

A Supplemental Building for Reel and Bedknife Grinding

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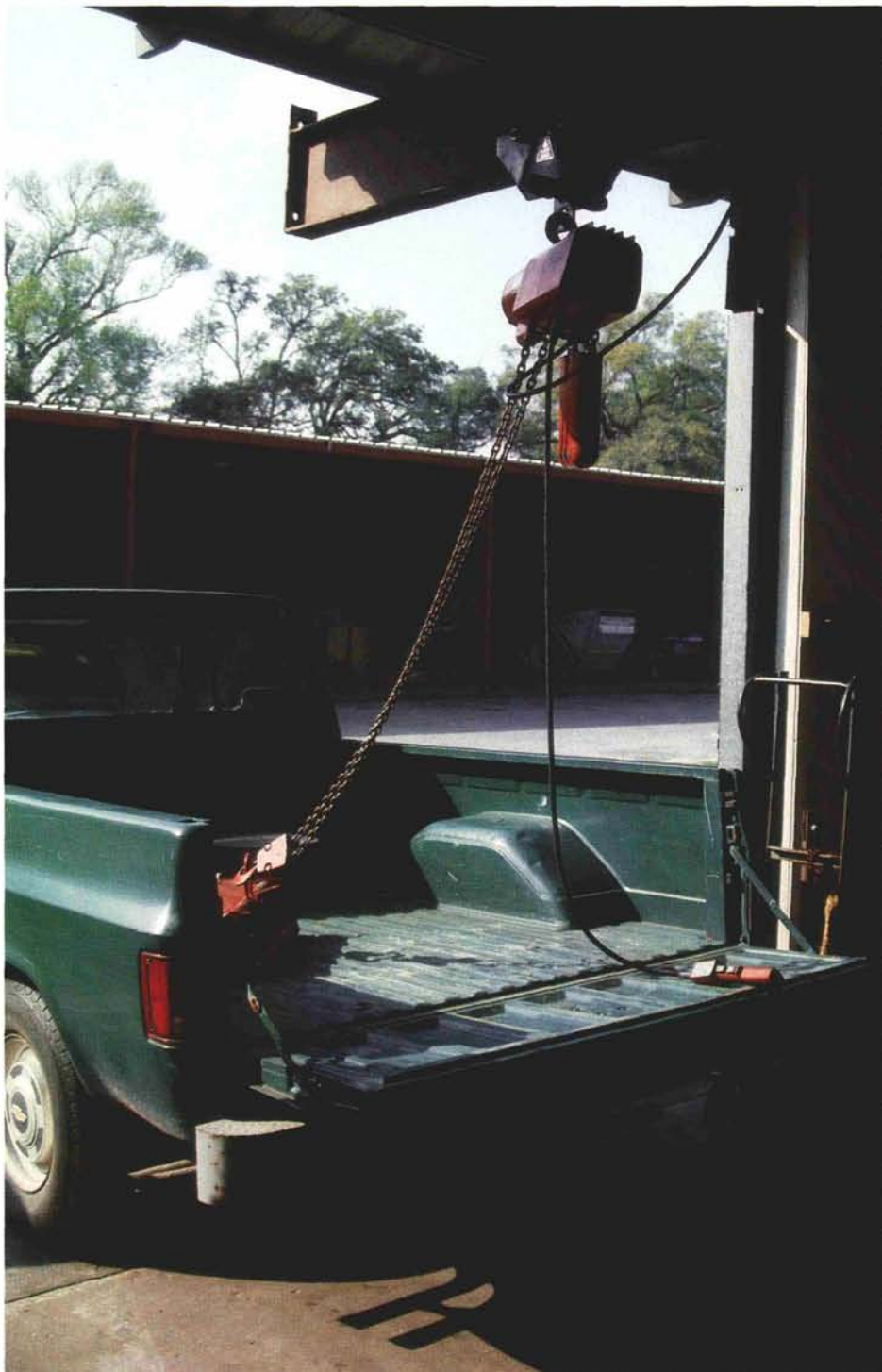
MOWERS REQUIRE more frequent maintenance than any other piece of equipment on a golf course. Most golf courses have a service shop inside the maintenance building. In many cases, the noise from these maintenance operations affects other projects in the building, but there is no way for other employees or guests to avoid this noise other than by leaving the building. Obviously, it can be very disruptive to have this distraction in the maintenance building.

The Sea Island Golf Club, in Georgia, found a solution to this problem. A 400-square-foot aluminum building was constructed adjacent to the existing maintenance facility with a tin roof and concrete floor. Tom Burton, the golf course superintendent, designated the structure the Reel and Grinding Building.

The key feature of the building is a ceiling-mounted 2-ton electric hoist on a prefabricated 20-foot by 16-foot steel beam. The hoist can be transferred from one end of the building to the other on the steel beam. The mowers are driven to the entrance of the building and the movable electric hoist allows the mechanic to transfer the reels directly from the nearby mower to the workbench or grinding equipment. The reels are easily lifted back to the mower after servicing via the electric hoist. Lifting is a one-person operation with this device. An electric hoist added about \$1,200 to the new building's total cost.

In the Sea Island project, a workbench, tool cabinet and desk were built for the mechanic. An air compressor and water source are other nice features to help keep the equipment and building clean. Ceiling-mounted fluorescent lights provide the best light.

The Reel and Grinding Building has helped Sea Island. For new golf courses or older maintenance buildings where noise from the service area is a problem, consider erecting such a building. If noise isn't a factor, installing an electric hoist might help to improve the existing shop.



The movable electric hoist at Sea Island Golf Club can be conveniently used to remove mowers and reels directly from a pickup truck.