

### DOMÄNE

Waldmanagement, Waldbau, Ökosystemleistungen, Resilienz

Holzernte, Infrastruktur, Logistik

### DIGITALE LÖSUNG

Nein

### UMFANG DER ANWENDUNG

National

### ART DER LÖSUNG

Intelligente Maschinen, Ausrüstung

### INNOVATION

Nein

### ANFANGS- UND ENDJAHR

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## KONTAKTDATEN

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### EIGENTÜMER ODER AUTOR

Ponsse

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### REPORTER

## REFERENCES AND RESOURCES

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### HAUPT-WEBSITE

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

### PROJEKT-WEBSITE

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

### PROJEKT-REFERENZ

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### RESSOURCEN

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LOGO DER BEST PRACTICE



LOGO DER  
HAUPTORGANISATION



PROJEKT, IN DESSEN RAHMEN DIESES FACTSHEET ERSTELLT WURDE

Rosewood

BEITRAGSDATUM

17 Sep 2019



[Link to Rosewood 4.0](#)



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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

