



AutoHeight

■ **AutoHeight - full control of the boom height**



AutoHeight - the ultimate control of the boom



The **HARDI AutoHeight system** will control automatically the height, tilt and slant functions of the boom. This gives the driver a much easier control of the boom and the result will be a better spray application.

- **3 robust and precise ultrasonic sensors**
- **Choose between soil or crop mode**
- **Tilt and slant corrections**
- **Proportional valve for smooth movements**
- **Tested under rough conditions with more than 20 km/h**

Operator relief

The HARDI AutoHeight System relieves the operator from the stress making constant boom height, tilt and slant adjustments. The system frees the sprayer pilot from the most stressful part of the job and he no longer has to move his head from side to side for many hours. This also allows the operator to increase the working speed and extend application time well into the night to take advantage of low wind conditions.

Choose between distance to crop or ground

The sprayer pilot can choose to set the boom height according to the crop or to the ground with a single button on the controller in the cabin. So AutoHeight can also be used in open crops or row crops.

Unique technical set-up

The AutoHeight system uses ultrasonic sensors mounted on the each boom wing and also one on the centre of the boom to automatically maintain a preset height of the entire boom above the ground or crop. The sensors have been developed for field conditions and are therefore very robust and precise. The proportional valve controls the boom wings separately. Thanks to the combination of highly specialist sensors and proportional hydraulics, the height corrections are smooth, even and automatic.

Severe terrain kit

For difficult working conditions for example very sloppy conditions or uneven crop heights a Severe terrain kit can be built on. Then a second sensor will be built on each wing to measure the boom height on another position so the optimum boom height is proven more accurate.

Technical specifications

- **3 ultrasonic sensors with integrated micro processors**
- **2 angle sensors**
- **Temperature controlled proportional valve**
- **Break-away on boom sensor brackets**
- **User-friendly operation box**
- **Severe terrain kit for difficult conditions**

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