



Conversion Kit® for Komatsu 980E-4 Mining Trucks



WHAT DOES THIS LOGO MEAN?

After extensive review of the simulation industry, Komatsu entered into a license agreement with Immersive Technologies in 2006 (Renewed in 2016).

Komatsu 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 Komatsu exclusively recommends Immersive Technologies' Advanced Equipment Simulators to Komatsu dealers and mining customers worldwide.

Increase operational safety and productivity while reducing your maintenance spend

Immersive Technologies' Conversion Kit development for the Komatsu 980E-4 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 Komatsu 980E-4 Truck, with fully functional controls and instrumentation sourced directly from Komatsu.

Original Equipment Manufacturer and industry endorsed 980E-4 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 Komatsu, 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 Komatsu



Conversion Kits utilize genuine Komatsu cab controls and instrumentation

Expect Results

T199 Conversion Kit for Komatsu 980E-4 Mining Trucks

Immersive Technologies' T199 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 Komatsu 980E-4 haul truck, with fully functional controls and instrumentation sourced directly from Komatsu. These include an operational Komatsu warning light module and status panel that provide operators information on a wide range of vital machine functions, as well as featuring genuine Komatsu dash panel, gear selector, hoist control levers and automatic speed controls.



Genuine Komatsu gauges



Fully functional switch panel and indicator lamps



Warning light cluster displays machine health



Gear selector, emergency shutdown and fault reset switch



OEM retard speed control



Throttle and retarder/service brake pedals match real machine cab



Conversion Kit: T199

Released: November 2018

NB: Seat & Base not included.



Loading Procedures



Dumping Procedures



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 Komatsu 980E-4 operator errors for recording and measuring incorrect operator behaviours. In addition, the SimControl software includes Komatsu 980E-4 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



Komatsu Supported Development

Developed together with Caterpillar Product Engineering, the T199 incorporates machine specific technical data exclusively licensed to Immersive Technologies by Komatsu.



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

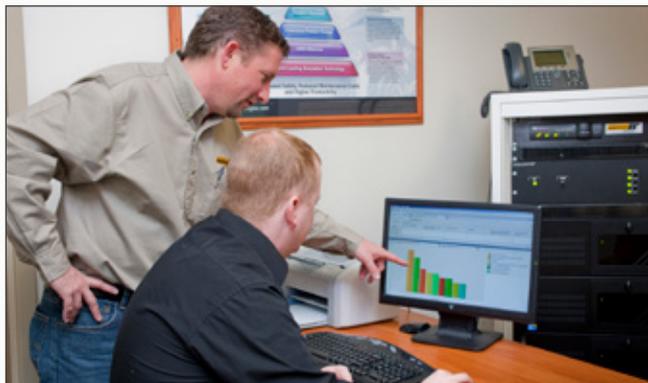


Safe Operating Procedures

Environmental Conditions

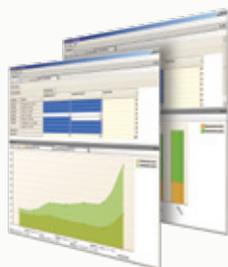
Expect Results

T199 Conversion Kit for Komatsu 980E-4 Mining 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.



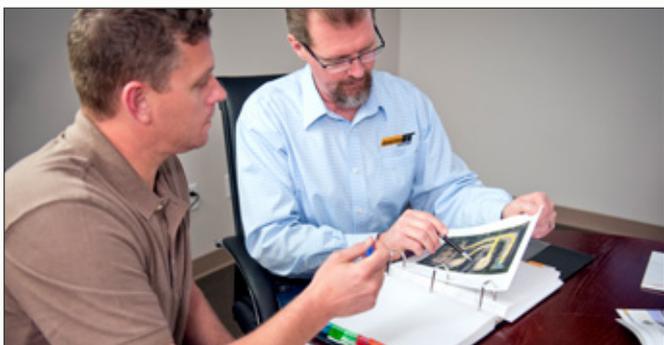
Support where and when you need it

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 Komatsu Mining Trucks 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.



Enquiries@ImmersiveTechnologies.com
www.ImmersiveTechnologies.com

© Copyright Immersive Technologies
20180824

IMMERSIVE
TECHNOLOGIES