



BRAUN 

BRAUN MACHINERY ENABLES YOU TO NURTURE THE BLESSINGS OF THE VINES



**PURPOSE DESIGNED AND
PRODUCED IN THE HEART
OF VINEYARD COUNTRY**

BRAUN Mulcher

Alpha 2000 | Alpha sensotronic



MULCHER ALPHA 2000 | SENSOTRONIC

- 1 For mowing grassed vineyards and orchards
- 2 For mulching of vine and orchard prunings

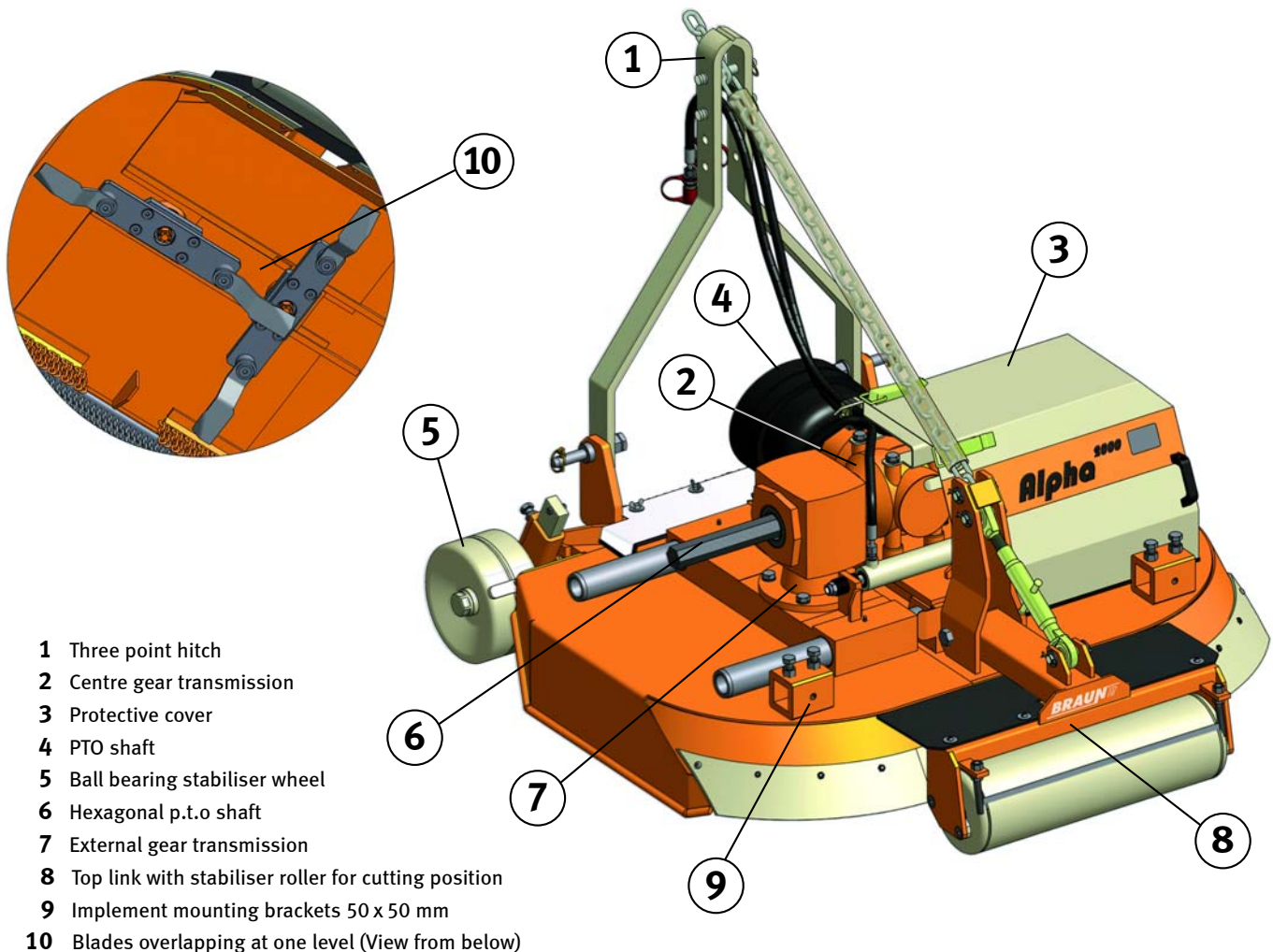


BRAUN Mulcher/Mower Alpha 2000 | sensotronic The implement for fruit growing and viticulture

Cultivation without the use of chemicals – our Mulcher series *Alpha* makes this possible. By mulching weeds and prunings you are returning important substances to the soil and generating a build up of humus. In particular, the ability to adapt to a variety of row widths or slopes is an important feature of the implement for efficient work. For example, using a sensor switch, our Mulcher *Alpha sensotronic* is able to continuously adjust to the row widths regardless of what it encounters along the way.

Distinctive BRAUN advantages include:

- Adjustment of the working width while driving
- Easy to use
- Compact construction for easy manoeuvring on headlands
- Cutting height continuously adjustable
- Cutting height is precisely maintained
- Maintenance free stabiliser roller bearings
- Integrated implement mounting for vine stem cleaner, spray nozzles, etc.



- 1 Three point hitch
- 2 Centre gear transmission
- 3 Protective cover
- 4 PTO shaft
- 5 Ball bearing stabiliser wheel
- 6 Hexagonal p.t.o shaft
- 7 External gear transmission
- 8 Top link with stabiliser roller for cutting position
- 9 Implement mounting brackets 50 x 50 mm
- 10 Blades overlapping at one level (View from below)



Flexible and efficient vineyard and orchard management with the BRAUN Mulcher/Mower series



Mulcher/Mower Alpha 2000

The hydraulic continuously adjustable BRAUN-Mulcher/Mower

The warp-resistant base frame with maintenance-free and precision-mounted side plates make the *Alpha 2000* a robust and durable implement. The external gear transmission is located on smoothly routed U-rails, which are connected to the large, easily-maintained bearing blocks. This results in a solid and stable frame so that the hexagonal shaft only transfers the driving power of the transmission: essential for the continuous *Alpha sensotronic* sensing.

The 5 mm-thick ball bearing stabilising wheels mounted on the base frame guarantee superior stability. Integrated implement support brackets of 50 x 50 mm for other accessories (such as vine stem cleaner etc) allow for additional work procedures to be performed simultaneously. Even vine prunings can be mulched thanks to the sturdy construction of the *Alpha 2000*.

Mulcher/Mower Alpha sensotronic

The intelligent BRAUN Mulcher

The intelligent BRAUN-Mulcher *Alpha sensotronic* can automatically adjust the working width through its sensing device.

The 250 mm per cylinder stroke results in a width adjustment range of 500 mm (with *Alpha sensotronic* 1300- 1800 mm).

Integrated electronic control enables the following possibilities:

1. Double-sided automated operation

Individual scanning with sensors and the asymmetrical piloting allow for the sides to adjust to the width of the row independently of one another.

2. One-sided automated operation (i.e. on terraced terrain)

Both sides can be separately switched into the automatic mode. With the electronic control, the side that faces into the slope can be manually positioned. The side leaning towards the vine row can be contacted with the sensor. This prevents a side of the Mulcher from pushing into the slope.

3. Manual control

In manual mode each side of the Mulcher/Mower can be individually set at a specific width either apart or together and this width can be fixed.

The *Alpha sensotronic* offers in addition all the advantages of the *Alpha 2000*.



Technical Data: Alpha 2000 | sensotronic

Working width	Weight
1100 - 1400 mm	460 kg
1220 - 1600 mm	500 kg
1300 - 1800 mm	540 kg
1400 - 1900 mm	580 kg
1500 - 2000 mm	600 kg
1600 - 2100 mm	640 kg
1650 - 2200 mm	650 kg
1950 - 2500 mm	670 kg

Alpha 2000: External width = Working width + approx. 60 mm
Alpha sensotronic: External width = Working width in folded condition + approx. 90 mm



WITH THE BRAUN SYSTEM THE VINETRUNK AREA IS CLEARED WITHOUT THE USE OF CHEMICALS



Mulcher Avant duplex

The compact BRAUN Mulcher for fixed lane widths

The twin-rotor Mulcher/Mower *Avant duplex* is specifically designed for vineyards with only one row width. The two blade carriers, each with two blades rotating around the axle, ensures a first class cutting process and even distribution of mulch material. The very compact design is ideal for combination with front mounting implements. Adjustment of the cutting height is continuous rather than at set levels.

Avant duplex features the same advantages as the Alpha-Mulcher/Mower (additional equipment mounts, stable support wheels, robust construction allows for mulching of vine prunings).

Technical Data

Working width	approx. weight
1400 mm	420 kg
1500 mm	460 kg
1600 mm	500 kg

External width = Working width + approx. 60 mm

Mulcher Avant

The sturdy BRAUN Mulcher/Mower with clever details

The *Avant* features a sturdy construction and specialized design. The tapered form of the Mulcher/Mower front pushes stems to the side and minimizes the risk of vine trunks and stakes getting snagged. The linear side thrust is a mechanical function with lock-in adjustment (no tool required). It is also possible to have hydraulic linear side thrust.

The *Avant* also boasts additional implement mounts, stable support wheels and a robust construction that allows for the mulching of vine prunings.

Technical Data

Working width	approx. weight
1000 mm	230 kg
1100 mm	240 kg
1200 mm	250 kg

External width = Working width + approx. 80 mm



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