

43rd Annual National Collegiate Landscape Competition
March 20 - 23, 2019
Colorado State University

MINI TRACK LOADER OPERATION

Description: The student (maximum of one individual per school) will demonstrate his or her ability to safely and efficiently operate a mini track loader. The student will perform a pre-operation inspection and then operate the machine through three timed tasks. The clock begins when the machine moves past the starting line. From the start the student will proceed to a pallet with multiple balls on top of it. They will pick the pallet up, reverse and turn a corner traveling to the first drop point. From there the student will reverse and proceed to the next pick point. They will pick up the pallet and drive to the next drop point. Another pallet with multiple balls will be picked up and transported to the last drop point. Once the pallet is placed at the last drop point the clock will stop. These tasks will test the student's ability to move the machine in a safe, efficient manner while evaluating the student's fine movements with the machine controls.

Go to Bobcat.com/MT85 for more information on the Bobcat MT85 mini track loader. To find a local dealer to test the machine go to Bobcat.com/NCLC. Please note that not all dealers will have the MT85 mini track loader in stock so this is based on machine availability.

Time: Students will take a written test and operate the equipment on Friday. Time slots for operation will be assigned during the event briefing on Thursday based on when the school's registration and payment were received. The written portion of the test should be completed before the student operates. This will require them to arrive 10-15 minutes before their assigned operation time to complete the written test. Operation will take no more than 10 minutes for each student.

Limits: The sponsor reserves the right to limit the number of individuals competing based on time or physical space constraints of the campus. Schools will be able to compete based on the date their registrations were received and paid for. (Registrations that are received late or have not been paid will be placed on a waiting list.)

JUDGING CRITERIA

Points: 100 possible points for the individual score; the individual score is doubled toward the team score for a total of 200 possible points.

Points will be assigned based on the following criteria:

1. Written exam (20%)
2. Safe completion of walk around and operational tasks on course (5%)
3. Safe completion of operational tasks on course and measurement of material retention (75%)

Deductions will be applied for material retention, course performance and time. Time will only be used as a tiebreaker.

Students are required to bring the following materials to the event: Two sharpened pencils with erasers for written exam on Friday. Students are required to wear clothes that are appropriate for the operation of a piece of construction equipment. Gloves are highly recommended; hard soled shoes or boots are required. Waiver signed by parent if not 18 years as of 3/19/2018. Waiver was sent to student's faculty advisor.

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Sponsor is required to supply the following materials for the event:

- All equipment and materials needed for the competition station
- Course diagram
- Marking paint, cones or flags – course layout
- Stopwatches
- Sufficient number of judges and event monitors
- Any other items deemed necessary for this event