



SKB - Reforesting Europe

THE RAPID REFORESTING SOLUTION FOR REBUILDING EUROPEAN FORESTS

Why You Should Consider Integrated Reforesting

- ▶ **Reforestation is expensive and slow**
With mechanized planting you can combine many different stages, making the reforestation process fast and more economical overall. Combining the different stages will accelerate forest growth, while securing the survival of young forests.
- ▶ **Availability, organization, cost and safety of skilled personnel**
Not everyone wants to do tough silvicultural work in remote locations. By mechanizing your operations, you will be upskilling people with transferrable skills and with a significant reduction of safety risk.
- ▶ **A short planting season reduces effective planting time**
With integrated reforestation you can work on different process stages simultaneously speeding up your silvicultural operation. Moreover, irrigation increases planting time at both ends of the planting season.

Securing Rapid Regrowth for European Forests Requires New and Innovative Solutions

THE SKB IS THE PLANTER OF CHOICE FOR BATTLING THE BARK BEETLE

European forests have been devastated by the bark beetle. Old monoculture spruce forests have been an easy target for the beetle. To reduce the damage to new establishments, more diverse forests need to be established. With the Risutec SKB solution a mixture of coniferous and deciduous - leafy tree forests can be planted. Other actions such as soil cultivation, and spot pesticing help in the early stage of establishment to increase survival rates.

DRY CONDITIONS AND FOREST FIRES

As conditions in Europe get hotter, the risk of forest fires increases. The SKB features a watering system for dry conditions. Watering will help the seedling survive, and in addition the carrier will hold a 4 tonne water tank, that can douse local fires.

Combining Stages in the Reforesting Process with the Risutec SKB

Integrated reforestation means combining all stages in the renewal of forests from marking and guiding, soil cultivation, planting, application of fertilizer, herbicides, pesticides, watering, and reporting of results.



VARYING SOIL CULTIVATION METHOD

The SKB enables changing the cultivator to suit the soil conditions. You can also forgo the soil cultivator and merely plant - however, we strongly advise in favor of soil cultivation to prepare the micro-site for optimal and rapid growth. Any time you save on cultivation will be overshadowed by loss of growth and higher mortality.



Risutec

Forestry companies and operators are increasingly realizing the benefits of integrated forestry operations with the help of Risutec. We provide proven forestry machinery for maximizing yields profitably - serving the largest forestry companies and most innovative contractors globally.

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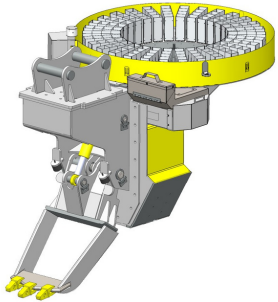
TECHNICAL DETAILS

Risutec SKB - Interchangeable Soil Cultivators

Risutec SKB is built for deep subsoiling - to break subsurface hardpans. The SKB has a rapid changeover cultivator attachment - choose from a blade ripper for deep soil cultivation, or the pitting head designed for fast operations that break the soil without causing glazing.

Risutec SKB-G

- 120-240 seedling cassette
- 18 tonne carrier
- Weight approx. 1700 kg (with cultivator)
- 160 bar
- 140 l/min
- 2500 mm length
- 1650 mm width
- 1570 mm height (bottom of frame)
- 2250 mm height (bucket down)

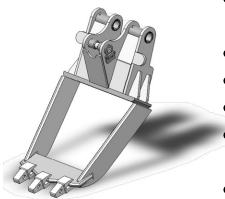


Ripper



- For deep soil preparation
- Cracking depth even 90 cm
- Can be used for removing the residue
- Suitable for plantations of pine, spruce and leafy trees
- Suitable for flat and hills

Bucket



- For deepest and hardest soil preparation
- 800mm soil preparation depth
- 700mm width
- Can be used for removing the residue
- Suitable for plantations of pine, spruce and leafy trees
- Suitable for flat and hills

The SKB is Built with Demanding Reforestation Challenges in Mind

Combat soil erosion in places that were previously expensive, difficult, or dangerous to plant. Whether you're reforesting slopes or rocky areas the SKB-range provides many tools for demanding conditions.

STANDARD PARTS AND ACCESSORIES

Choose between one standard **Soil Cultivator Attachment** from a ripper, bucket or more - with a rapid changeover attachment bracket. The **Cabin Monitor** lets you operate planting settings from the of the carrier cabin. **Centralized Greasing Points** for daily operations facilitates the maintenance and upkeep of the device.

PRODUCTIVITY ADD-ONS FOR OPTIMAL CONTRACTING

Water an Water Gel Applicator - This spot applicator allows precision watering for optimal growth and survivability. Water gel can also be applied to retain moisture over a longer period of time.

Pesticide Applicator - During the planting event, the pesticide agent is automatically applied to the top of the seedling, giving 100% coverage.

Fertilizer Applicator - Fertilizer can improve seedling survival and root establishment. The fertilizer is applied automatically during the planting event. In the event of a problem or error, the **Remote Diagnostic Device** can be used for remote assistance. The remote diagnosis option can also be used to make a change to the program remotely. Remote diagnosis reduces mechanic visits, resulting in significant savings for the contractor.

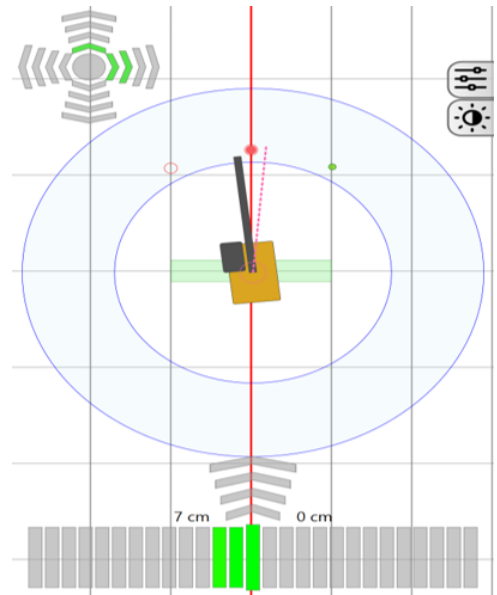
Grid planting with the Risutec TASK System

Risutec provides precision forestry and agriculture solutions with applications for guiding, marking, and controlling. Our solutions offer transparency for land-owners and empower efficient operations for contractors.

TASK - Grid planting with centimeter accuracy

The Risutec TASK guiding system shows operators where to plant in real time - enabling precision forestry operations for large plantations with strict spacing and quality standards.

Achieve centimeter accuracy in remote locations. Small mistakes will cause large losses in yields in large stands, that's why TASK has been engineered for extreme precision.



Get Machines for Productive Contracting

Take the next step.

A versatile machine that tackles even the most challenging terrain. Doing all of the forestation steps with one machine simultaneously will greatly enhance the reforestation process, saving you resources and making your operations safer.

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