

## **Articulated truck**

- Machine and Jobsite Safety
- Operator Compartment and Control familiarization
- Machine Walk around to locate and identify major components, controls and gauges
- Driving and hauling Procedures
- Loading and Unloading Procedures and Practices
- Completing a Full Production Cycle
- Operational Techniques

**Machine Walkaround.** Learn pre-operation machine inspection procedures to ensure proper operating and safety conditions.

**Controls Familiarization.** Understand and master operator controls and proper sequences for machine operations.

**Driving.** Learn basic movements of the machine using the steering wheel. The operator will drive through two different courses: one that requires articulated turning and one that uses the oscillating hitch.

**Hauling.** Learn basic hauling procedures and gain an understanding of the capabilities of the Articulated Truck in full load conditions.

**Braking.** Focus on proper service braking and engine compression braking on three different terrain grades.

**Loading -Through the Gate.** Learn basic operations and safety procedures to perform a drive by loading approach.

**Loading - Over the Rail.** Learn basic operations and safety procedures for loading material using a perpendicular loading approach.

**Unloading.** Learn basic unloading techniques. The exercise will cover proper procedures for approaching the unloading zone and unloading material within a construction site.

**Full Production Cycle.** Learn how to operate the truck through a full production cycle. The exercise will combine all the tasks and skills learned in previous exercises: driving through rugged terrain, being loaded, hauling a load, unloading into a pit and braking.

**Open Training.** Allows instructor to expand functionality of simulator to customize training for each student according to individual needs