



# brielmaier

## The powerful and universal machine

Efficiency · Ease of use · Safety on hills and slopes

- Completely hydraulic wheel and cutter drives
- No wear-prone clutches
- Cutters available in 4' to 20' working width
- Maximum safety even in the steepest hill locations
- Supreme ease of use completely at the steering bar
- **New:** also with remote control



  
**REMOTE  
CONTROL**



### **Brielmaier motor mower**

with flail mower / mulcher 1.60 m, the ideal machine for municipal use

### **Brielmaier Motormäher**

with 3.50 m cutter bar for maximum area coverage

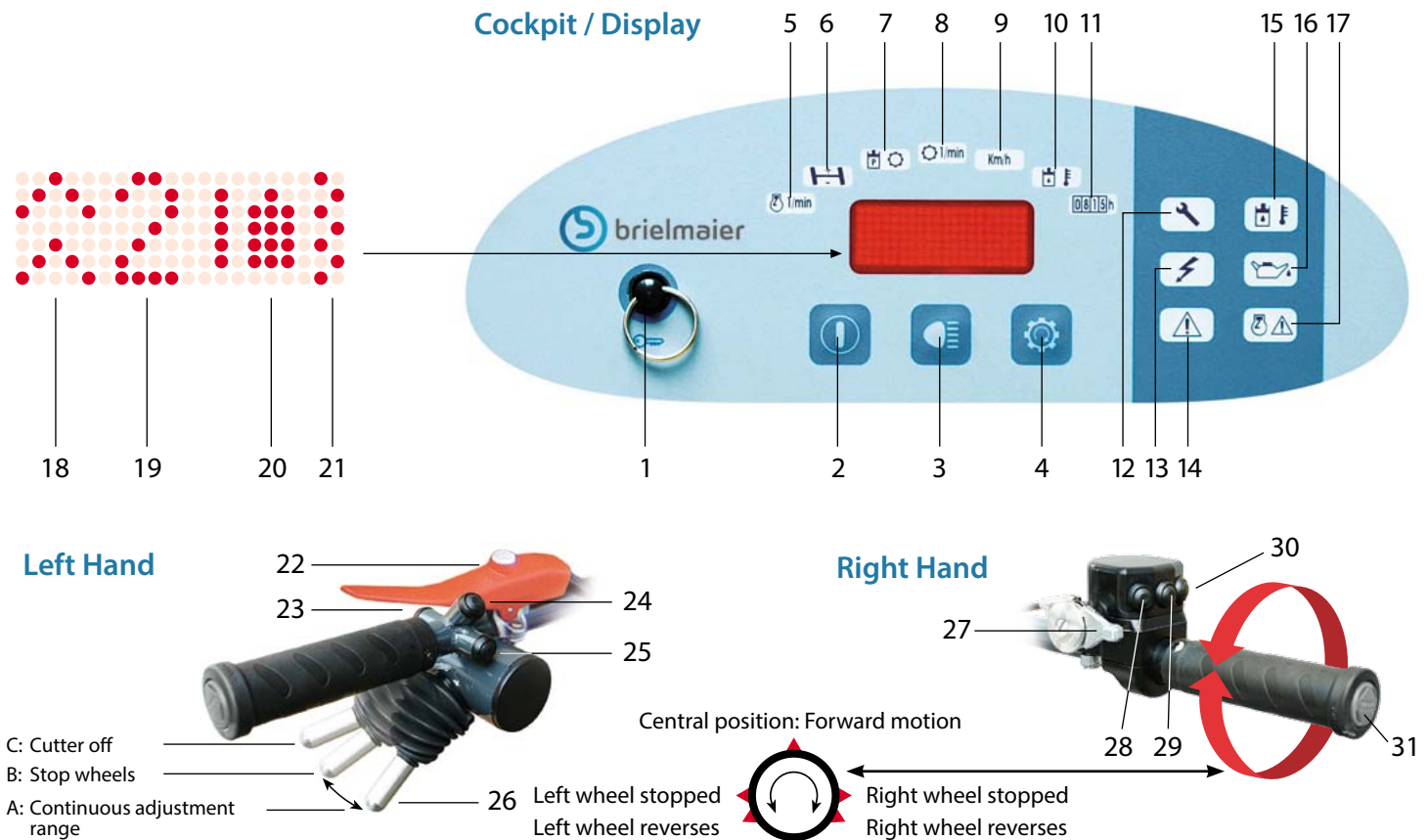


Approved Safety  
(German authority seal)



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## The key controls



### Our advantages:

- All controls are ergonomically positioned close to your grip.
- Thanks to our use of robust electrics, they remain in good working order for a long time and can always be activated with just a light touch.
- The controls and steering are engaged safely, logically and simply.
- All functions can be switched on and off easily from the handlebar while the machine is moving and working, without clutch operation.
- So using the mower is physically effortless and effortlessly easy.

### Cockpit/Display

1. Ignition key
2. Start button
3. Light on/off (headlight optional)
4. Cutter on/off

### LED-Indicators:

5. Engine revolutions
6. Trim, straight ahead setting
7. Optional with installation of proportional pressure relief valve
8. Equipment drive revolutions (optional)
9. Speed (optional)
10. Hydraulic oil temperature
11. Running time (hours and minutes)
12. Not yet in use
13. Ignition on
14. Warning Safety sensors
15. Hydraulic oil temperature too high
16. Oil pressure\*
17. Not yet in use

### Central Display

18. Travel direction indicator
19. Selected speed level
20. Speed level micro-adjustment
21. Cutter in operation

### Left Hand

22. Dead man's switch system
23. Set to speed level below
24. Change direction
25. Set to speed level above
26. Clutch handle

### Right Hand

27. Throttle
28. - button (reduce value)
29. Select button / Scroll
30. + button (increase value)
31. Turnable steering handle

\* switch machine off and check oil status

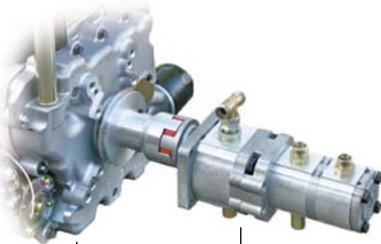
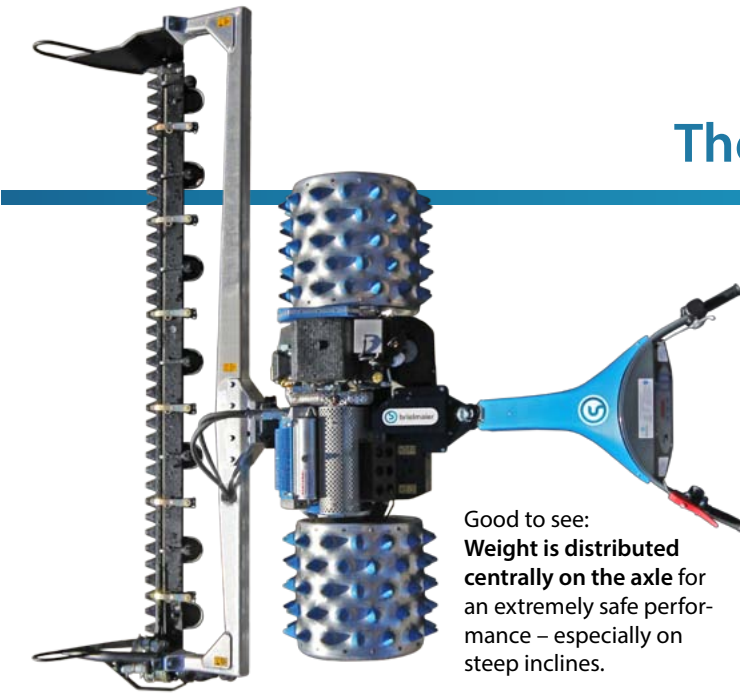


# The mower's basic construction

## The hydraulic mower:

The Brielmaier hydraulic mower is powered by a 4-cycle petrol engine (1). This in turn drives three hydro pumps (2), which supply the oil motors for the wheel (4) and cutter (5) drives through finely tuned valve technology (3), without the need for a gearbox or expensive and wear-prone clutches. Each wheel is individually powered.

Good to see:  
**Weight is distributed centrally on the axle** for an extremely safe performance – especially on steep inclines.



1



3



4



5



4

Pump 1 supplies the cutting equipment. Pumps 2 and 3 power the wheel drives, which can be operated at three speed levels using the buttons on the left handle (see left hand controls). Each speed level can be reduced continuously down to zero by micro-adjustment. You can also use the clutch lever to reduce the selected speed continuously down to 0 irrespective of engine speed. The wheels will brake simultaneously.

The Brielmaier motor mower's hydraulic system includes an oil cooler, so the mower remains fully operational even in high temperatures.

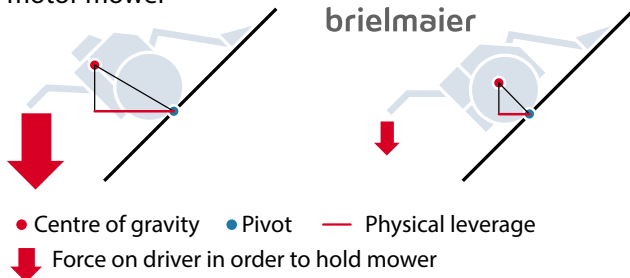
## Our advantages:

- Central weight distribution on the axis, ideally suited to slopes
- Fully hydraulic drive for machine and attachments as well
- Turns on its own axis
- Patented, self-cleaning studded roller-wheels with replaceable studs
- Easy handling thanks to the ergonomically adjustable steering bar
- Steering and speed controls are equipped with touch-free sensors.
- Models with GPS-based remote control are under future development...

## Comparative physical effort:

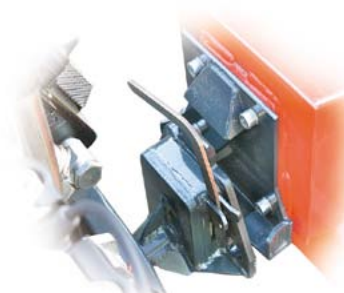
conventional motor mower

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Practical detail:

With the **Quick Changeover System** all cutter bars and a host of accessories (see following pages) can be changed in seconds without tools.














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## Our cutter bars

- Sturdy double-knife portal cutter bars
- Cutting system: Bidux
- Attached and dismantled from the base machine using Fast Changeover System
- Double to three times the service life of conventional cutter bars thanks to adjustable working pressures
- The Bidux Cutting System is available in different cutting widths
- Cutter bars up to 235 cm with swing arm drive and from 260 cm with eccentric side-drive

	Width	Weight
	4'	190 lbs
	5' 3"	210 lbs
	6' 7"	230 lbs
	7' 9"	250 lbs
	8' 6"	330 lbs
	9' 10"	345 lbs
	11' 6"	355 lbs
	14'	375 lbs
	20'	430 lbs

The 20' cutter bar is equipped with an electronic module and cable connectors for two basic machines



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## Wheel Variations

The applications of our mowers range from municipal use on the steep slopes of motorways, rocky mountain areas up to bogs and swamps. In most cases our patented studded roller wheels, which we sell in six dimensions by now, offer best services. We also still offer the rubber tyres shown below.

All studded roller wheels can be ordered with metal tips for the use in rocky terrain!



### Tires / Width

### Compl. weight, approx.

Simple Standard 5.00 x 12  
4'

60 lbs

Twin 5.00 x 12  
5'3"

130 lbs

Terra 23 x 10,50 - 12  
4'8"

70 lbs

### Studded roller wheels:

3-rowed  
4'11", Ø 2'

62 lbs

4-rowed  
6', Ø 1'10"

70 lbs

5-rowed  
6'9", Ø 1'10"

75 lbs

5-rowed, high  
6'9", Ø 2'

80 lbs

7-rowed  
7'7", Ø 2'

88 lbs

9-rowed  
8'10", Ø 2'6"

168 lbs







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The hydraulic design of the **Brielmaier motor mower** makes it an extremely versatile tool. We also deliver the following configurations:

## Hill-Rake

Newly developed rake for steep slopes

Runs into both directions, easily to be switched with the clutch handle, so the machine can always run straight forward

Always runs on cleaned-up ground, thus very good grip especially on steep hills

Attach to Brielmaier hydraulic mower using Fast Changeover System

Working width 180 cm, 200 cm and 240 cm

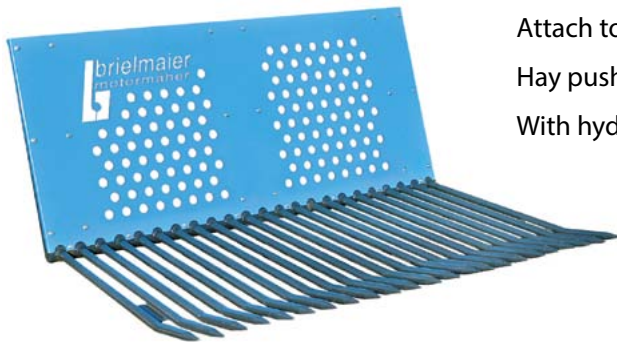


## Hay pusher

Attach to Brielmaier hydraulic mower using Fast Changeover System

Hay pusher working width of 1.6 to 2.4 m

With hydraulic compressor on request



## Rake tedder

Front-mounted rake tedder with three pairs of prongs

Attach to Brielmaier hydraulic mower using Fast Changeover System

180 cm working width

Standard synchronised steering enables the base machine to be co-steered with the handlebar of the rake tedder

Pneumatic tyres





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## Equipment Variations and Special Accessories

Many other machines available on the market  
can be adapted and provided with a hydraulic drive!



### Flail mower

6 mm Y-blade

Hydraulic drive

Basic machine equipped with extremely powerful  
Kohler 2-cylinder V engine with 27 HP / 20 kW

Working width: 1.25 m



### Sweeper

Front-mounted sweeper FKM 1250 H

Attach to Brielmaier hydraulic mower using  
Fast Changeover System for equipment

125 cm working width, 35 cm roller diameter

Hydraulic drive

Traversing wheels height-adjustable over 1 spindle each

Side broom attachment height-adjustable by 40 cm ø

Powered through broom shaft

Collector box



### Snow blower Zaugg

Attach to Brielmaier hydraulic mower  
using Fast Changeover System

Pro blower for municipal use

With loading flue on request



### Snow blower Bittante

Attach to Brielmaier hydraulic mower  
using Fast Changeover System



### Snowplough

Attach to Brielmaier hydraulic mower using  
Fast Changeover System

Hydraulically pivoted, 160 cm working width

Rubber wear strip



## REMOTE CONTROL

### HBC-radiomatic remote control

Control all major functions from a distance of appr. 1,000 ft.

With display / feedback function

### 2-cylinder V-engines

- Kohler Command ECH 749 26.5 HP / 19.6 kW
- Kohler Command CH 740 25 HP / 18.5 kW
- Kohler Command ECH 630 19 HP / 14.2 kW
- Kohler Command CH 620 18 HP / 13.2 kW

We use petrol engines because diesel engines are approximately twice as heavy and almost twice as expensive, effectively negating the advantages of a motor mower.



#### Attention:

SAE standards for the indication of the power have changed. Instead of 85% (like it has been before), now 95% of a series have to reach the indicated value.

For that reason our two more powerful engines are identical with the former 29 HP/21,7 kW and 27 HP/19,8 kW models!



### Studded roller-wheels

Studded roller-wheels allow you to work on the steepest slopes – slopes you could previously only cut by hand.

With its multiple support points, the studded roller-wheel has a very strong hold that prevents the turf being torn up.

The patented extrusions, equipped with replaceable plastic studs, have a very effective self-cleaning facility.

The standard synthetic studs can be replaced by studs with metal tips for the work on rocky ground.

