

Bracke T35.b

Three-row disc trencher

The Bracke T35.b is the largest and most powerful disc trencher, suitable for larger scarification objects. It attaches to large prime movers. Thanks to its flexibility, the Bracke T35.b provides very good results on all kinds of preparation objects. The Bracke T35.b permits the optimization of personnel and equipment.

Design

The Bracke T35.b is designed to enable it to closely follow uneven terrain. The machine's hydraulics allow sideways arm movements and the disc to turn about its vertical axis if overloaded. The hydraulics are load-sensing and are connected to the prime mover. Central lubrication is standard on the Bracke T35.b.

Machine control

The control system, is based on a PLC platform and communicates over a CAN bus. With the new display, the control system is very user friendly. The disc trencher is fitted with sensors that send information to the control

system about, for example, the prime mover's speed, the angle of the discs and the position of the arms. The control system has eight programmable operating programs chosen from the controls in the cab. The display is used to make settings in the control system and read information from the scarifier. All units communicate over the CAN bus. The control system keeps track of the scarified area and the distance covered, for both individual sites and in total, as well as the number of hours worked.

Scarification

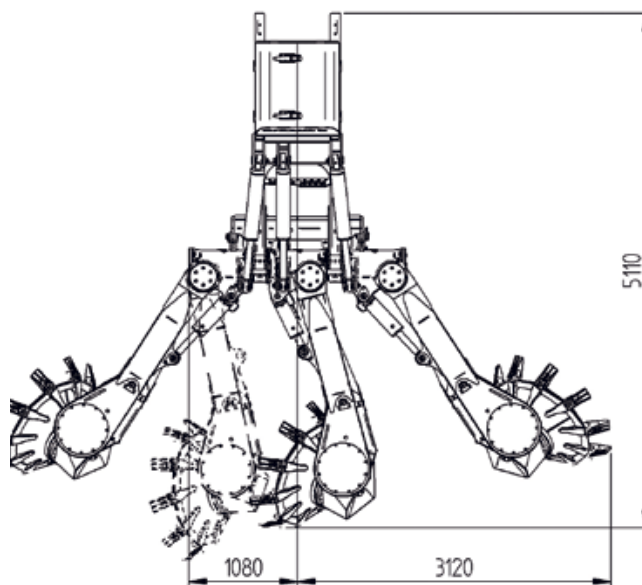
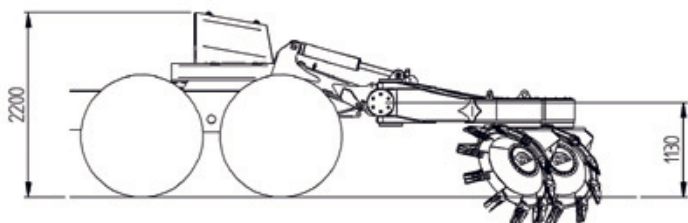
The operator controls the Bracke T35.b from the cab. Depending on changes in the site conditions, one of the eight preset programs are chosen. The control system gives the operator variation possibilities to set arms and discs on different widths and angles. When necessary, the arms can be lifted separately. It is also possible to vary ground and lifting pressure or operate with a float position. The Bracke T35.b can be set to work continuously or intermittently.

Technical data

Prime mover	Forwarder/skidder 19 – 24 ton
Weight	5 500 kg
Disc diameter	1,000 mm, 1,400 mm incl. teeth Replaceable teeth
Hydraulic pressure	170 bar
Hydraulic flow	120 l/min
Electrical system	24V
Control system	PLC based
Accessories	Seeder S35.a Extra oil cooler



PLC based control system



The Bracke T35.b creates planting spots with inverted humus (T), mineral soil mounds on inverted humus (H), and mineral soil mounds (M).



The Bracke T35.b is suitable for large scarification objects and is mounted on large prime movers.