LIEBHERR T282B

# Conversion Kit® for Liebherr Mining Trucks
T282B

## WHAT DOES THIS LOGO MEAN?

ORIGINAL EQUIPMENT MANUFACTURER
**EXCLUSIVE ALLIANCE** ✓
SUPPORTED & RECOMMENDED PRODUCT®

After extensive review of the simulation industry, Liebherr entered into a license agreement with Immersive Technologies in 2005 (Renewed in 2011).

Liebherr exclusively provides proprietary machine information to Immersive Technologies to ensure its simulators are engineered to the highest fidelity and realism.

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

## Increase operational safety and productivity while reducing your maintenance spend

Immersive Technologies' Conversion Kit development for the Liebherr T282B 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 Liebherr T282B Truck, with fully functional controls and instrumentation sourced directly from Liebherr.

Original Equipment Manufacturer and industry endorsed T282B 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.



*Accurate operational characteristics using technology and proprietary data licensed from Liebherr*



*Conversion Kit utilizes genuine Liebherr cab controls and instrumentation*

Enquiries@ImmersiveTechnologies.com
**www.ImmersiveTechnologies.com**

# Simulation Delivering Safety & Productivity
# T38 Conversion Kit® for Liebherr Mining Trucks

Immersive Technologies' T38 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 Liebherr T282B haul truck, with fully functional controls and instrumentation sourced directly from Liebherr.

These include an operational LCD monitor console, a powerful tool on Liebherr equipment for machine management that provide operators information on a wide range of vital machine functions, secondary information and alarms and fault event messages.




*Genuine Liebherr steering wheel, LCD monitor console and switch/indicator panel*



*Functional lighting, brake, lube and fault reset switch panel*



*Payload, suspension and fault code display, hour meter and emergency shutdown switch*



*Accelerator, retarder and emergency brake pedals match real machine cab layout*



*Genuine Liebherr shift selector*

**Conversion Kit: T38**
**Released: May 2007**

*NB: Seat & Base not included.*



## Loading Skills



## Dumping Skills



## Site Specific Procedu

## Innovative Simulator Training Software

Immersive Technologies' SimControl software includes a range of specific Liebherr T282B operator errors for recording and measuring incorrect operator behaviours. In addition, the SimControl software includes Liebherr T282B events which allow a trainer to initiate machine faults and 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 minimising 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:

- Accident Avoidance
- Brake Management
- Engine Management
- Gear Management
- Productivity
- Site Safety Procedures
- Situational Awareness
- Tire Management

## Liebherr Supported Development

Developed in collaboration with Liebherr's Product Engineering, the T38 Conversion Kit combines machine specific technical data exclusively licensed to Immersive Technologies by Liebherr.

With mining equipment becoming increasingly technically sophisticated, the level of information required to accurately simulate the machines also increases. Through Immersive Technologies' exclusive alliance with Liebherr, you can be assured your product is the most accurate and true representation of the real machine.
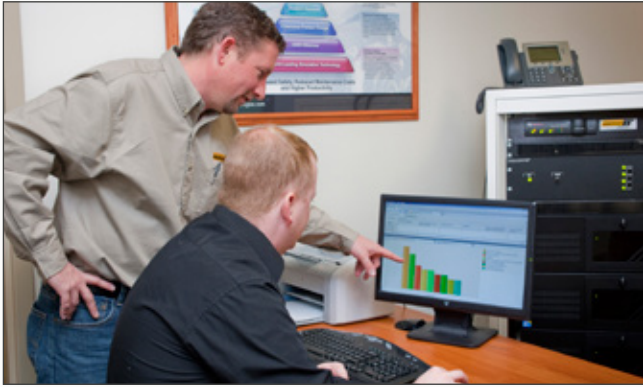
**ORIGINAL EQUIPMENT MANUFACTURER**
**EXCLUSIVE ALLIANCE**
**SUPPORTED & RECOMMENDED PRODUCT**

**CONVERSION KIT® COMPATIBLE WITH**

Advanced Equipment Simulator
**PRO3**
DESIGNED FOR **SURFACE MINING**
AES Lite, AES Series 2, AES Series 2B

...ures

Hazard Identification

Safe Operating Procedures

## 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:
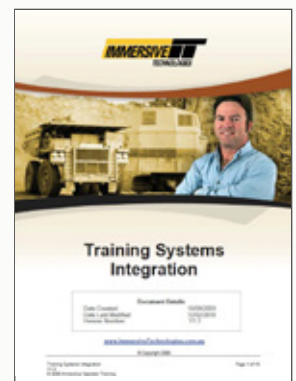
- 24hr phone support

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



Training Systems
Integration

**IMMERSIVE**
TECHNOLOGIES