

Iron Horse Mower Mayhem

LAWN MOWER DEMOLITION DERBY RULES AND REGULATIONS

Presented with the Iron Horse Demolition Derby and Little Iron Horse Power Wheels Derby

Entry Fee and Pit Access

\$30 per driver and mower. The fee includes pit admission for the registered driver only. Everyone else entering the pit area must purchase a Pit Pass and follow all Iron Horse Demolition Derby pit rules.

1ST PLACE	2ND PLACE	3RD PLACE
Trophy + 100% of cash purse	Trophy	Trophy

100% of mower entry fees collected make up the cash purse.

Driver and General Safety

1. Drivers must be at least 15 years old. Drivers age 18 or younger must have a consent waiver signed by a parent or legal guardian. All drivers must wear a helmet, long pants, and closed-toe shoes.
2. All mowers must have a working driver-attached kill switch. The key or tether must be securely attached to the driver while competing. Attachment to a belt or belt loop is permitted. The kill switch must shut off the engine if the driver becomes separated from the mower.
3. The derby mower must be a factory-available lawn mower and must retain recognizable factory lawn-mower dimensions, body configuration, operator position, and controls except for modifications specifically permitted by these rules. No homemade frames.
4. A clearly visible number must be displayed on each side of the mower.
5. Mower decks, headlights, glass, and unnecessary plastic must be removed.
6. No rear-engine or zero-turn (ZTR) lawn mowers are allowed.

Engine Drivetrain and Fuel

7. The engine must be a factory lawn-mower engine such as Briggs & Stratton, Tecumseh, Onan, or similar, with a maximum factory rating of 20 HP. The engine must remain internally stock, with no performance modifications. The factory governor must remain installed and functional. No exhaust stacks are allowed.
8. All mowers must have factory-style hoods and fenders. The hood must be securely screwed, bolted, or welded to the dash or body area around the driver. If the original hood is fiberglass, a sheet-metal replacement approximately the same size may be used. The seat must be securely mounted in the factory operator location and may not be relocated.
9. Mowers must remain belt driven. No chain-drive, shaft-drive, or other drivetrain conversions are allowed. Mowers must have working brakes and functioning forward and reverse gears at the beginning of the event.
10. The gas tank must be securely mounted and have a cap. No fuel leaks will be allowed. Any mower leaking fuel must be shut down.
11. If a battery is used, it must be securely mounted and covered. If a pull-start engine is used, the driver may not exit the mower or receive outside assistance to restart it while the derby is active.
12. All mowers must use lawn-mower wheels and tires. Tractor-tread and cut tires are permitted only when they are manufactured for lawn-mower use. Air in tires only. No agricultural, ATV, go-kart, automobile, foam-filled, or solid tires; tire chains; dual wheels; or steel wheels. Tires may be glued or screwed to the rim.

Build and Reinforcement

13. Leg guards are mandatory and must be bolted and/or welded from the rear fender to the front footrest or factory frame. Material may not exceed 3 inches in outside diameter. Leg guards are driver-safety equipment and do not count toward the Rule 14 frame-reinforcement allowance. They may not have open sides and may not be tied into the engine cage, bumper, or other reinforcement to strengthen the mower. All surfaces and ends must be smooth and rounded with no sharp edges.
14. The factory frame must be retained. Added frame reinforcement is limited to 12 inches of material along each factory frame rail or side. Material may not exceed 2 x 2 x 1/8-inch angle iron or 2 x 1/4-inch flat stock. Reinforcement may not lengthen the mower, create or support a bumper outside Rule 20, or extend beyond the original front or rear factory frame.

15. The factory lawn-mower front axle must be retained in its factory mounting location and may not be moved forward or rearward. The axle may be welded solid in its existing location. Steering links and rods may not exceed 3/4 inch. Front spindles may not exceed 3/4 inch in diameter.
16. The transaxle must be a factory lawn-mower transaxle. No structural reinforcement or aftermarket replacement transaxles are allowed. Welding or locking the spider gears is permitted.
17. Permitted reinforcement materials are steel, aluminum, and chromoly. Engine-cage reinforcement must remain inside the hood compartment, follow factory body lines, and may not exceed 2 x 2 x 1/4 inches. Grille reinforcement may not exceed 1/8-inch plate, except for a spark-plug protector up to 4 x 4 x 1/2 inches. The engine cage may not extend farther rearward than the steering column or farther forward than the original factory hood.
18. Changing drive pulleys for gearing is permitted. Mowers may not exceed 12 MPH. Tech officials may require a speed test at inspection or at any time during the event. A mower that exceeds 12 MPH must be corrected before it may compete or continue.
19. Starter and carburetor protectors are permitted only when they remain inside the factory hood and engine cage. They may not extend beyond the limits in Rule 17 or be tied into the bumper, frame reinforcement, leg guards, or other structures to add strength. Final approval is subject to tech inspection.
20. Front bumper: A front bumper is permitted. It must remain inside the innermost point of the front tires and may not extend farther forward than the engine cage or the original factory hood, whichever is farther rearward. Rear bumper: It must remain inside the innermost point of the rear tires and may not extend farther rearward than flush with the rear tires. Bumper tubing may not exceed 2 inches. All ends must be smooth and rounded. No pointed, angled, sharp, or protruding ends are allowed.

Event Rules

21. Iron Horse Mower Mayhem is intended to be a single, one-and-done derby. All eligible mowers that pass inspection will compete together unless officials determine that the number of entries requires otherwise.
22. Drivers must remain actively engaged. A driver who does not make competitive contact within 60 seconds may be declared out. A mower that stalls or becomes disabled during normal competition has up to 60 seconds to restart and resume. The 60-second period does not run while officials have stopped the event. After an approved rollover recovery under Rule 25, the 90-second restart period in Rule 25 applies instead.
23. No sandbagging. Drivers may not intentionally avoid competition to improve finishing position.
24. Normal demolition-derby contact is allowed. No intentional hits directly to another driver's body or leg area. Drivers may not intentionally hit a rolled-over mower, a mower declared out, or any mower while officials have stopped the event.
25. A driver is allowed one rollover during the event. All drivers must stop when directed by officials. The rolled driver must remain seated and may not exit unless directed by an official. After the mower is safely returned upright and cleared, the driver has up to 90 seconds to restart and continue. A second rollover results in the driver being declared out.
26. Once a driver has been declared out, the mower must be shut off and the driver must remain in place unless directed otherwise by an official.
27. All mowers must pass tech inspection before competing. Officials may require an unsafe condition or rule violation to be corrected before the mower is allowed to compete.
28. A mandatory drivers' meeting will be held before the derby. Starting and stopping procedures, boundaries, safety procedures, and other ground rules will be explained at the meeting.
29. Unsafe driving, failure to follow an official's instructions, intentional illegal hits, bypassing required safety equipment, or unsportsmanlike conduct may result in disqualification.
30. All rules and decisions are at the discretion of event officials. Officials' decisions are final.

IF THE RULES DON'T SAY YOU CAN DO IT, ASK BEFORE YOU DO IT.