

**Engine:** QSB 6.7 litre Cummins 275hp electronic controlled tier III engine, turbo charged and air to air after cooled, 160 amp alternator, two Heavy duty batteries, 567 litre fuel tank and hydraulically driven cooling fan with aerodynamic blades and engine muffler. Covered by Cummins two year warranty.

**Transmission:** Diagonal Drive Torq-Trac hydrostatic drive system with twin Sauer Danfoss hydrostatic pump for constant 4 wheel drive.

**Final Drives:** Poclain MS 18 Dyna Plus heavy duty wheel motor drives with three speed shift on the go. Inbuilt 16 plate wet brake for use as both the parking and in service brake. 1st = 0-24km/h 2nd = 0-32km/h 3rd = 0-48km/h (tyre size dependant). Narrow leg profile of less than 458mm.

**Suspension:** 4 Wheel independent suspension with integrated Hydraulic levelling and Nitrogen Accumulator with auto load levelling for each wheel. Cross Active suspension removes body roll and aids boom performance. Suspension travel in excess of plus or minus 500mm on each wheel

**Hydraulics and Steering:** 193litre/min closed centre pressure compensated Sauer Danfoss pump with 2500 PSI operating pressure, all functions speed controllable. Hydrostatic power steering with two phasing steering cylinders - no tie rods to adjust - turning radius of 4.57m with 2 wheel steering. 4WS OPTIONAL

**Cab and Lighting Package:** Miller Premium Sprayview Series Ultra Quiet cab. Air ride cab suspension with levelling valve, pressurised with charcoal filtration, auto temp control with bluetooth XM radio. Grammer Evolution Series Suede Leather active suspension, heated and cooled seat, centerline mounted to boom. Leather steering wheel with 2 way tilt/telescopic adjustments, long windshield wiper with washer and front sun visor. Instructional seat with colour engine monitor. Dual rotating beacons as standard. Includes 8 HID lights as well as 8 halogen field lights.

**Product Tank:** Choice of 4540 litre, 5300 litre or 6100 litre Stainless steel tanks with deep sump, drain and 75mm quick fill fittings. 11 litre hand wash and 567 litre fresh water flush tank.

**Boom:** Front mounted with Nitrogen accumulator suspension. Independent left and right wing tilt, tips can be folded to spray narrower. 1" stainless lines, triple nozzle bodies at choice of 10", 15", 20" spacing and standard 1" inline filters. Available in 90, 100 and 120ft sizes. Optional Richway foam marker with engine driven air compressor and boom mounted foam mixing chambers. All boom and machine mounting hardware is 316 stainless steel. Optional Raven Autoboom height control.

**Product Circuit:** 9306C HM5C Hypro pump with silicon carbide seal capable of 793 litre/min. Optional self priming chamber. 2" inline pressure filter, variable in cab electric agitation, tank rinse and boom flush from the cab. Raven 380 L/min flowmeter and 5 joystick mounted section switches. 2" electric dump valve standard. Drop down front fill arm for both solution and flush tank.

**Paint:** Epoxy Primer and urethane top coat with media blast prepared surface.

**Dimensions:** 3.86m transport width. 4.01m overall height.

**Drive Train Warranty:** Limited 2 year / 2000 hour.

Options included in base unit:

- 3 way nozzle bodies
- Boom tilt accumulator assemblies - one for each side
- 1" inline boom filters 100 mesh
- Rear wheel nozzle assemblies
- All hydraulic function speed controllable
- Poly fenders for all 4 wheels - 480, 520 and 650 tyres come with extensions to suit
- Raven radar speed sensor for speed readout on engine monitor
- Charcoal filter for cab
- Remote engine control switches - located at front of machine on drop down fill assembly
- 3" quick fill
- Suspension cylinder shield kit
- Auxiliary light kit including HID and halogen lights

- Remote battery terminals - located on front fill arm
- Precision farming bracket in cab
- Dual rotating beacon light kit
- Electric rinse system. To switch from main tank to flush tank without leaving the cab
- Electric dump valve - 2" to dump excess flow back to tank when boom shut off
- 50mm sump drain kit

NOTE: MAXIMUM SWATHER SIZE 42ft