

F-Clipper



The F-Clipper is a versatile, dual-function rail maintenance machine designed for efficient application and retraction of Pandrol® Fast Clips. A single operator can simultaneously apply 2 or 4 clips on one rail, while interchangeable workheads and rugged on-track mobility streamline clip-fastening operations.



Key Features:

- The interchangeable workhead allows you to swap the Fast Clip® workhead for a Safelok® workhead, providing added cost-effective production capabilities
- Simple adjustments align the workhead to accommodate rail heights and clip extraction distance
- Workhead design allows the workhead to apply and remove clips with a simple tooling change, a great labor saver for de-stressing operations
- Two joystick controls to control each side of the workhead independently

Specs:

- Seating Capacity: 3 (one operator, two passengers)
- Travel Speed: 24 mph (~39 km/h); chain-driven propulsion system
- Fuel Tank Fill Capacity: 49 gallons (~185.5 litres) with 2" diameter fill neck, bottom sump, and mechanical fluid level gauge
- Hydraulic Reservoir Fill Capacity: 51 gallons (~193 litres) with clean-out covers, guarded fluid level, and temperature gauge
- 24V DC system with circuit breakers for lights and accessories
- Cast steel wheels for long wear, self-aligning roller bearings, and axle locks for safe operation
- Structural steel frame with derail skids, keyhole tie downs, and rubber bumpers

Safety:

- Clips are clamped while being extracted to avoid flying clips, reducing injury
- Enclosed cab with HVAC system, in-cab pressurizer for a safer work environment, and acoustical protection
- Dual side egress optimizes safe operator exit in congested areas
- Safety is enhanced using electric-powered controls that reduce operator fatigue
- Workhead barriers cover exposed areas



1955 Norwood Court, Mt. Pleasant, WI 53403

262.637.9681 | custserv@racinerailroad.com

www.racinerailroad.com

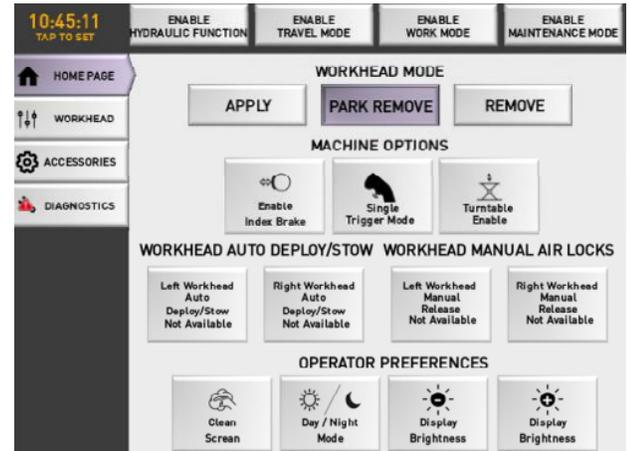
Always wear proper PPE when operating

F-Clipper

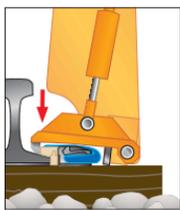


Technology:

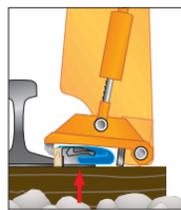
- Easy touchscreen controls with workhead adjustments from the operator seat, saving time and offering a safer way to make machine adjustments
- Onboard electrical system diagnostics to simplify troubleshooting and lessen downtime
- Remote program updates and remote troubleshooting with built-in telematics (within cell range)
- Smart hydraulic valves with self-diagnostics and maintenance screens increase flexibility, reliability, and reduce parts inventory by using the same control valve for every function



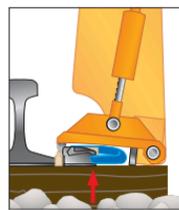
Operator touchscreen control panel for machine operation and maintenance



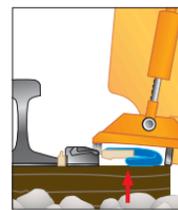
Workhead is optically indexed over clip assemblies. Workhead is lowered, retract tool swings down engaging clip nose.



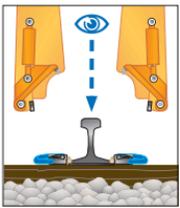
Position 1 – retracted for rail change out or rail de-stressing.



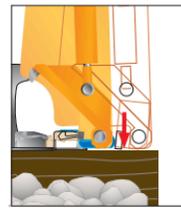
Position 2 – retracted for rail insulator replacement.



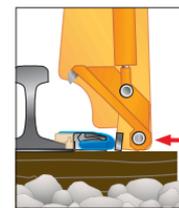
Position 3 – fully retracted for clip or toe insulator replacement.



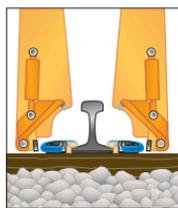
Workhead is optically indexed over both clip assemblies.



Work arms are lowered into position.



Steady pressure is applied to clips eliminating the need for stressing hammer blows.



Work arms are opened and the machine is moved to next tie.

Dimensions:

Length: 28' 5" (~8.66 m)

Width: 8' 5" (~2.57 m)

Height: 10' 4" (~3.15 m)

Weight: 22,000 lb (~9,980 kg)

*Dimensions vary based on user options



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