

Three-row moulder

The Bracke M36.a is a powerful moulder that can be attached to a large prime mover. Thanks to its flexibility, the M36.a can be used for both smaller and larger scarification sites.

Design

The M36.a has an articulated design, making it versatile and easily maneuvered in the field. The mattock wheels easily find their way around stumps and stones. To further increase maneuverability in the field and to offer even greater variation in scarification, the Bracke M36.a can be supplied with several types of mattock wheel. The M36.a's hydraulics feature load-sensing valves that are connected to the prime mover. The M36.a's flexibility ensures that it delivers good results on all site types, but is a particularly good choice when terrain conditions vary considerably.

Continuous adjustment

The operator controls the Bracke M36.a effortlessly from the cab using the Bracke Growth Control system. The operator can choose between eight preset programs depending on site conditions. The planting spots are laid out in the direction of travel, at equal distances regardless of speed or site condi-

tions. The mattock wheels are hydraulically controlled and their rotation is geared to the machine travel speed. Bracke Growth Control makes it possible to adjust not only the mattock wheels but also the three arms independently of one another, enabling one- or two-row operation. With Bracke Growth Control's variable settings, the moulder can be set to make mounds or scarify patches of various lengths.

Bracke Growth Control

Bracke Growth Control, our advanced control system, is based on modern CAN-bus technology. The moulder is fitted with sensors that send information to Bracke Growth Control about, for example, the tractor's speed and the rate of rotation of the mattock wheels. Information from the display and control levers are sent digitally via the CAN-bus cable between the cab and the CPU in the moulder. Settings are made and information retrieved via the display in the cab. Bracke Growth Control keeps track of the number of mounds, for both individual sites and in total, the scarified area, the distance covered, and the number of hours worked. The control system has eight programmable operation settings directly on the joystick in the cab. There is an optional printer that makes it easy to print and document information.

Bracke reserves the right to make changes without prior notice.

Technical specifications

Prime mover Forwarder / Skidder (see Bracke Guidelines)

Weight 5200 kg

Mattock wheel Choice of three- or four-pointed

Mattock wheel radius 725 mm

Hydraulic requirements

Pressure 160 bar

Flow 90 l / min

Productivity per hour

2500 planting spots per hectar and two meters spacing

Easy terrain 1,9 ha

Normal terrain 1,1 ha

Hard terrain 0,7 ha

Electrical system 24V

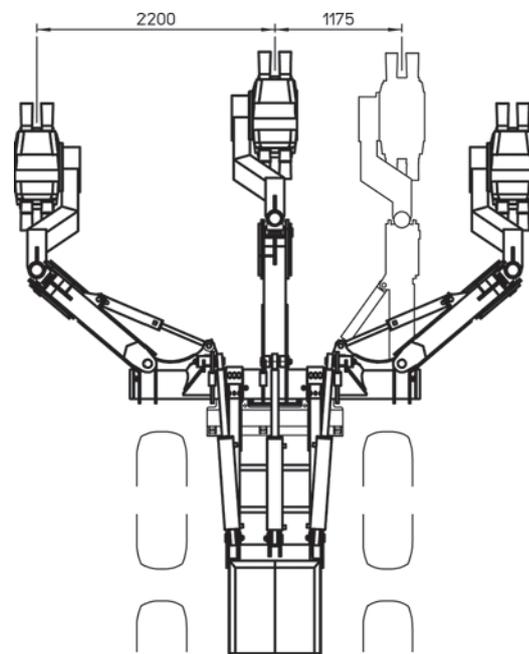
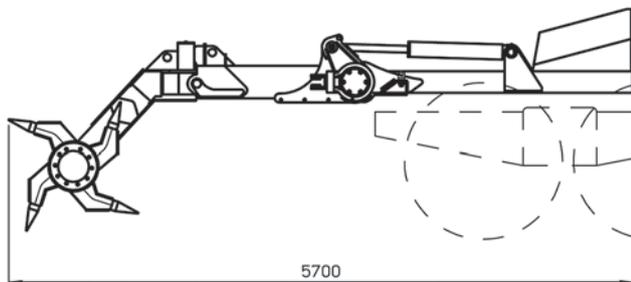
Control system PLC-based

Bracke Growth Control

Accessories Printer for site data
S35.a, seeder
GPS system: FC-GIS



At the heart of the M36.a lies Bracke Growth Control, a PLC-based control system using CAN-bus technology.



Scarification with the M36.a gives plants and seeds the best possible start for growth and survival whatever the terrain.



Together, Bracke Growth Control and FC-GIS give the operator full control.



The Bracke M36.a creates planting spots with inverted humus (T), mineral soil mounds on inverted humus (H), and mineral soil mounds (M).

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