



PM - Forest Builder

A COMPREHENSIVE SOLUTION FOR WOODLAND CREATION

The Stages of Mechanical Woodland Creation

- ▶ **Soil cultivation** - Utilizing the mounding plate, the operator first makes a mound that improves seedling growth conditions and protects against frost, drought, and pests - like the bark beetle, significantly reducing mortality and improving yields over the coming years.
- ▶ **Planting** - Planting with a Risutec planter is always done on a fresh mound, which is why soil cultivation has several benefits associated with regeneration. A fresh mound enhances the competitiveness of the seedling relative to other vegetation. Consistency ensures quality and good early stage seedling growth minimizes other forest management costs such as young stand tending.
- ▶ **Add-ons for increased productivity** - Boron fertilizer, pine weevil control, and other pesticides are provided as accessories for our forest building machines. Tracking and reporting applications - like the Risutec ASTA - ensures that operators always reach target densities. Thereby avoiding overworking compartments and increasing transparency in the establishment chain.

Combine Soil Cultivation and Planting with a Risutec Forest Builder

Mechanical reforestation is suitable for all spruce as well as pine planting areas. We at Risutec prefer to talk about "Forest Builders" - instead of the more common wording "planting machine". The chain of establishment encompasses so much more than mere planting of seedlings. Risutec provides the equipment and solutions needed for mechanical reforestation - from marking and guidance through soil cultivation and planting to post establishment silvicultural treatments and reporting. The PM forest builder utilizes the mounding plate as a cultivator, which forms the mound either hydraulically by turning or by slightly scalping the ground with the mounding plate.

ASTA REPORTING AS STANDARD

The ASTA system provides information in real-time on planting and soil cultivation density and area.



Compact and Easy to Maintain

Risutec PM is intended for professional contracting with the optimum number of seedlings per loading. The PM is easy and quick to load and the feeder is located at a suitable working height.



The device is easy to maintain, has centralized grease nipples and a hinged feeder. The machine is well protected against twigs and branches. The planting result is superior thanks to double-sided compaction.

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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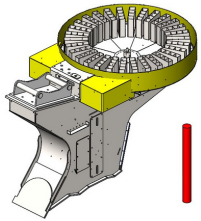
TECHNICAL DETAILS

Risutec PM is available in two different sizes. For smaller base-machines, a PM-120 with a seedling capacity of 120 seedlings per charge is the optimal choice.

The PM-160 is easy to load and the feeder is located at a suitable working height and based on a tape cassette that has been in use since 2004 and a carousel cassette that is also quick to load.

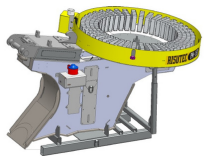
Length of the red bar = 1 meter

Risutec PM-120



120 seedling capacity
8 tonne base
650 kg weight
160 bar
140 l/min
1650 mm length
980 mm width
1400 mm height

Risutec PM-160



160 seedling capacity
14 tonne base
1200 kg weight
160 bar
140 l/min
2500 mm length
1650 mm width
1350 mm height



Create Value for Forest Owners

By combining the stages of woodland creation, the forest will be given its best possible starting point for profitable growth. The PM machine enables the combination of different phases of woodland creation through solution features. Review the standard features and consider value-added equipment for optimal contracting.

STANDARD EQUIPMENT

Fixed mounding plate - In mineral and rocky areas, a fixed mounding plate is a reliable choice. Also suitable for areas with abundant stumps

Two sealing pads - Double-sided compaction ensures a consistent planting quality. **Adjusting the pressure and depth of the compaction feet** - prevents seedling bulging on soft ground. The shape of the compacting feet around the seedling ensures up to 90% compaction.

Variable planting depth adjustment - With two pre-selectable planting depths

Assembled grease points - Assembled grease points related to the daily use of the device facilitate easy maintenance and service

PROFITABLE ACCESSORIES

The **Bortrac spreader** is a viable accessory, especially in old birch areas where there is too little boron. With the application device, the boron fertilizer is automatically applied as a field application during the planting event. The application is sprayed as a dilute mixture outwards from the seedling into the adjacent growth area. The applicator includes its own tank and pump.

Deer repellent - In the planting process, about 50 ml of deer repellent is optimized on top of the top, ensuring the best protection. Trico is applied automatically during the planting cycle.

Training for Profitable Contracting

Risutec always trains its contractor customers for profitable contracting. We have a responsibility to ensure that our clients succeed in moving from single-service contracting to a true all-in-one service provision.

Risutec's reforestation equipment has been planting millions of seedlings around the world for over a decade and we bring our solid expertise to every project to ensure your success.



The Right Support - At the Right Time

In case of problems and situations that call for specialist service, the Risutec remote diagnostic device can be used for remote assistance. The remote diagnosis service can also be used to make a change to the machine workflow process remotely. Remote diagnosis reduces mechanic visits, resulting in significant savings for the contractor.

Get Profitable Contracting with

A Special Training Offer

We offer a comprehensive mechanical reforestation training package for every European PM project. Ask us for information on available financing options and help with funding application in your region.

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