

Product Improvement

Tie Finder Technology

Part # 2014810 - Model 6700 Tie Finder

Part # 4018071 - Mark IV (with Clark Transmission) Tie Finder

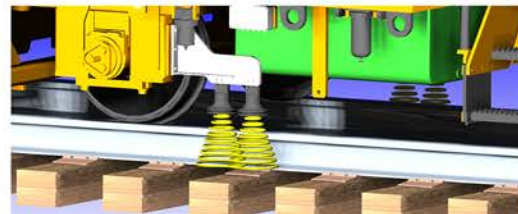
Part # 5008147 - Mark IV (with Durst Axle) Tie Finder

Intelligent accurate tie detection allows for precise indexing with automated control of work equipment



Benefits

- Accurate and consistent tie detection
- Intelligent and automated control of work equipment
- Display of tie-finding and tamping results to the operator screen
- Reduced operator fatigue
- Better able to observe the worksite (SAFETY) and focus on surfacing results (QUALITY)



SUMMARY

The Tie Finder Technology equips surfacing machines with intelligent automatic indexing, thereby increasing productivity while reducing operator fatigue. The combination of probes designed to detect the location of either wood or concrete ties with a machine's previously existing automatic cycle allows for fully automatic work.

Tie Finding can be added as a factory option or as a field kit to any Harsco Rail tamper featuring the Jupiter Control System.

Improve production rate and maximize track work window

- Maximizes performance by allowing workheads to launch as traction stops
- Workhead tools "pre-squeeze" for tight tie spacing
- System doesn't suffer from stamina loss and distractions
- System can "see" through flooded ballast, inclement weather (poor track visibility)

Automation of complicated control tasks

- Sharing of ties found and ties tamped between equipment (Production & Drone Tamper)
- Skip-tie tamping patterns
- Tamping of uneven tie spacing

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