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
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

<table>
<thead>
<tr>
<th>Working width</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>1100 - 1400 mm</td>
<td>460 kg</td>
</tr>
<tr>
<td>1220 - 1600 mm</td>
<td>500 kg</td>
</tr>
<tr>
<td>1300 - 1800 mm</td>
<td>540 kg</td>
</tr>
<tr>
<td>1400 - 1900 mm</td>
<td>580 kg</td>
</tr>
<tr>
<td>1500 - 2000 mm</td>
<td>600 kg</td>
</tr>
<tr>
<td>1600 - 2100 mm</td>
<td>640 kg</td>
</tr>
<tr>
<td>1650 - 2200 mm</td>
<td>650 kg</td>
</tr>
<tr>
<td>1950 - 2500 mm</td>
<td>670 kg</td>
</tr>
</tbody>
</table>

Alpha 2000:  
External width = Working width + approx. 60 mm

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

<table>
<thead>
<tr>
<th>Working width</th>
<th>approx. weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>1400 mm</td>
<td>420 kg</td>
</tr>
<tr>
<td>1500 mm</td>
<td>460 kg</td>
</tr>
<tr>
<td>1600 mm</td>
<td>500 kg</td>
</tr>
</tbody>
</table>

External width = Working width + approx. 60 mm

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**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

<table>
<thead>
<tr>
<th>Working width</th>
<th>approx. weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>1000 mm</td>
<td>230 kg</td>
</tr>
<tr>
<td>1100 mm</td>
<td>240 kg</td>
</tr>
<tr>
<td>1200 mm</td>
<td>250 kg</td>
</tr>
</tbody>
</table>

External width = Working width + approx. 80 mm

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