

# MICHAELIS Gear MOWING BUCKET



Professional technology for decades



# Technical Data:



above: clean cutting on the slope  
left: mowing the ditch bottom

type:	cutting width:	oil flow (constant):	weight (incl. adaptor*):	max. allowable pressure:	max. allowable back-up pressure:	required Ø pressure line:	minimum required Ø return line:
M 2200 G	2,20 metres	22 lpm	420 kgs	180 bar	5 bar	Ø 12 x 1,5 mm	Ø 22 x 2 mm
M 2500 G	2,50 metres	22 lpm	490 kgs	180 bar	5 bar	Ø 12 x 1,5 mm	Ø 22 x 2 mm
M 3000 G	3,00 metres	22 lpm	610 kgs	180 bar	5 bar	Ø 12 x 1,5 mm	Ø 22 x 2 mm
M 4000 G	4,00 metres	32 lpm	740 kgs	180 bar	5 bar	Ø 12 x 1,5 mm	Ø 22 x 2 mm
M 5000 G	5,00 metres	48 lpm	950 kgs	180 bar	5 bar	Ø 12 x 1,5 mm	Ø 22 x 2 mm

(\* The weights of the adaptors vary according to excavator type and model. The values in the table regarding the constant oil flow and the pressure must be adhered to in order to achieve an ideal function and an optimum performance.

For the operation of a gear mowing bucket a separate oil circuit has to be generated. Particular attention should be paid to the sufficient size of the return line (see above).

It is recommended to use an already preinstalled flow-divider on the bucket to adjust the required constant oil flow directly at the mowing bucket.



### Possible supplementary equipment

left:  
mud plate and top grid

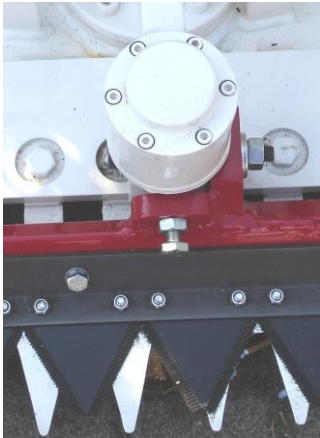
right:  
finger protector



**The adaptors** are made suitable for the respective excavator model or (if applicable) quickcoupler. Also special sizes are available on request. If the kinematic data of the excavator are provided, we calculate the optimum opening angle for the mowing bucket.

Pendular supported adaptor. The pendulum motion is damped by 2 rubber buffers, resulting in a good adaption to the ground conditions.

# The Gear Mowing Bucket „G“

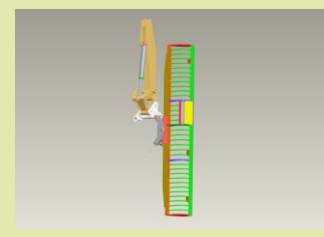


Knife and knife holder are connected and form a stable unit. The floating knife guide provides low wear between knife and fingers. Maintenance-free bearing locations of the pendulums and a stable construction design are among the factors for a long life.



Picture above:  
Dipperstick extensions are also part of the production range of MICHAELIS.

**Special transport adaptors** are available, such as a mechanical folding adaptor, which enables to put down the mowing bucket sideways on the respective vehicle (for instance low-loader). Furthermore a hydraulic swivelling device (pictured right) is available.



- For mowing works on slopes and the ditch bottom with the facility to remove the cut material at the same time
- Available in cutting widths of up to 5 metres
- High cutting power thanks to gear drive
- Low-wear bearing positions and components
- Central lubrication
- Tried and tested MICHAELIS cutting system with protruding finger bar and floating knife

## The Gear Mowing Bucket „G“



### Your advantages:

- Service direct from the manufacturer
- Powerful due to gear drive
- Maintenance-free through central lubrication
- Low wear and tear
- Robust construction
- Individual adaption to your excavator



As a manufacturer of mowing buckets since 1972 we will gladly face the tasks you set us with our experience available. Your requirements are a welcome challenge for us.

Efficient maintenance of waters with robust and powerful technology of MICHAELIS.



### Manufacturer:

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Stocker-Crew

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