

RAILAVATOR

	ENGINE	POWERTRAIN	HYDRAULICS	SWING MECHANISM AND SERVICEABILITY	OPERATING DIMENSIONS	MACHINE DIMENSIONS
50G	Yanmar / 4 TNV 88, certified to Final Tier 4, 35.9 hp, 134 cu. in turbo-charged Diesel engine	Two Speed Propel with automatic shift—Travel speed on Crawler Tracks (maximum) Low— 1.6 mph High— 2.6 mph Travel Speed on High Rail (max) — 2.6 mph	Open center, load sensing, auxiliary hydraulic flow adjustable through monitor Main Pumps—2 variable-displacement axial piston pumps, 2 x 31.7 gpm	Swing Speed and Torque— 9 rpm, 10,847 lb. Refill Capacities—Fuel Tank— 18.5 gal Refill Capacities—Hydraulic System— 14.8 gal	Break out Force—Arm Digging— 5,401 lb Break out Force—Bucket Digging— 8,267 lb Lifting Capacity Over Front at Ground Level— 5,531 lb. Maximum Reach—Ground Level— 18 ft 6 in Maximum Digging— 11 ft 7 in Maximum Cutting Height— 18 ft 10 in Maximum Dumping Height— 13 ft 4 in Minimum Swing Radius— 7 ft 3 in Tail Swing Radius— 3 ft 3 in	Overall Length— 17 ft 11 in Overall Height— 8 ft 4 in Cab Height— 8 ft 4 in Overall Width with High Rail Conversion— 6 ft 7 in Upperstructure Width— 6 ft 1 in Ground Clearance— 13 in
85G	Yanmar / 4 TNV 98, certified to Final Tier 4, 56.9 hp, 202 cu. in turbo-charged Diesel engine	Two Speed Propel with automatic shift—Travel speed on Crawler Tracks (maximum) Low— 1.9 mph High— 3.1 mph Travel Speed on High Rail (max) — 14 mph	Open center, load sensing, auxiliary hydraulic flow adjustable through monitor Main Pumps—2 variable-displacement axial piston pumps, 2 x 38 gpm Operating Pressure— 4.6 psi Controls—Pilot levers, short stroke, low effort hydraulic pilot controls with shutoff lever	Swing Speed and Torque— 10.5 rpm, 12,244 lb. Refill Capacities—Fuel Tank— 31.7 gal Refill Capacities—Hydraulic System— 15 gal	Break out Force—Arm Digging— 6,902 lb Break out Force—Bucket Digging— 10,467 lb Lifting Capacity Over Front at Ground Level— 5,367 lb. Maximum Reach—Ground Level— 24 ft 9 in Maximum Digging— 14 ft 10 in Maximum Dumping Height— 16 ft 8 in Minimum Swing Radius— 9 ft 6 in Tail Swing Radius— 4 ft 11 in	Overall Length— 22 ft 5 in Overall Height— 8 ft 4 in Cab Height— 8 ft 4 in Overall Width with High Rail Conversion— 8 ft 1 in Ground Clearance— 14 in Counterweight Clearance— 2 ft 4 in
135G	Isuzu 4JJ1, certified to EPA IT4/EU Stage IIIB, 97 hp, 4 cylinder, 182 cu. in. turbocharged Diesel engine	Two Speed Propel with automatic shift—Travel speed on Crawler Tracks (maximum) Low— 2.1 mph High— 3.4 mph Travel Speed on High Rail (max) — 18 mph	Open center, load sensing, auxiliary hydraulic flow adjustable through monitor Main Pumps—2 variable-displacement axial piston pumps, 2 x 28 gpm Operating Pressure— 4.685 psi Controls—Pilot levers, short stroke, low effort hydraulic pilot controls with shutoff lever	Swing Speed and Torque— 13.3 rpm, 25,000 lb. Refill Capacities—Fuel Tank— 58 gal Refill Capacities—Hydraulic System— 33 gal	Break out Force—Arm Digging— 13,521 lb Break out Force—Bucket Digging— 21,480 lb Lifting Capacity Over Front at Ground Level— 5,900 lb. Maximum Reach—Ground Level— 28 ft 7 in Maximum Digging— 19 ft 7 in Maximum Cutting Height— 31 ft 9 in Maximum Dumping Height— 23 ft 8 in Minimum Swing Radius— 4 ft 11 in Tail Swing Radius— 4 ft 11 in	Overall Length— 24 ft 3 in Overall Height— 9 ft 3 in Cab Height— 9 ft 2 in Overall Width with High Rail Conversion— 10 ft 2 in Upperstructure Width— 8 ft 2 in Ground Clearance— 16 in Counterweight Clearance— 2 ft 9 in

	ENGINE	POWERTRAIN	HYDRAULICS	SWING MECHANICS AND SERVICEABILITY	OPERATING DIMENSIONS	MACHINE DIMENSIONS
245G	Isuzu 4 HKIX, certified to EPA IT4/EU Stage IIIB, 159 hp, 4 cylinder, 317 cu. in. turbocharged Diesel engine	Two Speed Propel with automatic shift— Travel speed on Crawler Tracks (maximum) Low— 2.1 mph High— 3.4 mph Travel Speed on High Rail (max) — 17 mph	Open center, load sensing, auxiliary hydraulic flow adjustable through monitor Main Pumps—2 variable-displacement axial piston pumps, 2 x 162 gpm Operating Pressure— 4.980 psi Controls—Pilot levers, short stroke, low effort hydraulic pilot controls with shutoff lever	Swing Speed and Torque— 11.8 rpm, 50,000 lb. Refill Capacities—Fuel Tank— 100 gal Refill Capacities—Hydraulic System— 34.3 gal	Break out Force—Arm Digging— 25,629 lb Break out Force—Bucket Digging— 35,522 lb Lifting Capacity Over Front at Ground Level— 10,922 lb. Maximum Reach—Ground Level— 32 ft 6 in Maximum Digging— 21 ft 9 in Maximum Cutting Height— 36 ft 10 in Maximum Dumping Height— 29 ft 3 in Minimum Swing Radius— 7 ft 10 in Tail Swing Radius— 5 ft 6 in	Overall Length— 29 ft 11 in Overall Height— 9 ft 10 in Cab Height— 9 ft 10 in Overall Width with High Rail Conversion— 10 ft 6 in Upperstructure Width— 9 ft 9 in Ground Clearance— 17.72 in Counterweight Clearance— 3 ft 3 in
250G	John Deere PowerTech PVS 6.8 L, certified to EPA Final Tier 4/ EU Stage IV, 188 hp, 6 cylinder, 415 cu. in. turbocharged engine	Two Speed Propel with automatic shift— Travel speed on Crawler Tracks (maximum) Low— 3.3 mph High— 5.5 mph Travel Speed on High Rail (max) — 17 mph	Open center, load sensing, auxiliary hydraulic flow adjustable through monitor Main Pumps—2 variable-displacement axial piston pumps, 2 x 59.2 gpm Operating Pressure— 4.980 psi Controls—Pilot levers, short stroke, low effort hydraulic pilot controls with shutoff lever	Swing Speed and Torque— 13.5 rpm, 57,150 lb. Refill Capacities—Fuel Tank— 132 gal Refill Capacities—Hydraulic System— 63 gal	Break out Force—Arm Digging— 25,629 lb Break out Force—Bucket Digging— 35,522 lb Lifting Capacity Over Front at Ground Level— 10,922 lb. Maximum Reach—Ground Level— 32 ft 6 in Maximum Digging— 21 ft 9 in Maximum Cutting Height— 34 ft 8 in Maximum Dumping Height— 29 ft 3 in Minimum Swing Radius— 11 ft 3 in Tail Swing Radius— 5 ft 6 in	Overall Length— 29 ft 11 in Overall Height— 9 ft 10 in Cab Height— 9 ft 11 in Overall Width with High Rail Conversion— 10 ft 6 in Upperstructure Width— 9 ft 9 in Ground Clearance— 17.72 in Counterweight Clearance— 3 ft 7 in
350G	Isuzu 4 HKIX, certified to EPA IT4/EU Stage IIIB, 159 hp, 4 cylinder, 317 cu. in. turbocharged Diesel engine	Two Speed Propel with automatic shift— Travel speed on Crawler Tracks (maximum) Low— 2.1 mph High— 3.4 mph Travel Speed on High Rail (max) — 17 mph	Open center, load sensing, auxiliary hydraulic flow adjustable through monitor Main Pumps—2 variable-displacement axial piston pumps, 2 x 162 gpm Operating Pressure— 4.980 psi Controls—Pilot levers, short stroke, low effort hydraulic pilot controls with shutoff lever	Swing Speed and Torque— 11.8 rpm, 50,000 lb. Refill Capacities—Fuel Tank— 100 gal Refill Capacities—Hydraulic System— 34.3 gal	Break out Force—Arm Digging— 25,629 lb Break out Force—Bucket Digging— 35,522 lb Lifting Capacity Over Front at Ground Level— 10,922 lb. Maximum Reach—Ground Level— 32 ft 6 in Maximum Digging— 21 ft 9 in Maximum Cutting Height— 35 ft 3 in Maximum Dumping Height— 29 ft 3 in Minimum Swing Radius— 14 ft 8 in Tail Swing Radius— 5 ft 6 in	Overall Length— 29 ft 11 in Overall Height— 9 ft 10 in Cab Height— 10 ft 4 in Overall Width with High Rail Conversion— 10 ft 6 in Upperstructure Width— 9 ft 10 in Ground Clearance— 20 in Counterweight Clearance— 3 ft 10 in

PURCHASE — RENT — LEASE — PARTS — SERVICE