



Friction Drive Hi- Rail Gear for...Jarraff Tree Trimmer



Discover the cutting-edge innovation of Mitchell Rail Gear Friction Drive Hi-Rail system, designed specifically for Jarraff Tree Trimmers. This remarkable technology transforms these machines into versatile dual-purpose machines capable of seamlessly transitioning between conventional Jarraff on-ground tree trimming to efficient on-rail tree trimming.

At the heart of this system lies our retractable Friction Drive Hi-Rail Gear, meticulously integrated into the Jarraff's frame. This ingenious design preserves the Jarraff's primary on rubber tire tree trimming functionality while equipping it to operate effectively as a railroad tree trimmer. Our engineers have meticulously tailored the system to ensure a perfect fit for Jarraff Tree Trimmers, delivering outstanding performance both on the ground and on the railroad track. The machine can get on/off anywhere without the need of a railroad crossing.

The rail wheels have a friction drive hub that engages with the tires, harnessing tire rotation to propel the machine along the rails at 20 mph. This robust mechanical friction drive system is renowned for its reliability, utilizing the existing road axle drive line and braking system for propulsion and braking on the rails. While on the railroad track, the hydraulic locking ensures precise alignment between the tires and the friction drive hubs, guaranteeing traction and safe travel. Additionally, our system includes a hydraulic articulation lock systems that lets the operator know when the front and rear real wheels are in alignment and locks the machine straight for rail travel.

The system is provided with FRA railroad lighting and optional insulated rail wheels.

www.Mitchell-RailGear.com

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