IMMERSIVE TECHNOLOGIES
Simulation Delivering Safety & Productivity

Conversion Kit® for Terex TR100 Haul Trucks

THE COMPLETE AND SCALABLE SOLUTION

Immersive Technologies provides a custom solution designed to train and develop your mine equipment operators using world leading technologies. This maximizes both effectiveness and throughput of the training process by blending eLearning, Instructor Led Training, Medium and High Fidelity Simulators for the most cost effective solution.

Coupled with this approach are professional integration services, tools and technologies which accurately assess and reduce operator risk. This enables Immersive Technologies to partner with our customers to drive quantifiable improvements in operational metrics such as safety, cost and profitability.

Increase operational safety and productivity while reducing your maintenance spend

Immersive Technologies' Conversion Kit development for the Terex TR100 Haul Truck provides the ultimate in training realism for mines focused on increasing operator safety, improving productivity and reducing levels of unscheduled maintenance. The Conversion Kit includes a complete replica cab of the Terex TR100 Haul Truck, with fully functional controls and instrumentation.

Original Equipment Manufacturer and industry endorsed TR100 operating procedures are tightly integrated with an extensive learning system within the Advanced Equipment Simulators. This system has been repeatedly demonstrated via evidence collected from within mining operations to provide rapid, correct and effective learning and assessment.

With mining equipment becoming increasingly technically sophisticated, the level of information, experience and organizational competencies required to accurately simulate these machines also increases. Through Immersive Technologies' industry experience, you can be assured your training solution will deliver maximum learning impact.

Accurate operational characteristics using technology and data based on Terex TR100 Truck model

Machine controls and instrumentation are faithfully reproduced to give maximum realism

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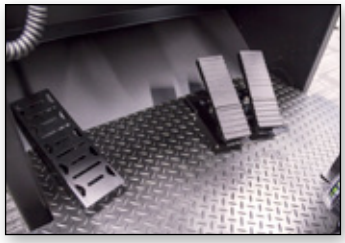
Simulation Delivering Safety & Productivity

T162 Conversion Kit for Terex TR100 Haul Trucks

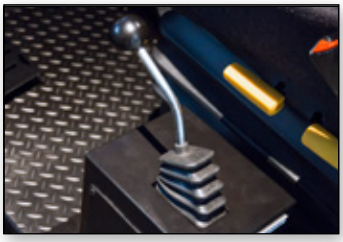
Immersive Technologies' T162 Conversion Kit provides the ultimate in training realism for mines focused on increasing operator safety, improving productivity and reducing levels of unscheduled maintenance.

The Conversion Kit includes a complete replica cab of the Terex TR100 Haul Truck, with fully functional controls and instrumentation. These include several gauges and controls that provide operators with information on a wide range of vital machine functions. When correctly used, this improves component life and productivity while reducing both repair cost and the risk of a catastrophic failure. The machine dynamics have also been faithfully reproduced to provide maximum realism to the training environment.

Fully functional instrumentation and display panels



Accelerator and brake pedals



Body control lever

Retarder & gear selector

Simulated radio module

Special view switches

Conversion Kit: T162
Released: May 2015

NB: Seat & Base not included.

Loading Scenarios

Spotting Scenarios

Dumping Scenarios

IMMERSIVE TECHNOLOGIES

Innovative Simulator Training Software

SimControl
IMMERSIVE TECHNOLOGIES

Immersive Technologies' SimControl software includes a range of specific Terex TR100 operator errors for recording and measuring incorrect operator behaviours. In addition, the SimControl software includes Terex TR100 events which allow a trainer to initiate machine faults or incidents in order to train and assess operators in responding appropriately. This combination of errors and events provide a mechanism to ensure operators are working at maximum efficiency while minimizing equipment damage. It also ensures operators are able to avoid or respond correctly to hazards and potentially life threatening scenarios.

Operator errors and events include a focus on the following areas:

- Hazard Avoidance
- Operator Productivity
- Fuel Efficiency
- Minimizing Unscheduled Maintenance
- Tire Preservation
- Site Safety Procedures

Advanced Equipment Simulators

Immersive Technologies has deployed the largest population of Advanced Equipment Simulators to mining operations around the world. Additionally our solutions are utilized by the broadest range of mining operation types and environments.

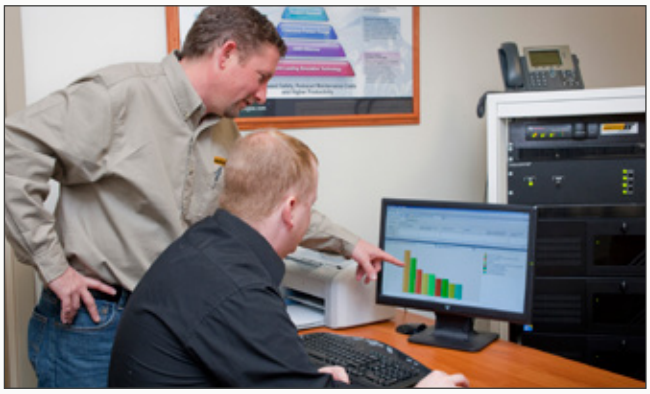
This experience, together with ongoing feedback from our mining customer base and Original Equipment Manufacturer alliance partners, has provided Immersive Technologies with the knowledge necessary to develop the next generation of Advanced Equipment Simulators. Our Solutions incorporate the industry's most advanced training functionality ensuring your operators are safer and your site is more profitable.

Safe Operating Procedures

Environmental Conditions

Simulation Delivering Safety & Productivity

T162 Conversion Kit for Terex TR100 Haul Trucks



Transforming data to information

SimMetrics™ is a powerful reporting system that helps you review, measure and visualize your simulation data. With an intuitive click-and-drag user interface, you don't need to be a programmer to quickly generate detailed reports on the results of your training.

SimMetrics Benefits:

- Operator and crew benchmarking
- Trending analysis of operator performance
- Early identification of equipment misuse and damage
- Recording of emergency scenario training results
- Enables comparative analysis against site in-pit results.

Support where and when you need it

You purchase the world's best mining simulation to get the job done. Immersive Technologies provides you the support and peace of mind to make sure your simulator achieves this goal.

Our customers receive a range of comprehensive support services:

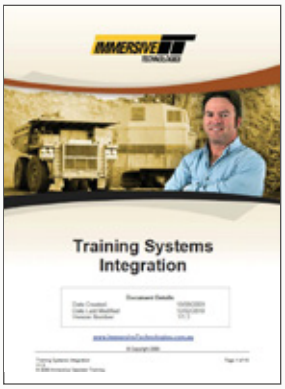
- 24hr phone support
- Rapid emergency visits
- Scheduled on-site service
- Regular maintenance support
- Hardware and software upgrades
- Extended parts warranty
- Best practice training and community networking.

Contact Immersive Technologies today to discuss which of our five year Customer Support Programs best suits your sites' requirements.

Training Systems Integration for Terex Haul Trucks

The success of your simulator training depends largely on the knowledge and application of the technology. Immersive Technologies offers on-site and customized consultation programs to assist mines to rapidly integrate their simulator technology, implement training program best practices and achieve maximum return on investment.

Immersive Technologies application specialists work closely with you to develop a customized Terex Haul Truck training curriculum, including the development of detailed performance based benchmarks and reporting systems tailored to your site's specific objectives.



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