

<b>ENGINE</b>	
Brand	Cummins
Model	QSB
N° of cylinders	4
Displacement	4,5 liters
Rated power	170 HP@2500 RPM
Rated speed	624 N.m@1500 RPM
Injection system	Electronic
Intake system	Turbo intercooler
<b>TRANSMISSION</b>	
Type	Mechanical automatic
Brand	Allison
Model	Series 2500RDS
Differential	Eaton 2 gear (low-high)
Final reduction	Chain
Activation	Selector lever
<b>SPEED (mph)</b>	
1st (low-high)	9 - 13 mph (15 - 20 kph)
2nd (low-high)	17 - 23 mph (27 - 37 kph)
3rd (low-high)	22 - 31 mph (35 - 49 kph)
4th (low-high)	32 - 44 mph (51 - 71 kph)
5th (low-high)	N/C
R (low-high)	6 - 9 mph (10 - 14 kph)
<b>BRAKES</b>	
Service	4 wheel disc brakes
Activation	Hydraulic air assisted
Parking	Pneumatic
<b>AXLES AND SUSPENSION</b>	
Front suspension	Pneumatic w/ height regulation
Rear suspension	Pneumatic w/ height regulation
Wheels	380R38 (14,9x38)
Clearance	59" (1,50 m)
Steering	Hydraulic load sensing
<b>WHEEL TREAD</b>	
Type	Variable
Range	110"-126" (2,8- 3,2 m)
Drive	Electrohydraulically driven from cabin
<b>HYDRAULIC SYSTEM</b>	
Movements	Pump 10 gpm (38 l/min) at 2000 RPM
Hydraulic motors drive	Pump 13 gpm (52 l/min) at 2000 RPM
Commands	Electrovalves
Control console	Console ECO
Automatic system boom levelling	Norac (optional)
<b>ELECTRICAL SYSTEM</b>	
Battery	12 v / 160 Ah
Alternator	150 A
<b>SPRAYING PUMP</b>	
Brand	Hypro
Model	9303 S
Type	Centrifugal hydraulically driven
Material	Stainless steel
FILLING OF WATER	Hose 3". Opt. Hydraulically driven filling pump
<b>COMPUTER REGULATES SPRAYING + MAPPER</b>	
Brand	Raven
<b>SOLUTION TANK</b>	
Capacity	750 gal (2850 liters)
Material	Fiberglass reinforced plastic
Agitation	Hydroinjectors
Tank level	Rule viewer
<b>BOOM</b>	
Working width	90' (27,3 m)
Type	Rear
	Self-balancing with horizontal and vertical cushioning
<b>SPRAYING LINE</b>	
Material	Stainless steel
Dimension	3/4"
Sections	5 (electrical shut off)
Nozzle body	quintuple (3 nozzles/ 2 blind 02,03,04)
Distance between nozzles	15"
<b>SPRAYING CIRCUIT</b>	
Complete circuit/joints	Flanged
<b>Interior (Cabin)</b>	
Pressurization	Yes
Carbon activated filter	Yes
Air conditioning	Yes
Heating	Yes
Steering column	1 movement
Parasol	Hinged curtain
Seat	with suspension
Radio	AM/FM with CD player+MP3+USB
Coaster	Yes
Food box	Yes
Cabin suspension	Rubber supports
<b>Exterior</b>	
Rinse tank	52 gal (200 l)
Fuel tank	79 gal (300 l)
Floodlights	6 variable position VIC
Night work kit	Yes
Hydraulic jack	Yes
Filling of product	Mixing cone
Ladder drive	Electrohydraulic from cabin
Empty machine weight	16821 lb (7630Kg)