

D271

Conversion Kit® for Cat® D11 Dozer



Ask to see Immersive Technologies' extensive catalog of quantified business improvements, solving problems in areas such as safety, productivity, reactive maintenance and the availability of skilled equipment operators.

REAL RESULTS MEAN IMPROVEMENTS*

SAFETY

- ↑ 67% Correct Emergency Response
- ↓ 60% Traffic Incidents



UNSCHEDULED MAINTENANCE

- ↓ 58% Brake Abuse
- ↓ 63% Engine Overspeed



COST SAVINGS

- ↓ 49% Training Hours on Equipment
- ↑ 24% Tire Life



PRODUCTIVITY

- ↓ 19% Spot Time
- ↑ 13% Payloads



* All results are average in-field improvements, documented and verified by external parties.

Immersive Technologies' D271 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 Cat® D11 Dozer, with fully functional controls and instrumentation.

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 be the only accurate and true representation of the real machine available.



Cat® D11 Dozer



Simulated
Cat® D11 Dozer

D271 Conversion Kit® for Cat® D11 Dozer



Emulated machine monitor of the Cat 10-inch touchscreen makes operator interaction seamless and realistic.

Genuine multifunction controls including transmission, gear selection, track clutch levers and adjustable consoles.

Service brake and deceleration pedals match real machine cab layout.



CONVERSION KIT FEATURES



WorksiteVR™ Quest



eLearning



Pre-Start Inspection



Controls



Mine Standards Training

DIGITAL LEARNING ADD-ONS

Innovative Simulator Training Software

Immersive Technologies' SimControl software includes a range of specific Cat® D11 Dozer operator errors for recording and measuring incorrect operator behaviors. In addition, SimControl allows a trainer to initiate machine faults or incidents in order to train and assess operators in responding appropriately.

Training opportunities include:

- Hazard Avoidance
- Operator Productivity
- Gear Management
- Tire Preservation
- Engine Management
- Site Safety Procedures
- Minimizing Unscheduled Maintenance



Industry Leading Mining Simulators

As the world's largest supplier of mining equipment simulators, Immersive Technologies has deployed solutions in 57 countries and works closely with mining operations and equipment manufacturers to solve real industry problems in areas of safety, productivity, reactive maintenance and the availability of skilled personnel. Immersive Technologies is the only equipment simulator supplier with a consistent and proven track record of delivering significant and measurable in-field improvements.

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 industry standard in Advanced Equipment Simulators. Our solutions incorporate the industry's most advanced training functionality ensuring your operators are safer and your site is more profitable.

