



Conversion Kit® for Hitachi EH5000 AC-3 Haul Trucks



WHAT DOES THIS LOGO MEAN?

After extensive review of the simulation industry, Hitachi entered into a license agreement with Immersive Technologies in 2007 (Renewed in 2013).

Hitachi exclusively allows Immersive Technologies to use its proprietary machine information to ensure its simulators are engineered to the highest fidelity and realism.

As part of this agreement Hitachi exclusively recommends Immersive Technologies' Advanced Equipment Simulators to Hitachi dealers and mining customers worldwide.

Increase operational safety and productivity while reducing your maintenance spend

Immersive Technologies' Conversion Kit development for the Hitachi EH5000 AC-3 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 Hitachi EH5000 AC-3 Haul Truck, with fully functional controls and instrumentation sourced directly from Hitachi.

Original Equipment Manufacturer and industry endorsed EH5000 AC-3 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 and exclusive alliance with Hitachi, you can be assured your training solution will be the only accurate and true representation of the real machine available.



Accurate operational characteristics using technology and proprietary data licensed from Hitachi



Conversion Kits utilize genuine Hitachi cab controls and instrumentation

Expect Results

T140 Conversion Kit for Hitachi EH5000 AC-3 Haul Trucks

Immersive Technologies' T140 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 Hitachi EH5000 AC-3 haul truck, with fully functional controls and instrumentation sourced directly from Hitachi. These include an operational Hitachi operator in dash display and status module that provide operators information on a wide range of vital machine functions, as well as featuring dash panel, gear selector, hoist control levers and screen interface controls.



Fully functional in dash screen



Screen interface controls



Genuine hoist & gear selectors



Additional views in simulation



Hitachi SkyAngle control switch



Throttle and retarder/service brake pedals matching OEM machine



Conversion Kit: T140
Released: March 2018

NB: Seat & Base not included.



Loading Scenarios



Dumping Scenarios



Traffic interaction



CONVERSION KIT[®] COMPATIBLE WITH
PRO4 IM360
 LX6, LX3, AES Lite

Innovative Simulator Training Software

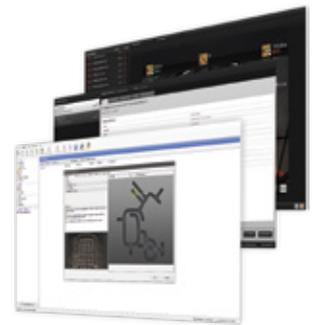


Immersive Technologies' SimControl software includes a range of specific Hitachi EH5000 AC-3 operator errors for recording and measuring incorrect operator behaviours. In addition, the SimControl software includes Hitachi EH5000 AC-3 events which allow a trainer to initiate machine faults or incidents 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.

SimControl
 IMMERSIVE TECHNOLOGIES

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



Hitachi Supported Development

Developed together with Caterpillar Product Engineering, the T140 incorporates machine specific technical data exclusively licensed to Immersive Technologies by Hitachi.



With mining equipment becoming increasingly technically sophisticated, the level of information required to accurately simulate the machines also increases. Immersive Technologies' exclusive alliance with Hitachi provides access to this information ensuring the accuracy and fidelity of our products.

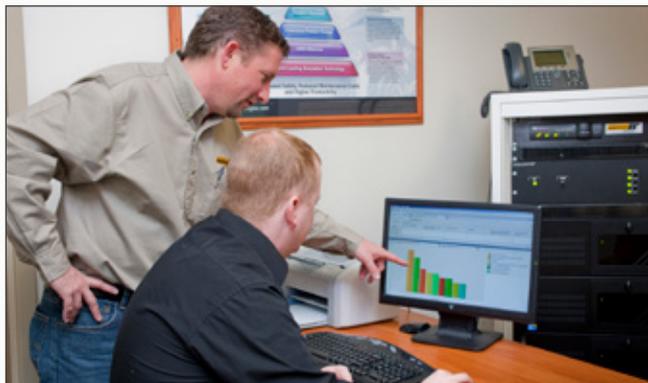


Safe Operating Procedures

Environmental Conditions

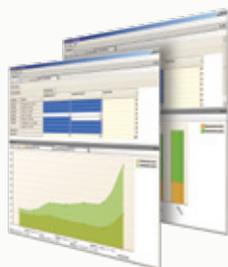
Expect Results

T140 Conversion Kit for Hitachi EH5000 AC-3 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.



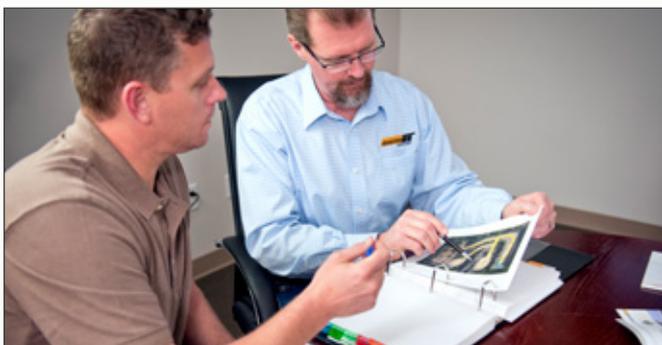
Support where and when you need it

Our customers receive a range of comprehensive support services:

- 24-hour 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

Training Systems Integration

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 Hitachi haul truck training curriculum, including the development of detailed performance based benchmarks and reporting systems tailored to your site's specific objectives.



Managed Services

Outsource a portion or all of your operator training program and gain access to specialist support across a broad range of capabilities. Managed Services staff are embedded within Immersive's global support network and have direct access to exclusive intellectual property for mine operator training. Whether you are a small or large operation the solution can be scaled, giving you access to a world class support for a fraction of hiring, training and managing these teams on your own.



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