

Trojan MT 8 Ton

R.A. Warren Equipment Ltd. Is Pleased To Announce The Addition Of Its MT Line Of Tunnelling And Mining Locomotives.

Trojan MT locomotives have unique features that promote safe operation and control. Sizing features will benefit users in almost any application. For many years tunnellers and miners have had to use bulky machines which often needed to be operated in tandem to haul desired loads, or they were forced to use smaller machines than desirable because of bulky older designs.



Warren's new gear drive enables extremely high power densities with very high safety factors enabling the production of compact locomotives. This narrow drive design enables an integrated suspension system for those tight tunnelling applications behind TBM's in gantries and backup units. In mining where chutes are low and dumps are in narrow areas, this design allows a powerful yet compact locomotive to improve productivity safely.



A DC motor for battery and trolley locomotives powers each worm gear drive. When diesel operation is required, variable displacement hydraulic pumps supply fixed displacement hydraulic motors. DC drives are managed with proven dual motor Mosfet controls with many safety and preventative maintenance features. Diesel drives feature simplified PLC controls for safe acceleration and deceleration.



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Trojan MT operator controls are ergonomically located allowing easy reach to controls, braking, and information.

Our unique gearbox and suspension allows for an extremely narrow profile machine enabling maximum power and tractive effort inside the most confining space.



High speed wheel gauge change and wheel rim 'changeout' is possible with the unique Warren wheel design.

The unique warren gearbox and frame design maximizes above track clearance for frame, motor and braking components.



The Trojan MT places safety first with electronic Mosfet motor braking, dual "light touch" hydraulic disc service/park brake and "failsafe" spring applied-hydraulic released brakes for maximum safety.