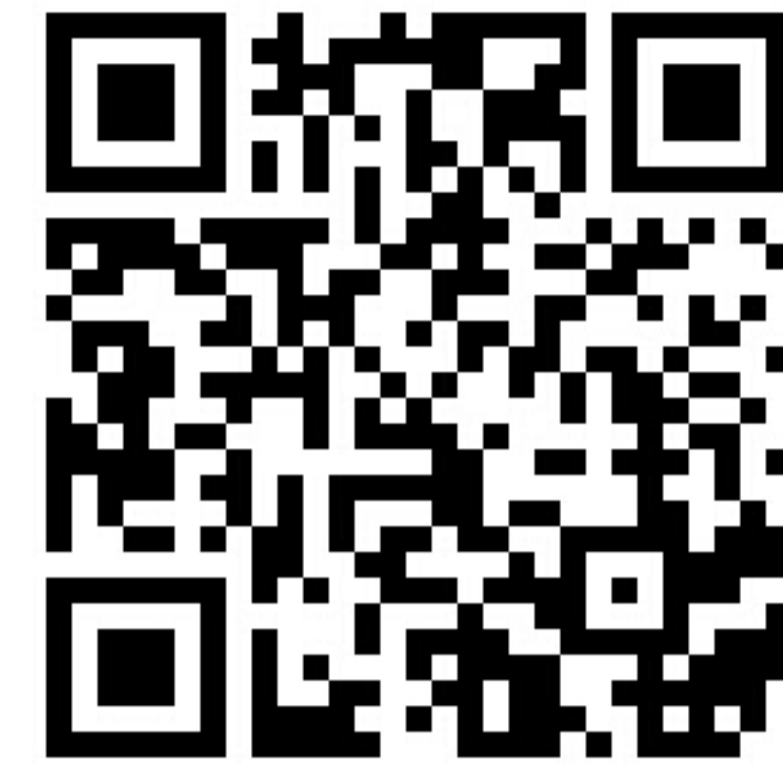


High-Precision High-Speed Driverless Field Vehicles



Fully autonomous complete seeding system



↑
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The Video

This commercial ready technology allows field vehicles to operate on non-smooth terrain at very high precision with lateral path deviation less than +/- 5 cm. The technology can be retrofitted to large scale mining vehicles such as haul trucks, defence vehicles such as tankers and civil engineering construction vehicles.

This technology enables a field vehicle to follow a specified path without a driver with very high accuracy while the vehicle is travelling at 15 km/hour. Such operations can drastically reduce the operator costs in the developed world and at the same time allows precision field work. While there are many autonomous machines in the world, this technology allows highly precise round the clock field operations. The operator cost reduction is one aspect, however, the major cost savings and benefit improvements come from high precision field operations.

Key Benefits

- Reduced operator costs
- Optimized vehicle operation
- High precision path following
- Round the clock operations
- Remote fleet management

Potential Applications

- Driverless mining trucks
- Autonomous lane markings on highways
- Autonomous concrete pouring for road construction
- Unmanned military vehicles