



Figure 9—The Ultra Light Terrain Grader has manually adjustable rear wheels and an electrically operated front lift.



Figure 10—An electric actuator on the Ultra Light Terrain Grader lifts the front end to the desired level, setting the depth. Four angled serrated grader blades plus a rear straight grader blade pull soil to the center of the trail.



The 1998 price for the Ultra Light Terrain Grader was \$2,750 (U.S.), FOB Lively, Ontario, Canada. Customs' and brokers' fees are included in the price. The Ultra Light Terrain Grader is the only grader in The Shop Industrial's line that can be pulled with an ATV. The company has two other models 6 feet 4 inches (1.9 m) wide, and 8 feet 4 inches (2.5 m) wide that can be pulled with a pickup truck. They are designed for road and lane grading. See page 20 for information about contacting The Shop Industrial.

The Ultra Light Terrain Grader (Figure 11) was too wide and long to negotiate many of the curves in this particular trail without widening the trail or hitting trailside trees. We limited the evaluation to a section of trail with gradual curves and fewer trees close to it (Figure 12). The Shop Industrial representatives said they would be willing to custom build shorter and narrower versions of the Ultra Light Terrain Grader that might be better suited for trail work.



Figure 11—Due to its length and width, the Ultra Light Terrain Grader had a hard time negotiating corners.

On roads and parking lots, the Ultra Light Terrain Grader was very effective (Figure 13). Where larger graders are not



Figure 12—In the South Carolina demonstration, the Ultra Light Terrain Grader was very effective in removing whoop-de-does after several passes down the trail.