RCE’s top-selling product family! RCE’s Railavator line-up provides an innovative approach to railroad maintenance tasks. Whether it’s pulling rail, cutting brush, craning items, under cutting, or just digging and trenching—the Railavator will arm you for top productivity. Blending versatility with it’s patented hydraulic powered retractable high rail, you can take it anywhere you need it—hopping on and off the tracks in under 30 seconds. All the power, smoothness, ease of operation and comfort you’d expect from John Deere excavators in a compact, easy-to-maneuver package. Available in six different models. Customizable and emissions compliant. Combined with the proven reliability and latest technology from John Deere, the Railavator provides higher productivity, lower daily operating costs and the worldwide support of the John Deere dealer network.


KEY FEATURES: G-SERIES EXCAVATORS

- Tier 4-emission certified engine—fuel efficient, fully integrated and fully supported
- Powerwise III perfectly balances engine performance and hydraulic flow. Three productivity modes—high, power and economy. When the going gets tough, simply press the power-boost button
- Wide expanse of front and side glass for all-around visibility. Spacious, noticeably quiet cab
- Large, easy-to-open service doors and easy access service points
- A John Deere exclusive, three welded bulkheads within the boom resist torsional stress for unsurpassed durability
RETRACTABLE TRACK FRAMES

New Feature! The 75G, 85G and 135G have an adjustable lower track frame. When retracted, the machine is under the legal size for transit without a required permit. In work mode, the hydraulically operated frame expands to straddle the track for extra stability.

BRUSHCUTTER

The must-have tool for right-of-way clearing and site preparation! RCE’s Brush Cutter is ready to chop, even in the roughest terrain. Maximizing power and convenience, the prime unit of a Railavator is combined with a heavy duty, front mounted shredder cutting head off the excavator arm.

Offering multiple options, RCE’s Brush Cutters can be customized by excavator model (high rail and conventional) and size of tree grinding and brush clearing heads. The available mowing heads make a clear cut without the hazards of flying debris.

BRIDGE EXCAVATOR

Meet the new 50G Bridge Excavator! This modified compact excavator was designed specifically for bridge work, featuring ramp clamps to hydraulically clamp to the rail for increased stability and safety. The excavator arm (instead of tie boom) provides extra maneuverability. An optional tie head that clamps and slides is also available.
The laying of railway track, either in the initial construction of a railway line or when replacing existing rails, is difficult, time consuming and labor intensive. The RCE’s rail threader supports and guides the rails on a rail bed, securely and accurately positioning the rail for work.

The rail threader is available on the 245G and 250G Railavators.

RCE can now supply the 75G, 85G, 135G, 245G, 250G and 350G excavators with under cutter bars ranging from 9 feet to 15 feet in size. By increasing these options, RCE customers can perform under cutting with all the RCE models of hi-rail or standard excavators. The larger machines will have more hydraulic power to perform more efficiently in hard conditions, and the longer bar will be beneficial for switch under cutting. The under cutters feature carbide cutter tips for durability and an optional hydraulic integrated 360 degree rotation system.

RCE can provide an excavator mounted vibratory driver. This attachment can be easily mounted to an excavator utilizing the existing hydraulic circuitry. Combining high frequency vibration and excavator crowd / retraction forces, the vibratory driver delivers impressive driving and extracting capabilities.

Spot maintenance where fouled ballast needs to be removed and new ballast tamped into position. RCE’s tamper heads—manufactured in-house—feature 360 degree rotation systems and are available in two or four motor configurations.