



## MODERN TRACK MACHINERY

Over 80 years of experience and innovation

# PTC-2

### PTC-2 PORTABLE TIE CHANGER FOR STANDARD CROSS AND SWITCH TIES



- Adjustable work-head tilts approximately 40° vertically
- Travel drive system
- Lifting bale and turntable
- Off-tracking assembly
- Dual rail lift cylinders
- Controls by manually activated hydraulic valves with operator standing next to machine.
- Fitted with four wheels permitting roll from tie to tie.
- Adjustable rail clamps, tilting tie clamp work-head and horizontal extraction boom permit ties to be tilted during insertion or extraction to clear adjacent track.
- Side set-off wheels provided. When used with raise/lower system, permits PTC-2 to be off-tracked by operator.
- Turntable permits rotation to work either side of track enabling optimum machine access to switch ties.
- 2 wheel self-propelled walking speed for movement of PTC-2 from tie to tie.
- 2 Plate cut tie guides
- 3' hydraulic hose kit with quick couplers at each end to connect to optional power pack
- Compact and easy to transport.

[www.geismar.com](http://www.geismar.com)

We reserve the right to modify any equipment specification of the present offer to take into account the latest technical improvements and working conditions at the date of manufacturing. Illustrations may include optional equipment.



Customer Service: 1-800-563-1772 / [sales@mtmgeismar.com](mailto:sales@mtmgeismar.com)



Customer Service: 847-697-7510 / [info@geismar-mtm.com](mailto:info@geismar-mtm.com)





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PTC-2 c/w DC-5/10 Power Pack can also power other hydraulic tools.



### PTC-2 SPECIFICATIONS :

Minimum Power Required : 10 G.P.M. @ 2000 PSI  
(38 IPM @ 140 bar)

Boom Cycle Time : 20 seconds

Length : 55" (140 cm)

Height : 60" (153 cm)

Width : 106" (270 cm)

Weight c/w DC-5/10 : 2,400 lbs(1088 kg)

Extraction Boom Stroke : 48" (122 cm)

Extraction Force : 19,250 lbf (8560 daN)

Insertion Force : 12,600 lbf (5600 daN)

Tie Clamp Gripping Force : 20,000 lbf (8900 daN)

Rail Clamp Gripping Force : 11,000 lbf (4895 daN)

### Tilting Tie Clamp Head Specifications

Torque Up : 9000 ft. lb. (1221 daN)

Torque Down : 5900 ft. lb. (800 daN)

Rotation (vertical) : 40° approx

### Track Gauge & Wheel Specifications

Track Gauge : Standard 56½" (1435 cm)

Optional Track Gauge : Upon request

Wheel Base : 33" ( 84 cm )

Raise / Lower Vertical Travel : 14" ( 35 cm )

### Travel Drive Specifications

Speed : 3 mph ( 4.8 Km/h )

Motors : 2

Final Drive : Chain

#### OPTIONAL:

Hydraulic power pack DC-5/10 (gas or diesel) to power the tie changer. When disconnected can be used with hydraulic accessory tools.

Concrete tie jaw set - suitable for most concrete ties (monobloc sleepers)

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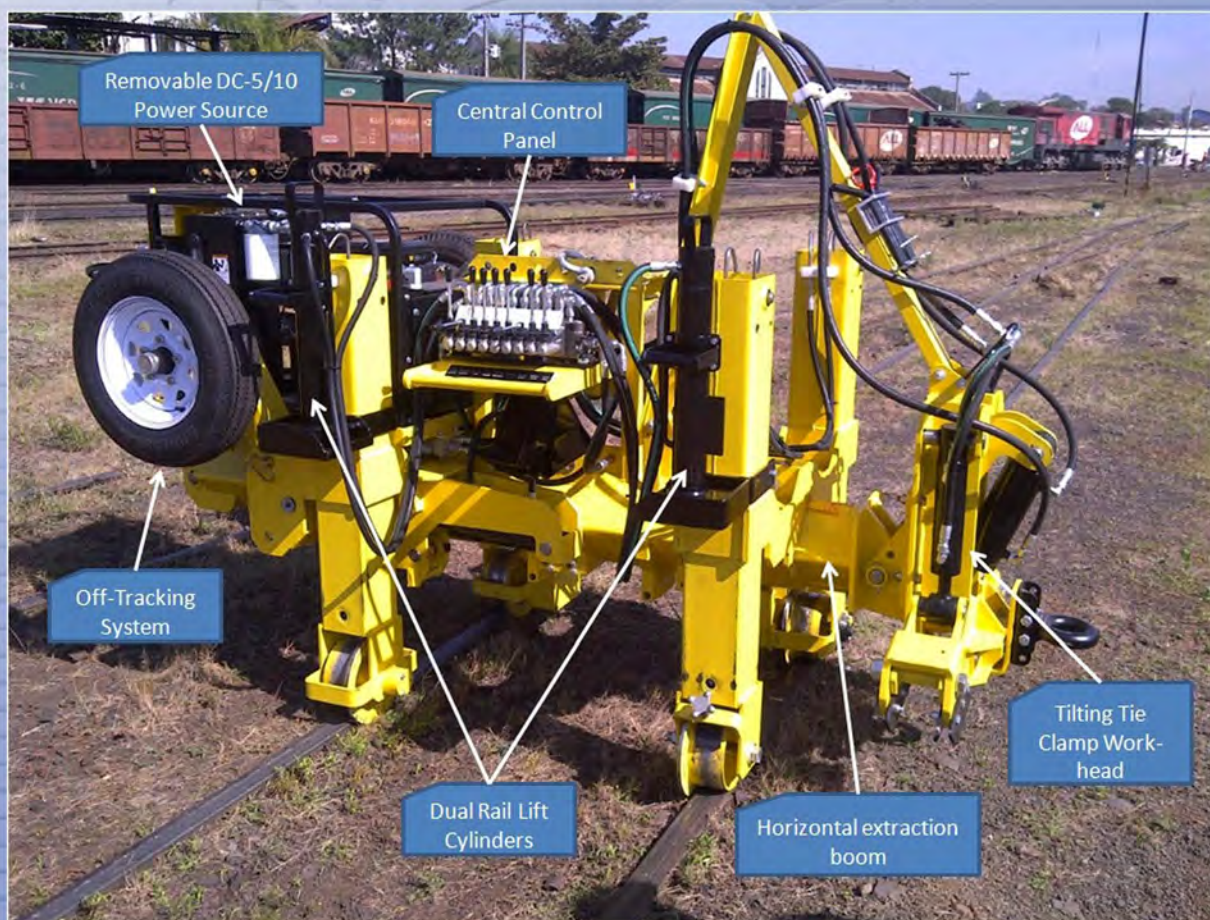




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