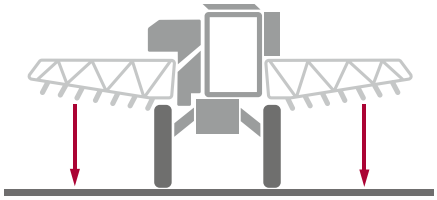
Baumer R600V Radar Sensor

Robust and reliable for agricultural and construction machines

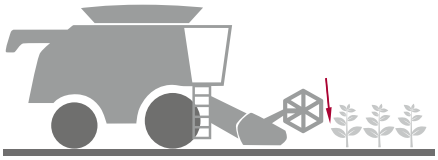


- "Ground & crop" radar sensors with superior crop penetration and ground detection
- Multi-object radar sensors for individual application solutions
- Robust against environmental influences such as wind, temperature or humidity
- Automotive-grade design and product qualification according to the highest industrial standards such EN ISO 14982, ISO 13766, EN13309, EN 61000-6-2, EN 61000-6-3, EN 305550
- CAN SAE J1939 interface

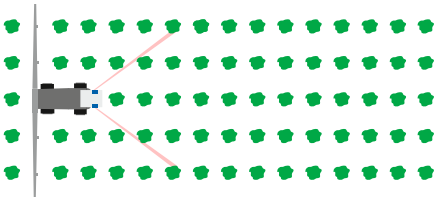
Application fields



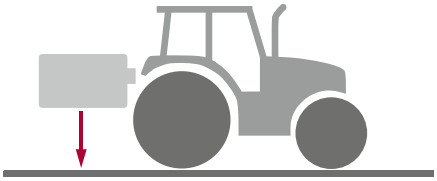
Agriculture: Boom height control for sprayers



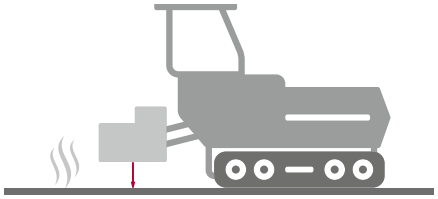
Agriculture: Height control of combine harvester attachment



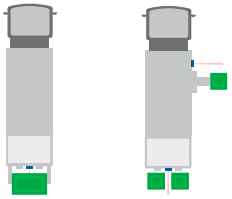
Agriculture: Row steering



Agriculture: Ground distance measurement for tillage



Construction: Ground distance measurement



Mobile machines: Position detection of containers while driving by

Product overview

	11188367	11209335	11205779	11221283
Version	Off-Highway radar for ground and crop distance	Off-Highway radar for ground and crop distance (sprayer applications)	Off-Highway radar sensor	Off-Highway multi-object radar sensor
Application focus	Header height control for combine harvesters, ground distance measurement for tillage applications	Sprayer boom height, ground distance measurement for construction equipment	Precise distance on defined targets (e.g. flat metal plate, corner cube)	Row guidance, multiple distances in measurement range (e.g. plastic bins)
Measuring range (m)	0.3 … 5 m	0.3 … 5 m	0.3 … 8.5 m	0.3 … 8.5 m

Baumer
Passion for Sensors

More information at:
www.baumer.com/R600V