



MODEL	874	1074	1274
ENGINE	<p>Cat® 3126B 7.2L (439 cu. in.) full electronic control 250 SAE HP (186 kW) at 2500 RPM, Power bulge to 275 SAE HP (205 kW) at 2250 RPM Peak torque of 760 lb-ft (1030 n-m) @ 1500 RPM Wastegated turbocharger with exhaust brake Charge air-cooled Certified Tier II EPA off-road, Stage II emissions</p>	<p>Cat® 3126B 7.2L (439 cu. in.) turbo-charged, full electronic control 275 SAE HP (204 kW) at 2500 RPM, Power bulge to 299 SAE HP (223 kW) at 2200; Peak torque of 830 lb-ft (1125 n-m) @ 1500 RPM Wastegated turbocharger with exhaust brake Charge air-cooled Certified Tier II EPA off-road, Stage II emissions</p>	<p>Cat® C-9 8.8 L (538 cu. In.) turbo-charged, full electronic control 290 SAE HP (242 kW) at 2200RPM, Power bulge 325 (242kW) at 1900 RPM; Peak torque of 1065 lb-ft (1443 n-m) @ 1400 RPM Wastegated turbocharger with exhaust brake Charge air-cooled Certified Tier II EPA off-road Stage II emissions</p>
DRIVE	<p>Hydrostatic tandem Sauer/Danfoss 90 series pumps 6.1 cu. in.(9.9 cu. m) per revolution per pump Full-time four-wheel drive</p>	<p>Hydrostatic tandem Sauer/Danfoss 90 series pumps 6.1 cu. in.(9.9 cu. m) per revolution per pump Full-time four-wheel drive</p>	<p>Hydrostatic tandem Eaton series II pumps 5.4 cu. in.(8.8 cu. m) per revolution per pump Full-time four-wheel drive</p>
WHEEL MOTORS	<p>Sampo, radial piston direct drive Direct wheel mounted at all four wheels, low-speed and high-speed modes, which allows full-time four-wheel drive in four speed ranges.</p>	<p>Sampo, radial piston direct drive Direct wheel mounted at all four wheels, low-speed and high-speed modes, which allows full-time four-wheel drive in four speed ranges.</p>	<p>Sampo, radial piston direct drive Direct wheel mounted at all four wheels, low-speed and high-speed modes, which allows full-time four-wheel drive in four speed ranges.</p>
SUSPENSION	<p>Variable rate leaf spring with gas charged shocks and fore/aft torque rods</p>	<p>Variable rate leaf spring with gas charged shocks and fore/aft torque rods</p>	<p>Air spring with gas charged shocks and fore/aft torque rods. Rear suspension has an anti roll bar. Front and rear ride height leveling valves</p>
SPEED	<p>Maximum with standard 380/90R46 tires: High: 32 mph (52 kph) Med: 19 mph (30 kph) Low 2: 15 mph (22 kph) Low 1: 12 mph (18 kph)</p>	<p>Maximum with standard 380/90R46 tires: High: 32 mph (52 kph) Med: 19 mph (30 kph) Low 2: 15 mph (22 kph) Low 1: 12 mph (18 kph)</p>	<p>Maximum with standard 380/90R46 tires: High: 36 mph (58 kph) Med: 21 mph (33 kph) Low 2: 16 mph (26 kph) Low 1: 12.5 mph (20 kph)</p>
AXLES	<p>Solid tube frame with inner axles that adjust in and out Puck-style slide tube tension adjusters Wheel track infinitely adjusts from 120 inches (304.8 cm) to 152 inches (386 cm), decals in 4-inch (10.1-cm) increments</p>	<p>Solid tube frame with inner axles that adjust in and out Puck-style slide tube tension adjusters Wheel track infinitely adjusts from 120 inches (304.8 cm) to 152 inches (386 cm), decals in 4-inch (10.1-cm) increments</p>	<p>Solid tube frame with inner axles that adjust in and out Puck-style slide tube tension adjusters Wheel track infinitely adjusts from 120 inches (304.8 cm) to 152 inches (386 cm), decals in 4-inch (10.1-cm) increments</p>
BRAKES, SERVICE	<p>Hydrostatic dynamic braking, brakes on front wheel motors only Engine exhaust brake</p>	<p>Hydrostatic dynamic braking, brakes on front wheel motors only Engine exhaust brake</p>	<p>Hydrostatic dynamic braking, brakes on front wheel motors only Engine exhaust brake</p>
BRAKES, EMERGENCY AND PARKING	<p>Multiple wet disc (spring apply, hydraulic pressure release) located on front two hydrostatic wheel motor assemblies</p>	<p>Multiple wet disc (spring apply, hydraulic pressure release) located on front two hydrostatic wheel motor assemblies</p>	<p>Multiple wet disc (spring apply, hydraulic pressure release) located on front two hydrostatic wheel motor assemblies</p>
STEERING	<p>Front wheel hydrostatic rephasing, full power, flow amplified, operated by hydrostat driven hydraulic pump with priority flow Non-load (non-kickback) steering unit and and cylinders with self-aligning spherical ball bearings 23 ft (7.01 m) turning radius (14 ft (4.27 m) with optional GatorTrak™ steering)</p>	<p>Front wheel hydrostatic rephasing, full power, flow amplified, operated by hydrostat driven hydraulic pump with priority flow Non-load (non-kickback) steering unit and and cylinders with self-aligning spherical ball bearings 23 ft (7.01 m) turning radius (14 ft (4.27 m) with optional GatorTrak™ steering)</p>	<p>Front wheel hydrostatic rephasing, full power, flow amplified, operated by hydrostat driven hydraulic pump with priority flow Non-load (non-kickback) steering unit and and cylinders with self-aligning spherical ball bearings 27 ft (8.23 m) turning radius (13.5 ft (4.11 m) with optional GatorTrak™ steering)</p>
COOLING PACKAGE	<p>Integral side-by-side system All aluminum construction De-aerating plate fin design radiator, charge air cooler, oil cooler, and A/C condenser Ring fan</p>	<p>Integral side-by-side system All aluminum construction De-aerating plate fin design radiator, charge air cooler, oil cooler, and A/C condenser Ring fan</p>	<p>Integral side-by-side system All aluminum construction De-aerating plate fin design radiator, charge air cooler, oil cooler, and A/C condenser Ring fan</p>

MODEL	874	1074	1274
FRAME	Modified carbon steel, 3 x 9-inch (7.62 x 22.68 cm) "C" section Bolted design flex-frame	Modified carbon steel, 3 x 9-inch (7.62 x 22.68 cm) "C" section Bolted design flex-frame	Modified carbon steel, 3 x 9-inch (7.62 x 22.68 cm) "C" section Bolted design flex-frame
AIR CLEANER	Dry type, centrifugal precleaner, replaceable primary and secondary element, and automatic dust evacuator with restriction indicator	Dry type, centrifugal precleaner, replaceable primary and secondary element, and automatic dust evacuator with restriction indicator	Dry type, centrifugal precleaner, replaceable primary and secondary element, and automatic dust evacuator with restriction indicator
EXHAUST	Upright frame mounted with cab isolation Positioned at rear of cab so as not to interfere with side visibility	Upright frame mounted with cab isolation Positioned at rear of cab so as not to interfere with side visibility	Upright frame mounted with cab isolation Positioned at rear of cab so as not to interfere with side visibility
FUEL SYSTEM	130-gallon (492 L) total capacity with equalization tube between the two 65 gallon (246 L) tanks	130-gallon (492 L) total capacity with equalization tube between the two 65 gallon (246 L) tanks	130-gallon (492 L) total capacity with equalization tube between the two 65 gallon (246 L) tanks
ELECTRICAL SYSTEM	12 V DC, negative ground with 160-amp (optional 200 amp) alternator and two maintenance-free batteries 10 halogen work lights, combination turn indicators/four-way flashers, taillights, instrument panel lights Fuse panel with fault indicators for lighting, electronics, engine, and other electrical, plus extra power for added electrical use master battery shutoff; Radar speed sensor	12 V DC, negative ground with 160-amp (optional 200 amp) alternator and two maintenance-free batteries 10 halogen work lights, combination turn indicators/four-way flashers, taillights, instrument panel lights Fuse panel with fault indicators for lighting, electronics, engine, and other electrical, plus extra power for added electrical use master battery shutoff; Radar speed sensor	12 V DC, negative ground with 160-amp (optional 200 amp) alternator and two maintenance-free batteries 8 halogen work lights, combination turn indicators/four-way flashers, taillights, instrument panel lights Fuse panel for lighting, electronics, engine, and other electrical, plus extra power for added electrical use master battery shutoff Radar speed sensor
AIR SYSTEM	Engine mounted, direct driven 13.2-cfm (6.2 L/s) compressor, governed at 120 psi (8.3 BAR) to provide air for accessories Dual reservoirs and low pressure alarm Air dryer standard with GPM Plus and boom clean-out options	Engine mounted, direct driven 13.2-cfm (6.2 L/s) compressor, governed at 120 psi (8.3 BAR) to provide air for accessories Dual reservoirs and low pressure alarm Air dryer standard with GPM Plus and boom clean-out options	Engine mounted, direct driven 13.2-cfm (6.2 L/s) compressor, governed at 120 psi (8.3 BAR) to provide air for accessories Dual reservoirs and low pressure alarm Air dryer standard with GPM Plus and boom clean-out options
HYDRAULIC SYSTEM	60-gallon (227 L) poly reservoir Hydrostatic mount, direct driven, pressure compensated External oil cooler Can add additional auxiliary hydraulics if desired (contact Sales Engineering for specs)	60-gallon (227 L) poly reservoir Hydrostatic mount, direct driven, pressure compensated External oil cooler Can add additional auxiliary hydraulics if desired (contact Sales Engineering for specs)	60-gallon (227 L) poly reservoir Hydrostatic mount, direct driven, pressure compensated External oil cooler Can add additional auxiliary hydraulics if desired (contact Sales Engineering for specs)
CAB	Three-point rubber isolation mounted Centered seat and steering column Air-ride cab with comfort control Sound suppression insulation throughout Pressurized ventilation, including outside air filtration and charcoal internal filtration Large, panoramic windshield, safety glass door, and emergency exit right window	Three-point rubber isolation mounted Centered seat and steering column Air-ride cab with comfort control Sound suppression insulation throughout Pressurized ventilation, including outside air filtration and charcoal internal filtration Large, panoramic windshield, safety glass door, and emergency exit right window	Full visibility six post sprayer cab Three-point rubber isolation mounted Optional Air-Ride Cab Three level environmental filtration Pressurized ventilation Full view door with tempered side and rear glass
LADDER	Hydraulic retract when parking brake released; Hydraulic extend when parking brake applied	Hydraulic retract when parking brake released; Hydraulic extend when parking brake applied	Hydraulic retract when parking brake released; Hydraulic extend when parking brake applied
TIRES	14.9R46 R1 Titan Radial 164 A8/B 320/90R50 Titan R-1W Radial 161 A8/B 380/90R46 Titan Radial 168 A8/B 23.1R30 Titan Radial 163 A8 14.9R46 R-1S Radial 164 A8/B	380/90R46 Titan Radial 168 A8/B 320/90R50 Titan R-1W Radial 161 A8/B 23.1R30 Titan Radial 163 A8 14.9R46 Titan Radial R-1S 164 A8/B	380/90R46 Titan Radial 10 star 14.9R46 Titan Radial R-1S 8 star 24.5 R32 Titan R1 14 ply 480/80 R42 R1
CHASSIS DIMENSIONS	Wheel base: 176 inches (4.47 m) Track width: 120 inches to 152 inches (3.05 m to 3.91 m) Overall chassis length: 269.29 inches (6.84 m) Height to top of cab: 144.25 inches (3.664 m)	Wheel base: 176 inches (4.47 m) Track width: 120 inches to 152 inches (3.05 m to 3.91 m) Overall chassis length: 269.29 inches (6.84 m) Height to top of cab: 144.25 inches (3.664 m)	Wheel base 184 inches (4.67 m) Track width: 120 inches to 152 inches (3.05 m to 3.91 m) Overall chassis length: 290 inches (7.37 m) Height to top of cab 151 inches (3.84 m)

RoGator Applicators

MODEL	874	1074	1274
CHASSIS WEIGHT	Approx. 23,450 lbs. (10,637 kg) empty weight	Approx. 23,950 lbs. (10,864 kg) empty weight	Approx. 27,640 lbs. (12,537 kg) empty weight
TANK CAPACITIES	Product - 800 gallon (3,028 L) rated stainless steel Rinse - 110 gallon (416 L) rated poly Foamer - 36.5 gallon (138 L) rated stainless steel	Product - 1000 gallon (3,785 L) rated stainless steel Rinse - 110 gallon (416 L) rated poly Foamer - 36.5 gallon (138 L) rated stainless steel	Product - 1200 gallon (4,542 L) rated stainless steel Rinse - 110 gallon (416 L) rated poly Foamer - 36.5 gallon (138 L) rated stainless steel
BOOM WIDTH	60/80 ft (18/24 m) with 13 ft (3.9 m) tip and full breakaway 90 ft (27 m) with 15 ft (4.6 m) tip and full breakaway 100 ft (30.5 m) with 20 ft (6.1 m) tip and full breakaway	60/80 ft (18/24 m) with 13 ft (3.9 m) tip and full breakaway 90 ft (27 m) with 15 ft (4.6 m) tip and full breakaway 100 ft (30.5 m) with 20 ft (6.1 m) tip and full breakaway	60/80 ft (18/24 m) with 13 ft (3.9 m) tip and full breakaway 90 ft (27 m) with 15 ft (4.6 m) tip and full breakaway 100 ft (30.5 m) with 20 ft (6.1 m) tip and full breakaway
BOOM PLUMBING	5 section with 1" (2.5 cm) electric ball valve section control, .75" (2 cm) stainless steel or 1" poly wet boom plumbing, 10" (25 cm) on-center, 15" (38 cm) on-center, or 20" (50 cm) off-center nozzle spacing GPM Plus option uses air bladder style shut-offs at each nozzle	5 section with 1" (2.5 cm) electric ball valve section control, .75" (2 cm) stainless steel or 1" poly wet boom plumbing, 10" (25 cm) on-center, 15" (38 cm) on-center, or 20" (50 cm) off-center nozzle spacing GPM Plus option uses air bladder style shut-offs at each nozzle	5 section with 1" (2.5 cm) electric ball valve section control, .75" (2 cm) stainless steel or 1" poly wet boom plumbing, 10" (25 cm) on-center, 15" (38 cm) on-center, or 20" (50 cm) off-center nozzle spacing GPM Plus option uses air bladder style shut-offs at each nozzle
BOOM HEIGHT	31 inches to 83 inches (78 cm to 211 cm)	31 inches to 83 inches (78 cm to 211 cm)	31 inches to 83 inches (78 cm to 211 cm)
BOOM LOCATION	Rear mount Center pivot Self-leveling	Rear mount Center pivot Self-leveling	Rear mount Center pivot Self-leveling
PRODUCT PUMP	Through standard 80x5x20; 90x5x10, 20; 100x5x10, 20 boom plumbing: Hypro® 9306 centrifugal 138 GPM @ 67 PSI (522.4 L/min @ 4.62 BAR) (47 PSI (3.24 BAR) @ Rear Manifold) with no nozzles and 2.00-inch (5.08 cm) Raven flowmeter with electronic/hydraulic control from 10-138 GPM (37.9-522.4 L/min) Through high volume 80x5x30 boom plumbing: Hypro® 9306 centrifugal 192 GPM @ 59 PSI (726.8 L/min @ 4.1 BAR) (20 PSI (1.38 BAR) @ Rear Manifold) with no nozzles and 3.00-inch (7.62 cm) Raven flowmeter with electronic/hydraulic control from 20-192 GPM (75.7-726.8 L/min)	Through standard 80x5x20; 90x5x10, 20; 100x5x10, 20 boom plumbing: Hypro® 9306 centrifugal 138 GPM @ 67 PSI (522.4 L/min @ 4.62 BAR) (47 PSI (3.24 BAR) @ Rear Manifold) with no nozzles and 2.00-inch (5.08 cm) Raven flowmeter with electronic/hydraulic control from 10-138 GPM (37.9-522.4 L/min) Through high volume 80x5x30 boom plumbing: Hypro® 9306 centrifugal 192 GPM @ 59 PSI (726.8 L/min @ 4.1 BAR) (20 PSI (1.38 BAR) @ Rear Manifold) with no nozzles and 3.00-inch (7.62 cm) Raven flowmeter with electronic/hydraulic control from 20-192 GPM (75.7-726.8 L/min)	Through standard 80x5x20; 90x5x10, 20; 100x5x10, 20 boom plumbing: Hypro® 9306 centrifugal 138 GPM @ 67 PSI (522.4 L/min @ 4.62 BAR) (47 PSI (3.24 BAR) @ Rear Manifold) with no nozzles and 2.00-inch (5.08 cm) Raven flowmeter with electronic/hydraulic control from 10-138 GPM (37.9-522.4 L/min) Through high volume 80x5x30 boom plumbing: Hypro® 9306 centrifugal 192 GPM @ 59 PSI (726.8 L/min @ 4.1 BAR) (20 PSI (1.38 BAR) @ Rear Manifold) with no nozzles and 3.00-inch (7.62 cm) Raven flowmeter with electronic/hydraulic control from 20-192 GPM (75.7-726.8 L/min)
AGITATION	Electric ball valve with LED position indicator in cab Bottom sweeping full-length sparge tube, 1.5" (3.8 cm) diameter	Electric ball valve with LED position indicator in cab Bottom sweeping full-length sparge tube, 1.5" (3.8 cm) diameter	Electric ball valve with LED position indicator in cab Bottom sweeping full-length sparge tube, 1.5" (3.8 cm) diameter
TANK RINSE	110-gallon poly (416L), product tank top mount with full length rinse bar, 1" (2.5 cm)	110-gallon poly (416L), product tank top mount with full length rinse bar, 1" (2.5 cm)	110-gallon poly (416L), product tank top mount with full length rinse bar, 1" (2.5 cm)
CONTROLLERS AVAILABLE	Falcon II Raven 661 Raven 4000 Raven Viper	Falcon II Raven 661 Raven 4000 Raven Viper	Falcon II Raven 661 Raven 4000 Raven Viper

AGCO Jackson Operations
202 Industrial Park
Jackson, MN 56143

Some features listed or shown may be optional. AGCO is not responsible for any differences between printed specifications and the actual equipment. Specifications subject to change without notice. AC05016 (02) 5 BA

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