

# PEACE FARMING TECHNOLOGY

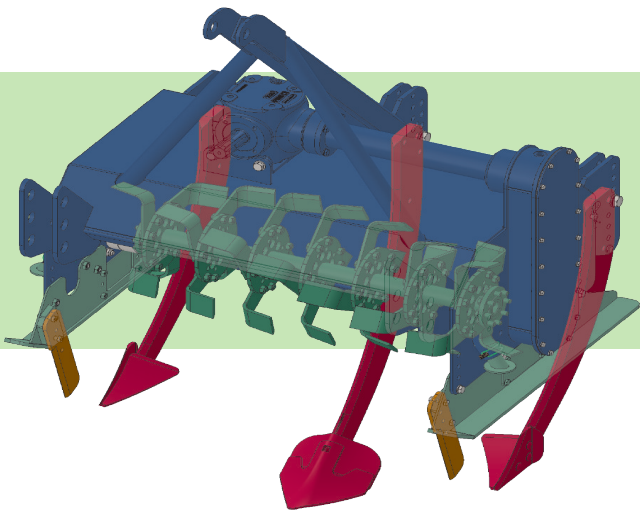
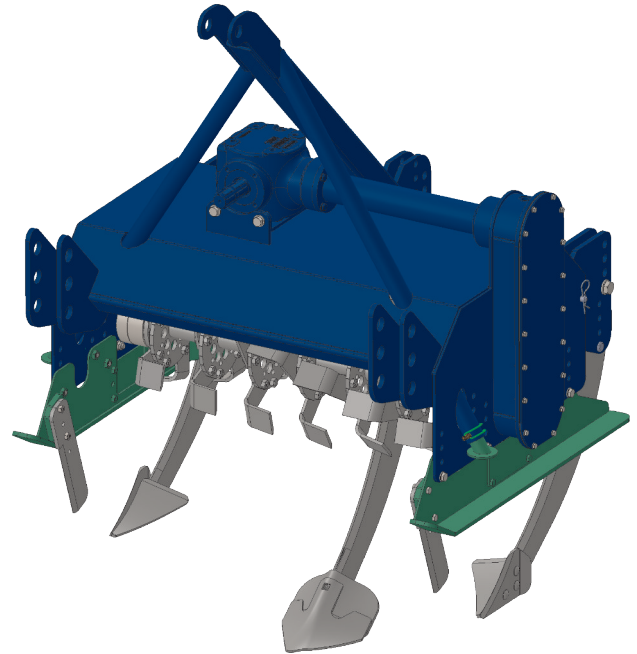
## TREE LINE PREPARER TLP-80 S

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agenda  
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### Usage

The machine is a combination between a rotary tiller and a cultivator. It can be used to prepare planting areas for either tree plantations or vegetable fields. The tine of the cultivator loosens the soil at the depth that it penetrates. Additionally, the compacted plough pan is also broken apart. These actions have the advantage of facilitating the quick growth of deep roots and improving the water absorption of the soil. The tiller processes the upper layer of the soil. During the tilling process, the root structures remaining in the soil from previous plantings etc. are chopped up and the organic material is more easily decomposed and absorbed into the soil. Combining these two processes which are performed at the same time in an ecologically sound manner prepares an optimal planting area. The machine was developed in cooperation with Ernst Götsch and was initially targeted toward the Agro Forestry.



### Exchangeable Tools

Due to the height adjustment of the rotary tiller and the cultivator the machine can be adjusted for various tasks. A variety of different tiller shafts and cultivator tines will be available in the future so as to enable the usage of the machine for different soil types.

### Technical data

Width [B1]: 80 cm (31 ½")  
Depth middle tine [T1]: 35 to 45 cm (14 to 15")  
Depth outer tine [T2]: 20 to 30 cm (8 to 12")  
Depth rotary tiller [T3]: 0 to 10 cm (0 to 4")  
Weight: approx. 220 kg  
Retainer on the tractor: 3 points, category 2 or 3  
Speed of power take-off shaft: 540 or 1080 rpm  
Power tractor: 35 to 55 kW  
Operating velocity: 0.5 to 3 km/h (0.3 to 1.9 mph)  
[1] Fine loosened soil; [2] Deep loosened soil;  
[3] Broken up plough pan

