

## **M-Series Motor Grader**

- Machine and Jobsite Safety
- Operator Compartment and Control familiarization
- Machine Walk around to locate and identify major components, controls and gauges
- Steering Modes
- Grading
- V-ditching
- Ripping & Scarifying
- 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 including start-up and shut-down procedures.

**Straight Frame Operation.** Discover proper techniques to keep the machine straight and turn the machine using the front wheels only.

**Articulated Turning.** Learn to maneuver the machine through a series of obstacles that will require use of front wheel turning and the articulation of the machine.

**Crab Steering.** Learn proper techniques for crab steering. Operator will move material without making tire contact with the material.

**Rough Grading.** Utilize machine features including blade, wheel lean and proper articulation to learn rough grading techniques.

**Finish Grading.** Discover proper techniques for finish grading.

**V-Ditching.** Learn proper operational techniques for V-Ditching. Operator will utilize multiple features of the machine including the blade/turn table, articulation and wheel lean.

**Ripping.** Learn proper techniques to safely and efficiently perform ripping operations.

**Scarifying.** Learn proper techniques for basic scarifying operations. User must keep the machine straight (no articulation will be needed) and at a safe operating speed to complete the exercise.

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