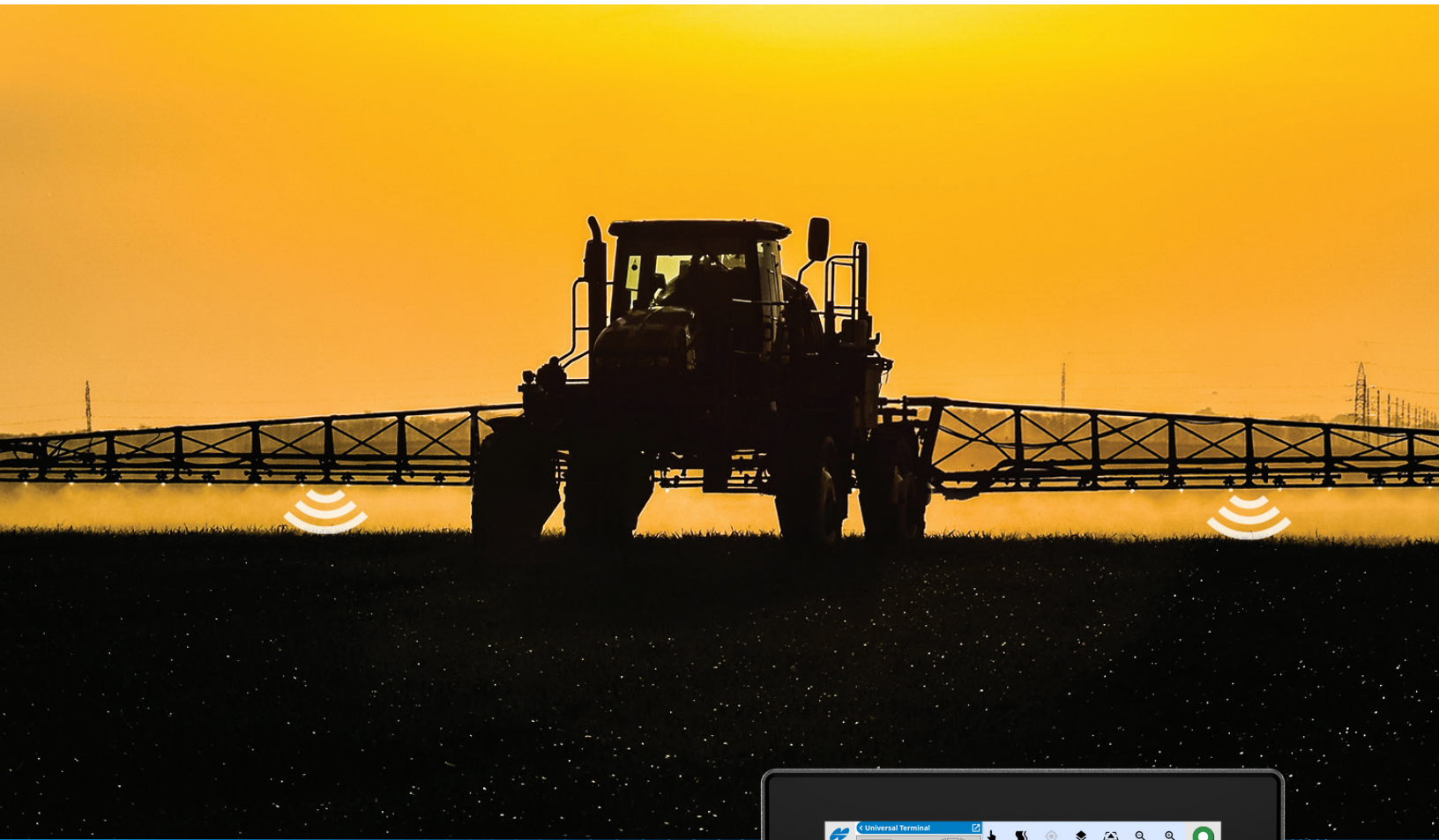


Topcon Crop Care

Boom Height Control



Automatic boom height control solution designed for varying conditions, suited for any operation.



Learn more at topconpositioning.com

 **TOPCON**

For Work That Matters™

As sprayers and precision technologies evolve, manual control of machines and implements becomes increasingly challenging. To fully harness this potential, automation is essential. Boom Height Control acts as a precision enabler, ensuring consistent preset height for accurate application and minimized drift.

Powered by field-proven ultrasonic sensor technology, the Norac UC7 Plus Boom Height Control system automatically adjusts boom height to match the contours of the land. This reduces the operator's need to constantly monitor field terrain, decreasing stress and fatigue. By allowing the operator to focus on machine performance and safety, it enhances both productivity and peace of mind. Offering varying levels of control to suit different needs, the solution is compatible with a wide range of sprayers, making it a versatile choice for any operation.

- » Consistent preset height, providing even application and reduced drift
- » ISO-UT compatibility for display flexibility
- » Easy to install, setup and use, reducing stress and boom damage
- » Capable of night and high-speed operation, boosting efficiency
- » Upgradeable from UC7 Boom Height Control system



Maximize Inputs



Empower Labor



Reduce Drift



Boost Yield



Chassis Sensor

Improves system performance.



Console

Easy-to-use and universal ISOBUS interface.



Ultrasonic Sensors

Measures distance to maintain the right height.



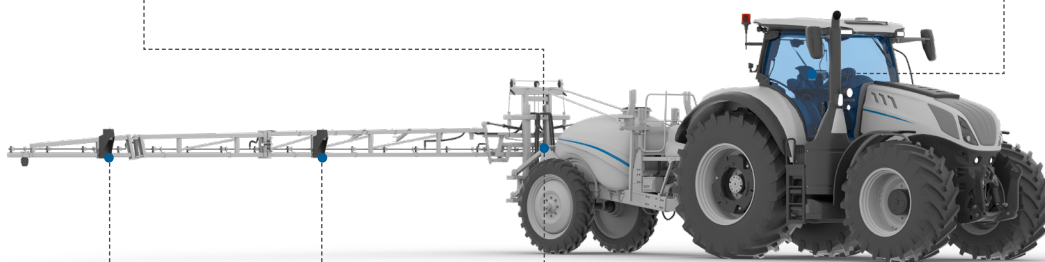
Controller

Reliable hardware for basic to advanced applications.



Hydraulic Valve

Ensures smooth boom wing control.



Proven boom height control in a flexible package

Compatible with most pull-type and self-propelled sprayers, we offer different levels of control based upon terrain conditions and boom size. Developed from field-proven NORAC technology, the package comprises an ISO-UT compatible console, implement controller,

ultrasonic sensors, chassis sensor, and may include a proportional valve. Our solution is easy-to-integrate and easy-to-use, immediately improving your spraying precision.



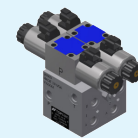
ISOBUS-UT Console
ID1 Family, X Family or
ISO-UT Compatible Console



**Proven Implement
Controller**
HCM-1



**MAX Sense
Ultrasonic Sensor**
MS-1



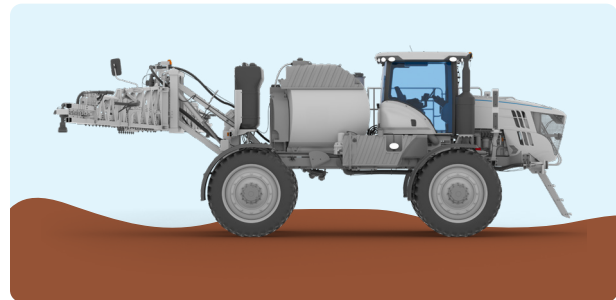
**Powerful
Proportional Valves**
Proportional Valve

Our innovative features and components improve accuracy and efficiency



Hybrid Mode™

Hybrid Mode™ combines the function provided by the two operating modes, Soil Mode and Crop Mode by tracking both the soil surface and crop canopy simultaneously. If the crop canopy is not continuous, Hybrid Mode™ will track the soil surface and determine a continuous "virtual" crop canopy. It is most useful when spraying in-crop and when there are difficult conditions such as washed-out areas, thin or lodged crop, or wheel tracks.



Dynamic Chassis Sensor

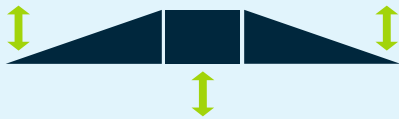
The DCS-1 sensor enhances the stability and response of the boom control system, improving performance in challenging conditions, generally exceeding 30%.

Advanced Ultrasonic Sensors

Our latest MS-1 sensors offer an improved MAX Sense™ ultrasonic technology for better performance in challenging terrain. Designed with quality in mind, they are manufactured with corrosion resistant GF nylon housing, a protective transducer screen and multi-axis vents, resulting in less maintenance and improved longevity.

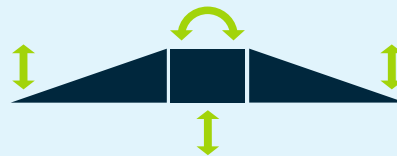


Find the right level of control to suit your operation



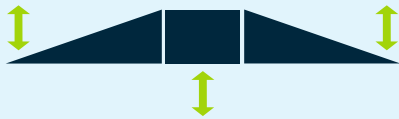
Standard Control™

Basic, low-cost height control solution for smaller booms (up to 30 m). Ideal for mild, flatter terrain.



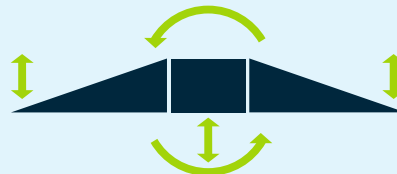
Active Roll™

Premier height control solution designed for all boom sizes. Developed for inconsistent, challenging terrain.



Passive Roll™

Advanced, most popular height control solution offered for nearly all sprayer models on the market. Fully capable in challenging terrain.



Active Wing Roll™

Premier height control solution, compatible with nearly every boom on the market. Developed for inconsistent, challenging terrain.

Specifications subject to change without notice.
© 2025 Topcon Corporation. All rights reserved. 7010-2275 C 01/25

Learn more at topconpositioning.com



For Work That Matters™