



## Conversion Kit® for P&H Mining Equipment Shovels

2800XPA, 4100XPB, 4100BOSS, 4100XPB with LCC



### WHAT DOES THIS LOGO MEAN?

After extensive review of the simulation industry, P&H Mining Equipment entered into a license agreement with Immersive Technologies in 2004 (Renewed in 2009).

P&H Mining Equipment exclusively provides proprietary machine information to Immersive Technologies to ensure its simulators are engineered to the highest fidelity and realism.

This means you receive the most sophisticated, reliable and accurate earthmoving training tool available to achieve your site objectives.

### Uncompromising quality delivering impressive results

Immersive Technologies' Advanced Equipment Simulators are recognized globally as the industry standard equipment simulator for the mining and earthmoving industries for their ability to make a significant positive impact to a mines' safety, maintenance and production levels.

Our commitment to quality and customer satisfaction has driven the development of a range of simulation products and services specifically designed for a mines' unique operating conditions.

With the ability to accurately measure, assess and enhance an equipment operator's skill levels, the Advanced Equipment Simulator can improve safety and profitability on your site.



*Accurate operational characteristics using technology and proprietary data licensed from P&H Mining Equipment*



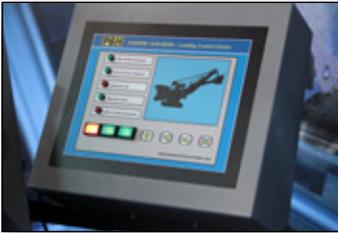
*Conversion Kits® utilize genuine P&H Mining Equipment cab controls and instrumentation*

# Advanced Equipment Simulators

## EF36 Conversion Kit<sup>®</sup> for P&H Mining Equipment Shovels

Immersive Technologies' EF36 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 replica cab of the P&H 2800XPA, 4100XPB, 4100BOSS and 4100XPB Shovels with LCC; with functional controls and instrumentation sourced directly from P&H Mining Equipment.



Key indicators and buttons of the main Centurion screen are available for familiarization



Fully functional auxiliary panel, emergency stop and switch panels



Left-hand joystick with brake set and release controls and trigger operated horn



Right-hand joystick with dipper trip and LED's indicating the current operating mode



Manual fire suppression controls



Fully functional console switches



Conversion Kit: EF36

NB: Seat & Base not included.



Loading Scenarios



Dumping Scenarios



Spotting Scenarios



CONVERSION KIT® COMPATIBLE WITH

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

## Innovative Simulator Training Software

Immersive Technologies' SimControl software enables a range of specific P&H shovel's 2800XPA, 4100XPB, 4100BOSS, and 4100XPB operator errors and events allowing you to obtain maximum operator efficiency while monitoring and training for equipment damage and potentially life-threatening emergency scenarios.

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

- Accident Avoidance
- Maintenance Reduction
- Productivity
- Site Safety Procedures
- Situational Awareness

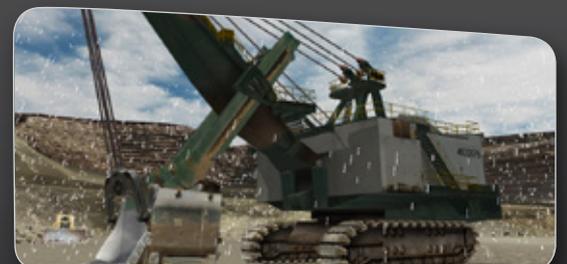


## P&H Mining Equipment Supported Development

Developed together with P&H Mining Equipment's Engineers and Product Managers, the EF36 Conversion Kit combines machine specific technical data exclusively provided to Immersive Technologies by P&H Mining Equipment.



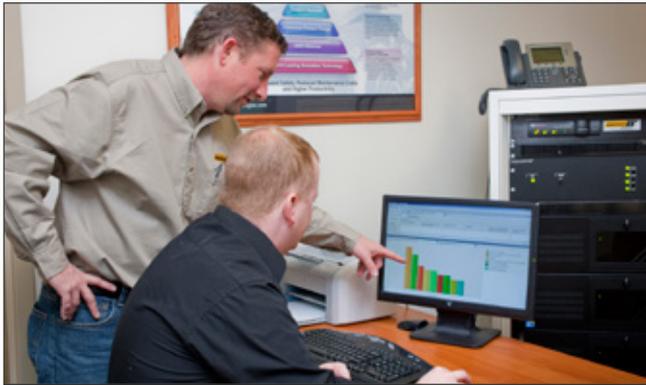
With mining equipment becoming increasingly technically sophisticated, the level of information required to accurately simulate the machines also increases. Through Immersive Technologies' exclusive alliance with P&H Mining Equipment, you can be assured your product is the most accurate and true representation of the real machine.



Safe Operating Procedures

Environmental Conditions

# Advanced Equipment Simulators EF36 Conversion Kit® for P&H Mining Equipment Shovels



## Transforming data to information

SIMetrics™ 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.

SIMetrics 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 there 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:

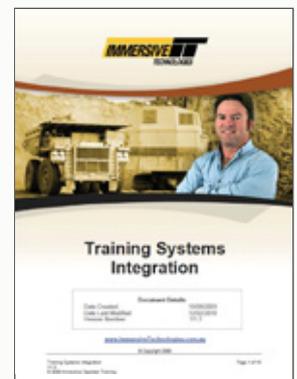
- 24hr phone support
- Rapid emergency visits
- Scheduled on-site service
- Regular maintenance support
- Hardware and software upgrades
- Extended parts warranty
- Best practice training and community networking.

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

## Training Systems Integration for P&H Mining Equipment Shovels

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 P&H shovels training curriculum, including the development of detailed performance based benchmarks and reporting systems tailored to your site's specific objectives.



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