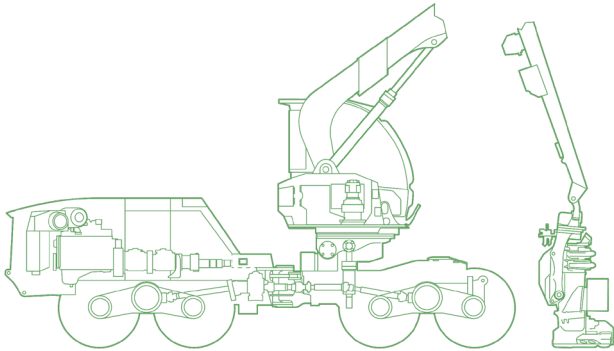


# Harvester Training Pack



## Simulated equipment specs

8-wheel drive hydrostatic transmission  
282 horsepower  
Oscillating stabilization

9 meter crane reach  
4-wheel drive harvesting head with independent wheel arms

## Overview /

The Harvester Simulator Training Pack is the only solution on the market that simulates the harvesting cycle in detail to ensure safe and efficient operations. It helps reduce the training burden on seasoned operators by ensuring a higher level of readiness for the field. The Harvester Simulator Training Pack was designed in collaboration with OEM, Tigercat, and is sold in a bundle with the Forwarder Simulator Training Pack.

## Key features & benefits /

With the Harvester Simulator, students progress through an industry-approved curriculum that was developed in consultation with forestry and logging training schools. It helps operators acquire the right skills and techniques relevant to the job market.

### Industry approved curriculum

covering standard harvester duties such as controlling the felling direction, delimiting a tree, and cutting-to-length.

### Performance metrics and reporting

that show trainees how to safely handle equipment and perform efficient harvester operations.

### Large immersive environment

fully equipped with multiple tree species that includes night-time operations as well as different weather conditions like fog, rain, or snow.



## Best-in-class simulation provides real learning benefits

Through CM Labs' Smart Training Technology™, everything from the harvester's hydraulics system, engine behavior, knuckle boom swing as well as movement of the harvester head are accurately replicated. Smart Training Technology is comprised of CM Labs' proprietary and patented algorithms, and ensures precision engineering of the simulated equipment. That's why it delivers the most transferable operator skills anywhere, outside of the real equipment. Other detailed simulation includes:

- Boom backlash
- Steering system
- Tandem wheels
- Cabin swivel
- Mirrors and rearview camera

With the Harvester and Forwarder Simulator Training Packs training organizations can provide comprehensive education for forestry operations, as well as training for road work with CM Labs' Earthmoving Training Packs.



## Supported Vortex Hardware Platforms

The Harvester Training Pack currently runs on the desktop Vortex Edge Plus and the motion-enabled Vortex Edge Max. Vortex simulators are built to last, designed for years of 24/7 operator training.

## Learning program

The Harvester Training Pack features progressive learning exercises—from beginner to advanced—designed to teach skills and build confidence. Exercises include:

- ✓ Basic controls familiarization
- ✓ Loading and unloading from the trailer
- ✓ Plantation harvesting
- ✓ Rough terrain harvesting
- ✓ Delimiting and bucking
- ✓ Felling direction
- ✓ Skills challenge
- ✓ Freeform exercises

## Performance measurement

The Harvester Training Pack gives instructors objective insight into performance and abilities. Trainers can measure performance metrics such as:

- ✓ Time to complete exercises
- ✓ Fuel consumption
- ✓ Tree efficiency
- ✓ Safety violations
- ✓ Small tree protection



645 Wellington Street,  
Suite 301 - Montreal, Quebec,  
Canada H3C 1T2

info@cm-labs.com  
[cm-labs.com](http://cm-labs.com)  
T +1 514 287 1166

 @vxsim  
 [youtube.com/vortexsim](https://youtube.com/vortexsim)

Vortex® is a registered trademark of CM Labs, Inc. Construction - 0819