

VIRTUAL OPERATOR TRAINING



THE TIGERCAT SIMULATOR PROVIDES A VIRTUAL CUT-TO-LENGTH OPERATOR TRAINING SOLUTION WITH AN ULTRA-REALISTIC OPERATING ENVIRONMENT. THE ADVANCED SYSTEM IS CAPABLE OF SIMULATING THE CONTROLS AND OPERATION OF BOTH THE 1075C FORWARDER AND AN EIGHT-WHEEL DRIVE 1165 HARVESTER EQUIPPED WITH THE 534 HARVESTING HEAD.

Tigercat[®]
Tough • Reliable • Productive

VIRTUAL OPERATOR TRAINING

KEEP YOUR FLEET OF MACHINES PRODUCING AT FULL CAPACITY WHILE YOU TRAIN NEW OPERATORS VIRTUALLY.

INSIDE THE VIRTUAL CAB

- ▶ The virtual cab is equipped with an actual Tigercat seat. Machine controls sets can be changed out to exactly match a real Tigercat harvester or forwarder
- ▶ The Tigercat D7 control system, the machine control system, instrument panels, and all the touchscreen interfaces are actual Tigercat components and software systems

D7





REALISTIC EXTERNAL ENVIRONMENT

- ▶ The configurable three-panel display system simulates the view to the outside world in remarkable detail
- ▶ The ambient environment can be adjusted to recreate various weather and lighting conditions, like wind, rain, snow, and even night operation. It all contributes to a wider range of experience and a strong sense of realism for the operator trainees
- ▶ Terrain conditions, grade angles, and obstacles seamlessly interact with the simulator software and motion platform to provide a multi-sensory virtual experience. Everything the operator sees and experiences outside is reinforced because it sounds and feels real



REAL MACHINE FEEL

- ▶ Motions and movements are simulated in the virtual environment with their true physical properties, including mass and moment of inertia
- ▶ Combined with feedback from the motion platform, operator trainees get a true feel for machine operation
- ▶ The trainee will see the grapple swing and feel the motion of the crane reaching. These realistic details enhance the learning experience



BEGINNER TO ADVANCED PROGRESSION

- ▶ The Tigercat simulator is equipped with a comprehensive training program
- ▶ The trainee progresses through various exercises from basic controls, to plantation harvesting and rough terrain operations
- ▶ Trainees have the opportunity to adjust machine control system parameters and immediately observe the impact of these changes on machine performance and behavior
- ▶ The student training journey is coupled with advanced metrics and reporting to objectively gauge aptitude and progress

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