



## Four-row moulder

The Bracke M46.a is our high performance model that attaches to a large prime mover and is suitable for really large scarification sites. The Bracke M46.a is designed to make the most of a new generation of prime movers with greater traction.

### Design

The M46.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 M46.a can be supplied with several types of mattock wheel. The M46.a hydraulics feature load-sensing valves that are connected to the tractor. The Bracke M46.a 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 M46.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 terrain conditions. 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 four arms, enabling one-, two-, or three-row operation. Bracke Growth Control's variable settings enable you to set the moulder 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 easily accessible by 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

<b>Prime mover</b>	Forwarder / Skidder (see Bracke Guidelines)
<b>Weight</b>	6400 kg
<b>Mattock wheel</b>	Choice of 3- or 4-pointed
<b>Mattock wheel radius</b>	725 mm

### Hydraulic requirements

Pressure	160 bar
Flow	125 l / min

### Productivity per hour

2500 planting spots per hectar and two meters spacing	
Easy terrain	2,5 ha
Normal terrain	1,5 ha
Hard terrain	1,0 ha

### Electrical system

24V

### Control system

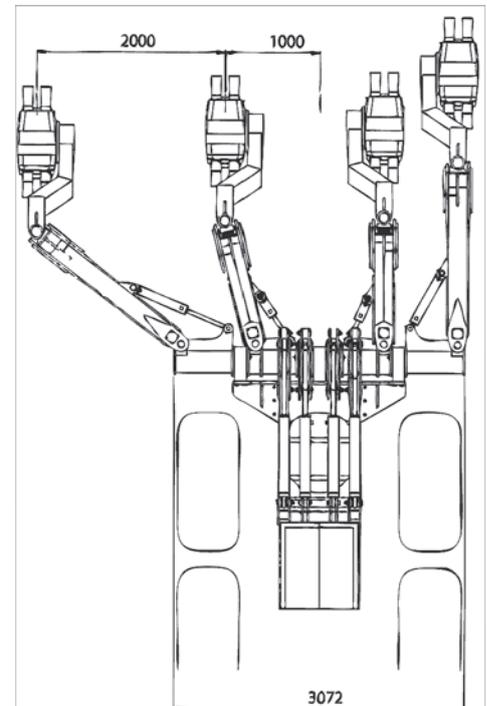
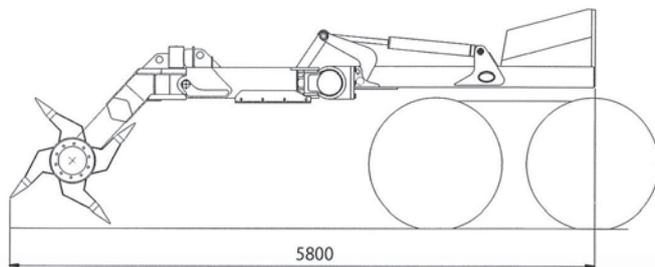
Bracke Growth Control PLC-based

### Accessories

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



At the heart of the M46.a lies Bracke Growth Control, a PLC-based control system using CAN-bus technology.



Scarification with the M46.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 M46.a creates planting spots with inverted humus (T), mineral soil mounds on inverted humus (H), and mineral soil mounds (M).

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