



TP70 INDUSTRIAL SWITCHER

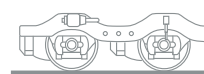
More Tractive Effort, Lower Emissions, Greater Fuel Savings, and Lower Life Cycle Costs

Tractive Power Corporation's new TP70 switcher is designed to meet the requirements for industrial applications. The TP70 offers many key features including::

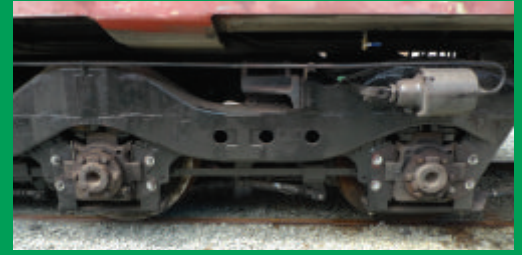
- TP70 uses a CAT C13 475 hp Tier 3 ACERT industrial engine. Other engines available based on individual requirements
- Overall weight of the TP70 is 200,000 lbs. Standard railcar movers are 63,000 lbs.
- 3 axle trucks are completely refurbished from EMD SD-40 locomotives. Proven reliability and performance
- TP70 will produce 70,000 lbs. of tractive effort
- TP70 has been designed using proven technologies which makes the TP70 easily serviceable
- TP70 has been designed to be "jackable" so it can be serviced in the field as well as the shop
- TP70 has been engineered using standard off the shelf parts which are readily available
- TP70 requires less maintenance than standard railcar movers
- Blue Card Certification not required for industrial use
- Significant fuel savings. Minimum idling of 0.5 gal/hr
- Has a robust electric (as opposed to mechanical) power train thereby minimizing shuddering
- TP70 has been designed with a full sized cab with optional climate control
- Remote control option also available
- Standard sanding feature for additional traction when required
- Competitively priced



The Tractive Power team will work with you during the design and build phases of your TP70 to offer a customized solution for your switching needs.



TP70 INDUSTRIAL SWITCHER *A state of the art locomotive switcher designed with the rail industry's needs in mind*



INTRODUCING THE TP70

Tractive Power Corporation's new TP70 is a fully customizable solution for the rail industry's switching requirements. The TP70 is a 3 axle railcar mover that offers more tractive effort with less horsepower, lower maintenance, less expensive components that are readily available. When compared to the competition the TP70 offers greater fuel savings with lower life cycle costs. As well the TP70 meets the current emission standards in both Canada and the United States. The TP70 is currently manufactured by Curry Rail Services of Hollidaysburg, Pennsylvania, USA under a manufacturing partnership.

ECONOMICAL

Our mission is to provide the most cost effective switcher solution for the demands of the industrial rail industry. With the increasing cost of general maintenance and the financial impact that it has on lost production, Tractive Power Corp is proud to offer the industry a sound product solution that will have a significant impact to your operation's bottom line.

TECHNOLOGY

Unlike smaller industrial railcar movers currently in use at terminal operations, that are built with power train components design for agricultural and construction equipment which are somewhat substandard for the punishing shock loads of the rail environment. Our model TP70 is manufactured using standard locomotive components with unmatched robustness and performance for the physics of moving railcars. The TP70 does not rely on "tricks" like weight transfer and rubber on rail, like its lighter weight competitors to achieve its reliable tractive effort. The simplicity of sufficient overall weight, steel on steel, effective wheel slip control and toughness provides better operating efficiencies and reduced overall total cost of ownership. The TP70 can be assembled using purpose chosen Tier 3 or 4 diesel engines. These engines are available from Caterpillar, Cummins, MTU and John Deere. The TP70 is an obvious business solution for the heavy demands of the industrial rail operator.

ENVIRONMENTALLY PRACTICAL

Being an Eco-Friendly company is a key objective of Tractive Power Corporation. Our initial product, the model TP70 will provide optimum efficiency, low emissions with Tier 3 or Tier 4 diesel engines that are matched for the customer's specific requirements. The TP70 diesel engines can be started quickly thereby reducing the need for standby idling.

LEARN MORE

Tractive Power Corporation is a manufacturer of industrial engineered rail switchers. The company is operated by experienced and well known industry leaders from within the rail industry. Tractive Power Corporation is a privately owned company dedicated to finding better product and technology solutions for the rail industry. Curry Rail Services is currently our manufacturing partner and is an experienced ISO9001 and AAR M-1003 certified locomotive manufacturer. Schedule a visit with us to view a TP70 industrial switcher in action at our manufacturer's test facilities with over 30 miles of track and loaded rail cars.

For more information about Tractive Power Corporation and the benefits and capabilities of the TP70, please contact us to further assist you with your specific needs.

SPECIFICATIONS

WEIGHT

Nominal 200,000 lb (100 tons)

DIMENSIONS

Length (between pulling faces) 33' – 8" (404")
 Length 29' – 10" (358")
 Width 10' – 3" (123")
 Height 14' – 2-3/4" (170.8")

WHEEL BASE

Wheel Base 13' – 7" (163")
 Wheel Diameter 40"

TRACTIVE EFFORT

Starting (35% adhesion) 70,000 lb¹

SPEED

Maximum 25 mph (40 km/hr)

MINIMUM CURVE

193 foot radius (30 degrees)

ENGINES

One 300 – 800 hp diesel²

OPTIONS – natural gas or battery electric available

GENERATORS

Brushless alternator

TRACTION MOTORS

D-78 or D-78 (3-units)

FUEL CAPACITY

300 gallons and upwards

CONTROL

AAR Standard

AIR BRAKES

Type 26L

AIR COMPRESSOR

Rotary Screw Type – 200 CFM

Contract Manufactured by Curry Rail Systems with certifications:



¹ with customization, can be increased to 70,000 lbs.

² currently using a Cat C13 ACERT Engine (475 hp), that meets EPA Tier 3 standards. Optional Natural gas or electric battery also available. The above specifications for the TP70 are subject to change. For other inquiries related to the TP70 that may not be listed in the specifications above, please contact Tractive Power Corporation. Tractive Power's locomotive products have granted US patent 8,561,545 and other patents pending in the USA and Canada.



Tractive Power Corp., 207 - 998 Harbourside Drive, North Vancouver, BC V7P 3T2
T: 604-904-0085 **F:** 604-980-5400 **E:** info@tractivepowercorp.com