

Belhomme

Inter row weeder



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The Belhomme inter row weeder is a good solution for mechanical weed control in tree nursery's. The inter row weeder weeds in between your trees and shrubs, in the row and in-between the rows. The reflex elements can be mounted on different size frames, to accommodate your row spacing. Blades can be mounted to cultivate in between the rows aswell. These can be left out if there is grass in between the rows. The reflex elements can also be mounted on straddle tractors

Durable weed control

Government agencies and consumers demand more and more that farmers and growers to grow their crop durable and sustainable. Besides that, there a many more reasons to keep your fields clean from weeds in a mechanical way. With a inter row weeder this can be done in a reliable way in the most varied ground conditions.

Sensitive and light probe

Because growers are doing their best all year round to grow the best quality crop possible, damaging the stem is not allowed. The inter row weeders from Belhomme have an electro-hydraulic system. Because of this the probe can be adjusted and setup very sensitive and light. Combined with the power of hydraulics it can weed in a reliable way in the most varied ground conditions.

Reliability

To get maximum return out of your machine, reliability is a must. Belhomme has developed his machines, for decades in the French vinery's, into a reliable and durable weeding machine you can count on.

Versatile

The Belhomme weeding machines are simple, robust and build modular. Because of this the machines can be setup and put together suited specifically for your crop, field setup and soil conditions.





Figure 1 Separate hydraulic system: Because of the limited hydraulic capacity of the tractor the machine is setup with its own hydraulic system. (PTO pump, tank and oil cooler).

Features

- Several attachments can be mounted on the reflex element. This makes it possible to build up a hill next to your crop row or equalize it. Milling or mowing in between your crop is also a possibility.
- Electric controls in the cabin.
- Depth can be easily adjusted by a spindle.
- Adjustable width.
- Adjustable force and speed of the reflex arm.



Figure 2 Tactelec seedling sensor: Extra sensitive and light detection.

Options:

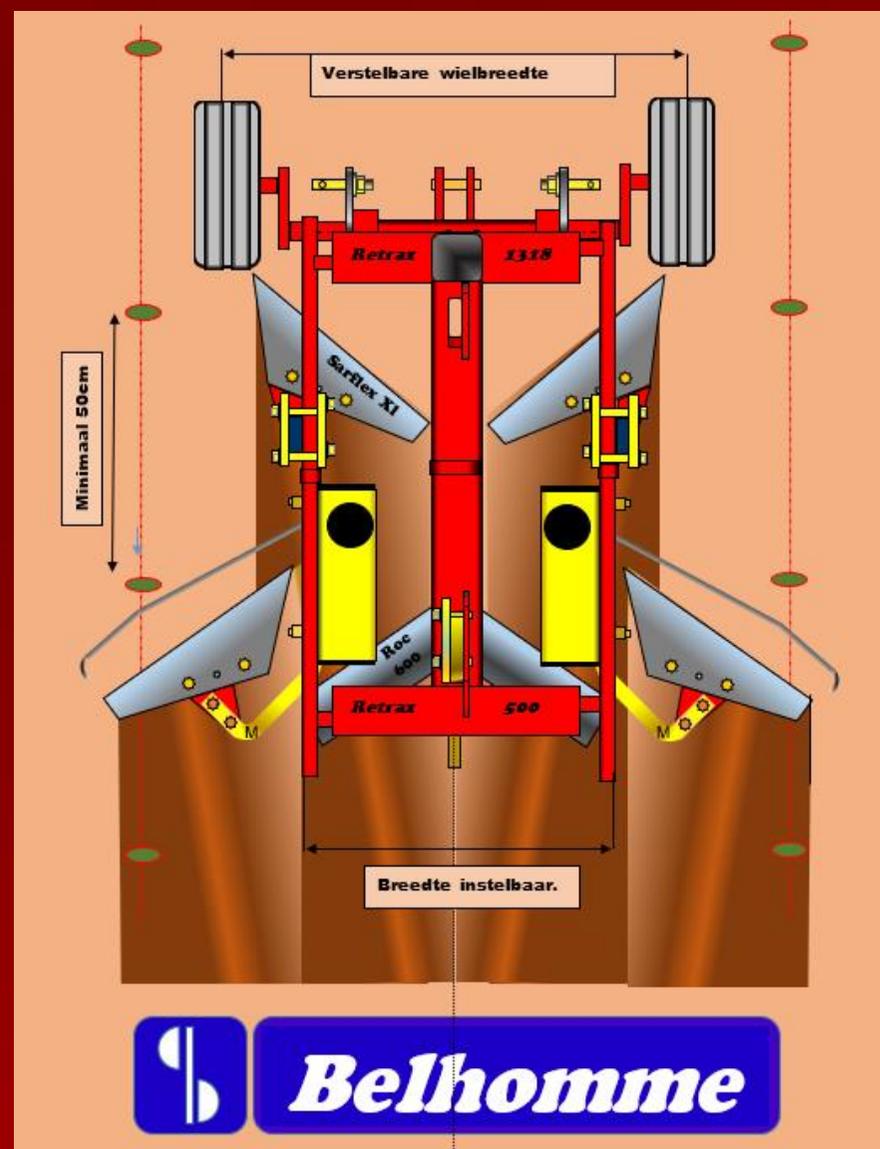
- Tactelec seedling sensors: Extra sensitive sensors to detect young plants and seedlings.
- Steel wheels with wear resistant steel cutting edges and a Coulter disk to cut branches and cuttings. This reduces the risk the machine will catch them and plug the machine.
- Extra steel wheels to create a bigger load capacity on loose soil.
- Hydraulic width adjustment.
- Tractor independent hydraulic system.

Specifications

Row width	1,2m tot 1,6m / 1,4m to 1,8m/ 1,6m to 2m (other distances upon request)
Maximum driving speed	4 km/h (at 50cm plant distance) Higher speeds are possible at higher plant distances. (Dependable on ground conditions)
Minimum plant distance	50cm

Tractor requirements

Power:	18kW (24Pk)
Pump capacity:	25 L/min, 100 Bar (at required engine speed)
Three point hitch lifting capacity:	600Kg (measured at the end of the lifting arm)
Electrical connections:	12Vdc
Hydraulic connections:	(P) Pressure and free flow return to tank(T)



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