

The hillside specialist that's easy to use

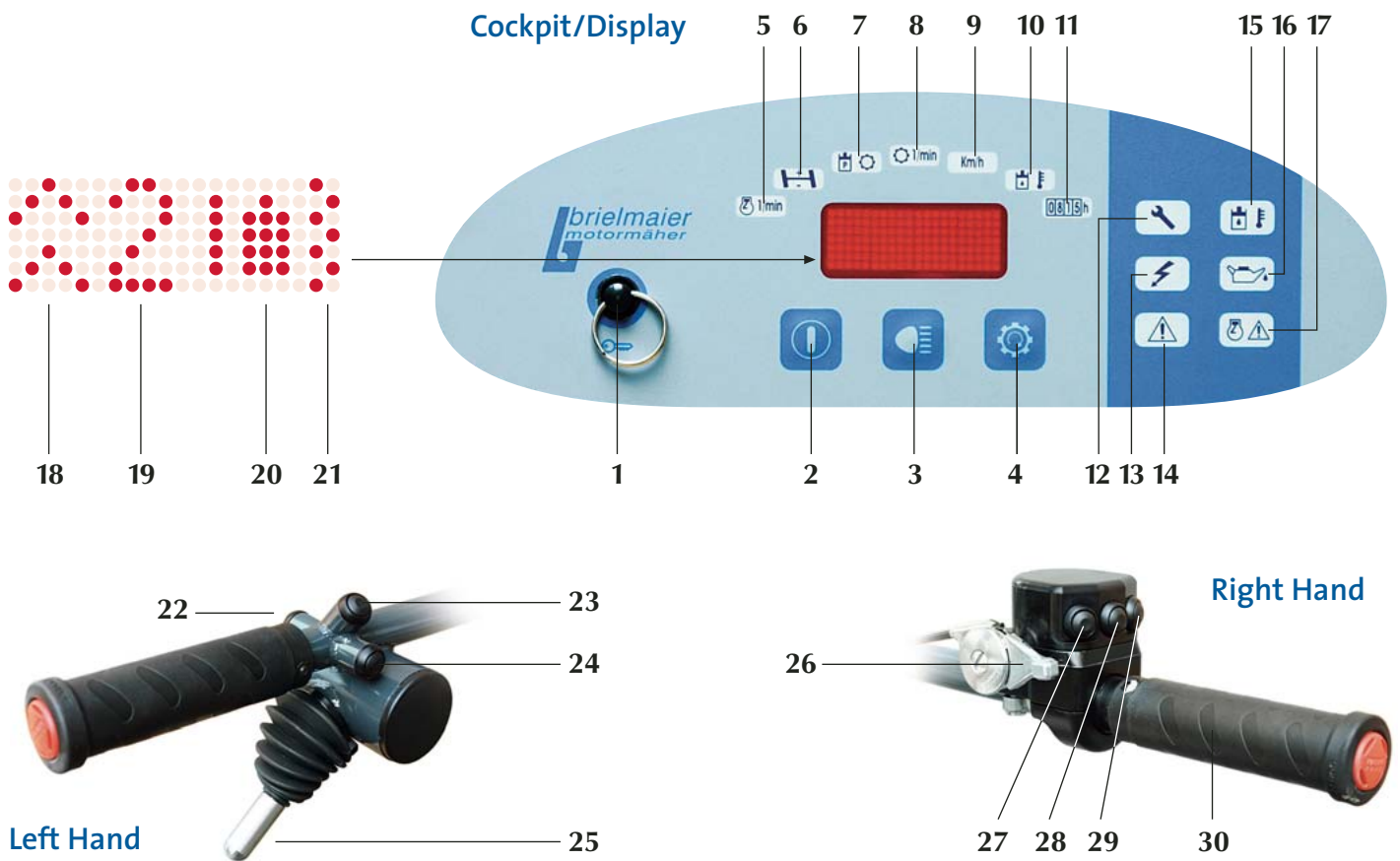
- Completely hydraulic wheel and cutter drives
- No wear-prone clutches
- Cutters available in 1.25 m to 3.50 m working width
- Maximum safety even in the steepest hill locations



Brielmaier Motormäher
with 11 kW / 15 HP engine
and 2 m cutter bar

Brielmaier motor mower
with 20 kW / 27 HP engine
and 3.50 m cutter bar





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.
- When both handles are released, the machine stops safely while the engine continues to run (sensor handles).

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)
12. Not yet in use
13. Ignition on
14. Warning (optional)
15. Hydraulic oil temperature too high
16. Oil pressure*
17. Not yet in use

Central Display

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

Left Hand

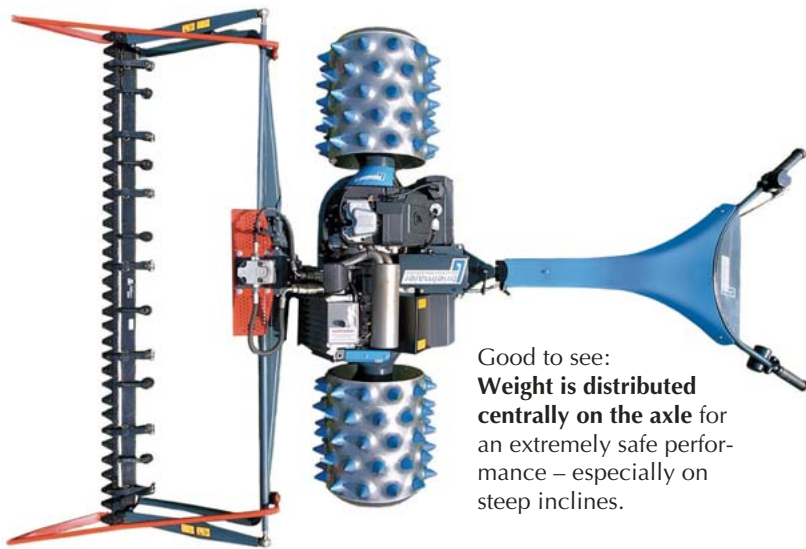
22. Set to speed level below
23. Change direction
24. Set to speed level above
25. Clutch handle

Right Hand

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

* switch machine off and check oil status

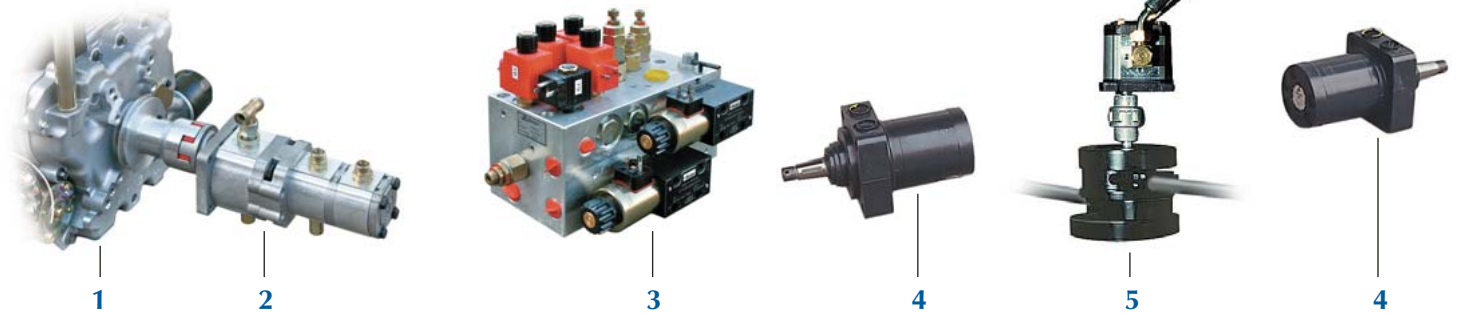
The mower's basic construction



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.



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.

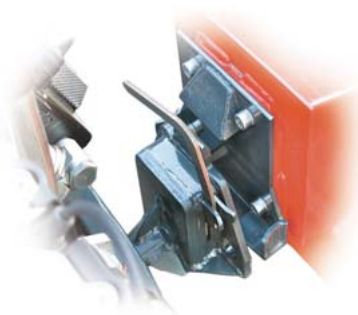
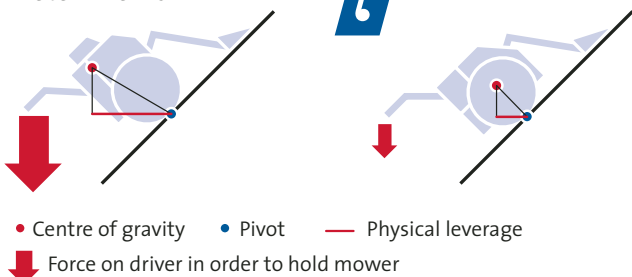
Our advantages:

- 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





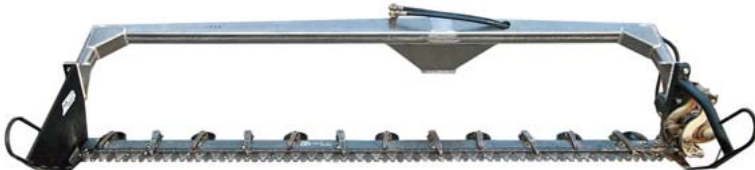


brielmaier
motor mower



Practical details:

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

- 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
	125 cm	86 kg
	160 cm	95 kg
	200 cm	105 kg
	235 cm	112 kg
	260 cm	150 kg
	300 cm	155 kg
	350 cm	160 kg








Wheel Variations

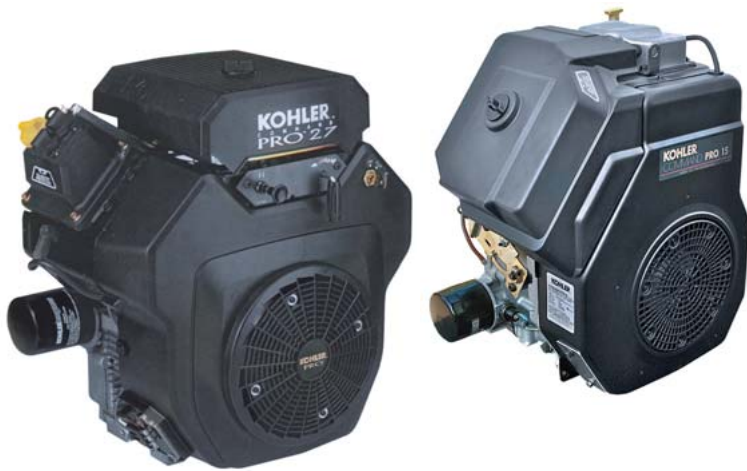
Petrol-engine push mowers are normally used for difficult terrain. Unfortunately, no one tyre type works for all areas of use.

The professional knows the importance of choosing the right tyre for the job.

That's why we've tested a range of different tyre types out in practice for you.

We use only reliable, branded products and stock the following tyre types:

	Tyre	Width	Compl. weight, approx.
	Simple Standard 5.00 x 12	1.213 mm	27 kg
	Terra 23 x 10,50 - 12	1.435 mm	32 kg
	Twin 5.00 x 12	1.590 mm	59 kg
	Simple 5.00 x 12 with steel extension wheel	1.630 mm	65 kg
	Simple 5.00 x 12 with studded roller-wheel	1.630 mm	55 kg
	Studded roller-wheel, high model	1.500 mm	23 kg
	Studded roller-wheel, low model	2.080 mm	28 kg



Engines

- Kohler Command CH 740 2-cylinder V
27 HP / 20 kW, 43 kg
- Kohler Command PRO 15 single cylinder
15 HP / 11 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.



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

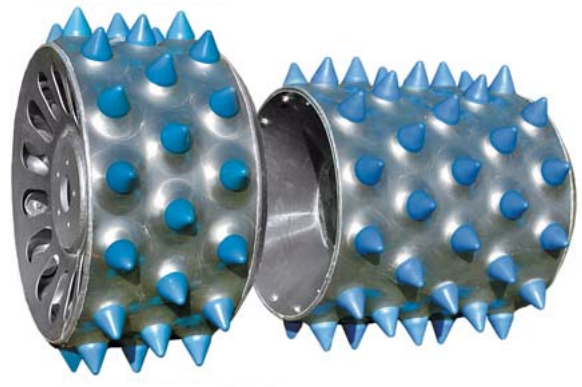
Collector box

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.



Hay turner

Attached using Fast Changeover System

Hydraulic drive

Height adjustment via spindle

Choice of iron or pneumatic rubber wheels, ø 320 mm

Working width 2.40 m / Weight 130 kg



Equipment Variations and Special Accessories



Snow blower

Attach to Brielmaier hydraulic mower using Fast Changeover System

From standard blower to Pro blower for municipal use

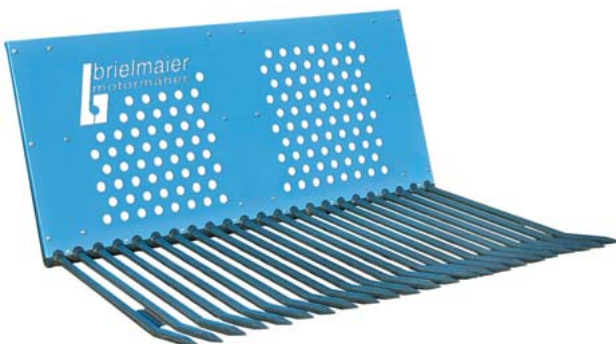
With loading flue on request

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

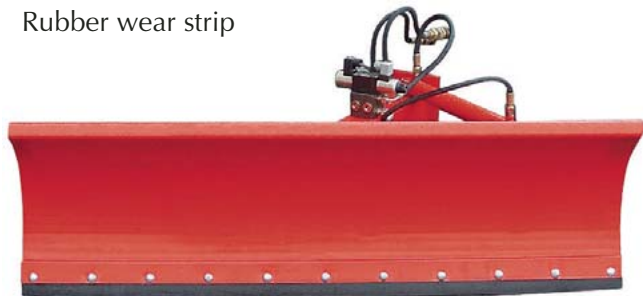


Snowplough

Attach to Brielmaier hydraulic mower using Fast Changeover System

Hydraulically pivoted, 160 cm working width

Rubber wear strip



Protector tub

The Bidux system protector tub (left) is shaped like a small tub and is installed under the lower cutter guide.

It has the following tasks:

- it prevents the cutter guide being worn down by stony ground
- the cutter operates about 1 cm higher, reducing wear and tear on knives
- it reduces damage to turf to a minimum in all directions of travel

The Brielmaier Protector Tub System (illustrated right) is attached to the cutter bar. With this protector tub fitted, the cutter operates about 3 cm higher.



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



(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



Safety mulcher

Spiral shaft
Hydraulic drive



For safe mowing in park areas

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

Working width: 1.25 m



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