

# Prospr Spec Sheet

<b>Vehicle weight</b>	3,968lbs for bare vehicle, empty ~4325lbs for bare vehicle with water in front tyres and full tank of diesel	<b>Wheel dimension</b>	Front tire: 29in diameter Rear tire: 972mm/38in diameter
<b>Payload weight</b>	Empty sprayer payload is 1,323-1,984lbs depending on configuration 4,630-5,291lbs when tank is full	<b>Minimum row spacing</b>	6.07ft
<b>Generator/Engine</b>	Tier 4 Diesel Max power: 55 kW / 74 HP at 2,600rpm	<b>Ground clearance</b>	11in
<b>Drive System</b>	Independent electric 4WD - 50kW / 67HP peak output with regenerative braking  Torque: Rear wheels (each) 2,522lbf-ft Front wheels (each) 1,540Nm/1,136lbf-ft	<b>Speed</b>	Spraying at 2.5–5mi per hour (top speed is limited by spray coverage)  Top speed of 6.2mi per hour in transit
<b>Run time</b>	Approx. 24 hours, based on a single tank of fuel and dependent on operating conditions as well as payload selected	<b>Slopes</b>	Roll/lateral max slope up to 10°  Pitch/longitudinal max slope up to 20°
<b>Maneuverability</b>	Spot turning around center of rear axle  Minimum headland for turning into adjacent row: 7.1m/23ft	<b>Safety/sensing</b>	LiDAR coupled with cameras for intelligent obstacle detection and avoidance  Front bumper to limit speed and safely push through specific in-row obstacles such as long grass

