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| Application Automated Spraying and Cultivation Equipment | Products Used 953 VMAX |
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Problem

In agriculture, varying crop heights and row spacings reduce the effectiveness of automated planting, spraying, and cultivation equipment. Wheel/track width and sprayer height must be adjusted from field to field and crop to crop.



Solution

Hydraulic positioners equipped with Gemco Linear Displacement Transducers (LDTs), enable quick adjustments to track width and sprayer height to accommodate varying crop heights and row widths.

Benefits

- No manual adjustment is required.
- Operator can make adjustments on-the-go.
- Proper crop clearance and row width insures that crops are not damaged during the spraying/cultivating process.
- Cost savings as a result of less time being spent making adjustments, and proper crop clearance resulting in no crop damage.
- With a wide input power range of 7 to 30 VDC, the 953 VMAX can be easily powered without a change to the vehicle's electrical system.

Conclusion

The 953 VMAX LDT will greatly increase productivity by eliminating manual adjustments. The 953VMAX LDT will also significantly increase profits by eliminating crop damage through proper crop clearance and row width adjustments during the spraying process.



953 VMAX LDT

Please visit www.ametekapt.com for our complete product listing.



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