

FORESTRY VEHICLES

Advanced Sensing Technologies

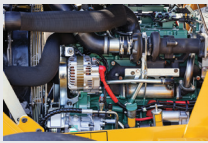


	Non-contact position sensing	Temperature sensing	Pushbutton switches	Rotary position	Pressure switches	Toggles and rockers	Speed sensors	Shifters and turn signals	Basic switches	Pressure sensors	Limit switches	Air quality monitors	Key switches	Magnetics	IMU
Chassis leveling	✓			✓										✓	✓
Cabin environment		✓							✓			✓		✓	
Panel controls			✓			✓		✓	✓				✓		
Engine management	✓	✓		✓	✓		✓			✓				✓	
Braking systems		✓			✓		✓		✓	✓				✓	
Harvesting and cutting	✓			✓			✓		✓	✓	✓			✓	
Hydraulics and pneumatics					✓					✓					
Boom/Stick Control	✓			✓					✓		✓			✓	✓

MACHINE OPERATION AND ENVIRONMENT

Application		Growth Factor	Primary Products	Secondary Products
Cabin and chassis leveling		Allow the cabin to be maintained at a level position for the operator, even on uneven terrain	Transportation IMU	- Packaged magnetics - Linear position sensors
Cabin environment		Provide a clean, safe operating environment with reliable control interface	- Magnetic ICs - Basic switches - Air quality sensors	Packaged magnetics
Operator controls		Reliable performance, even when exposed to vibration and shock with potential of wet or dusty environments	Pushbutton switches	Toggle switches

OPERATIONAL PERFORMANCE AND SAFETY

Application		Growth Factor	Primary Products	Secondary Products
Engine management		Implementation of means to monitor and control engine operation and performance	- Pressure switches - Pressure sensors - Speed sensors	AMR magnetic IC
Boom/Stick Position		Integrate the ability to monitor and control the reach, position and sweep stroke for articulated arms or booms	- Arc sensor - IMU	- Packaged magnetics - Limit switch

FUNCTIONAL PERFORMANCE

Application		Growth Factor	Primary Products	Secondary Products
Harvesting and cutting		Increased machine monitoring to maintain safe operation for greater levels of automation	Speed sensors	- Transportation IMU - Rotary position sensors - Limit switches

WARRANTY/REMEDY

Honeywell warrants goods of its manufacture as being free of defective materials and faulty workmanship during the applicable warranty period. Honeywell's standard product warranty applies unless agreed to otherwise by Honeywell in writing; please refer to your order acknowledgment or consult your local sales office for specific warranty details. If warranted goods are returned to Honeywell during the period of coverage, Honeywell will repair or replace, at its option, without charge those items that Honeywell, in its sole discretion, finds defective. **The foregoing is buyer's sole remedy and is in lieu of all other warranties, expressed or implied, including those of merchantability and fitness for a particular purpose.** In no event shall Honeywell be liable for consequential, special, or indirect damages. While Honeywell may provide application assistance personally, through our literature and the Honeywell web site, it is buyer's sole responsibility to determine the suitability of the product in the application. Specifications may change without notice. The information we supply is believed to be accurate and reliable as of this writing. However, Honeywell assumes no responsibility for its use.

FOR MORE INFORMATION

Honeywell Advanced Sensing Technologies services its customers through a worldwide network of sales offices and distributors. For application assistance, current specifications, pricing or the nearest Authorized Distributor, visit [our website](#) or call:

USA/Canada +1 302 613 4491
 Latin America +1 305 805 8188
 Europe +44 1344 238258
 Japan +81 (0) 3-6730-7152
 Singapore +65 6355 2828
 Greater China +86 4006396841

Honeywell Advanced Sensing Technologies

830 East Arapaho Road
 Richardson, TX 75081
sps.honeywell.com/ast

00XXXX-1-EN | 1 | 04/22
 © 2022 Honeywell International Inc.

Honeywell