

## 3- Row Disc Trencher

Bracke T35.a is a disc trencher for the professional contractor. It can be installed on larger prime movers and is suitable for a wide range of site conditions. By using T35.a, you optimize the use of both personnel and machines resulting in a more profitable business.

### Design

Bracke T35.a is designed with articulated joints which permit the machine to smoothly adjust to variations in the terrain. The machine is equipped with relief valves that permits arm movements sideways as well as the disc to turn around its vertical shaft when too much pressure is applied. The hydraulic system is equipped with load sensing valves that are connected to the prime mover. Thanks to its flexibility T35.a produces good results on a wide range of site conditions, even in extensive terrain variations.

### Variable adjustments

"Bracke Growth Control", the trencher's control system, permits a variable adjustment of all settings. Arms and discs may be adjusted in various widths and angles and it's

also possible to adjust down and up pressure settings. The settings are operated from the cabin using a control box with display.

### "Bracke Growth Control"

"Bracke Growth Control" is an advanced control system based on the latest CAN-bus-design. As an example the discs are equipped with sensors that are feeding Bracke Growth Control with information of prime mover speed, disc angle etc. The information is sent from the display and control box via the CAN-bus cable between the cabin and the CPU in the back of the machine. Settings and readings of information is done from the display unit in the cabin. "Bracke Growth Control" calculates scarified and driven distance, both per site and total as well as working hours. The control system has eight programmable settings which the operator controls from the control box in the cabin. Each setting represents a combination of disc angle, rotation speed, ground pressure etc, each suitable for different site conditions. There is an optional printer to fast print out and document the information.

*Bracke Forest reserves the right to make changes without further notice.*

## Technical Data

<b>Prime mover</b>	Forwarder/Skidder (See Bracke guidelines)
<b>Weight</b>	5 500 kg / 5,5 Ton
<b>Disc Diameter</b>	1000 mm, 1400 mm including teeth Replaceable teeth

## Hydraulic Requirements

Pressure	170 bar
Flow	120 l/min

<b>Electrical system</b>	24V
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## Control system

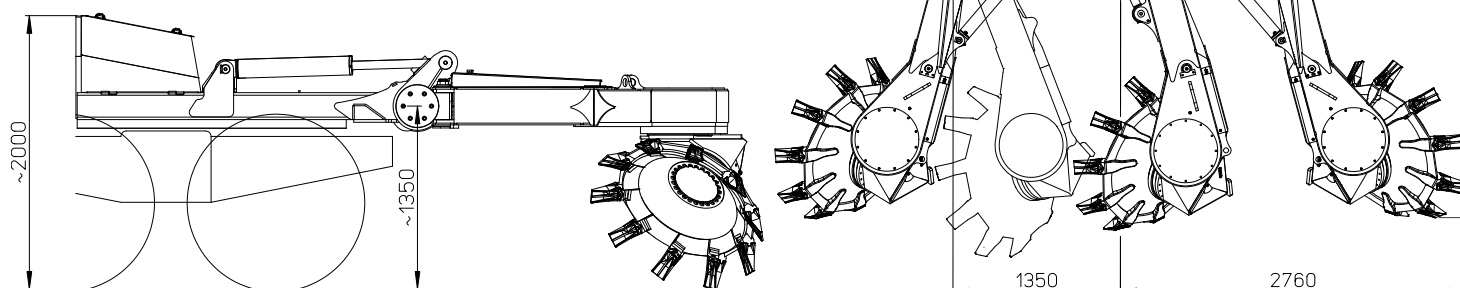
Bracke Growth Control	PLC-based
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## Options

Printer for site specific information.  
Seeder S35.a  
GPS-system FC-GIS



"Bracke Growth Control", the PLC-based control system with CAN-bus design, is "the heart" of the T35.a.



Bracke T35 creates planting spots with inverted humus layer (T), Mineral soil mounds on inverted humus layer (H) Mineral soil mounds on mineral soil (M).

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