ATR
All Terrain Rake

New multipurpose implement for ATVs and lawn tractors

The combination of long & short tines plus multiple pitch and angle settings enable you to accomplish many different tasks with just one implement.

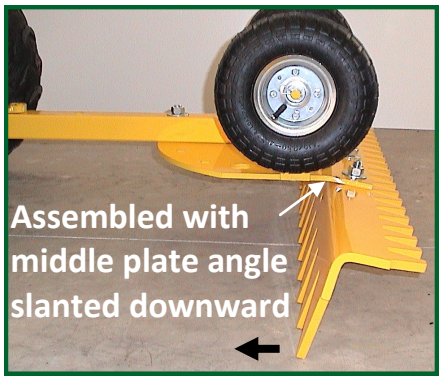
Create & Maintain Trails

Grade Driveways

Prepare Food Plots

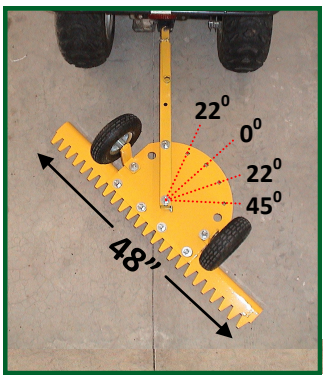
Groom Horse Arenas

See video of the ATR at: www.RatchetRake.com



Pitched Forward

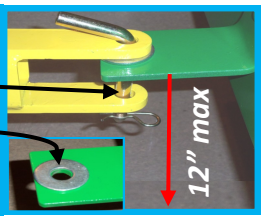
Pitched Backward



Shown at 45 Degrees

When set at 22 degrees, the small tines will quickly smooth out your driveway by cutting down the high spots and filling in the low areas. You can also move grading material laterally across the surface creating a crown at the center. When set at 45 degrees, the large tines are perfect for creating and grooming trails in wooded areas.

-For use with machines having a drop pin receptacle no more than 12" off the ground.
-Hooks up to the drop pin receptacle with a standard 1/2" X 3" hitch pin (not included).
-Insert flat washer on top of the drop pin receptacle to reduce ware between surfaces.
-All components are connected with 5/8" carriage bolts (a 15/16"wrench is required).



Operating Recommendations

Fine Grading & Driveways: Short tines pointed downward & pitched backward (long tines pointed forward) unit angled at 0 degrees (22^0 to create a crown at the center).

Grooming Horse Arenas: Long tines pointed downward & pitched backward (or pitched forward with a minimum of 6" of footing material) angled at 0 degrees.

Clearing Compacted Leaves & Light Vegetation: Long tines pointed downward & pitched backward, unit angled at 45 degrees.

Food Plots: (Sod, grass & weeds should be turned over with a plow and left to dry out first). Long tines pointed downward & pitched backward, angled at 0 degrees.

Transport: Un-hitch, flip over onto wheels, re-hitch, angled at 0 degrees.

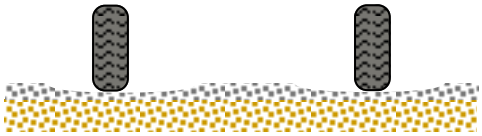
Ratchet Rake LLC 888-850-6070 405 N. East St. Carlisle PA 17013

Grading Driveways: The ATR vs. Other Implements

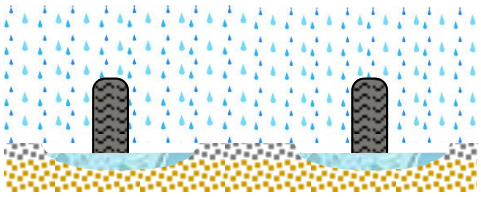
Most pull behind driveway grading devices are constructed with scarifying teeth positioned toward the front of the unit. A material leveling blade then deposits loosened aggregate into the low areas to create a flat surface.

(cross section of driveway)

Even with moderate use, vehicle tires quickly transform the flat surface into a pair of recessed channels.

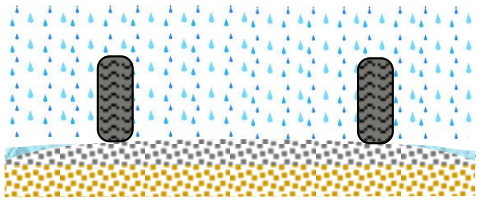


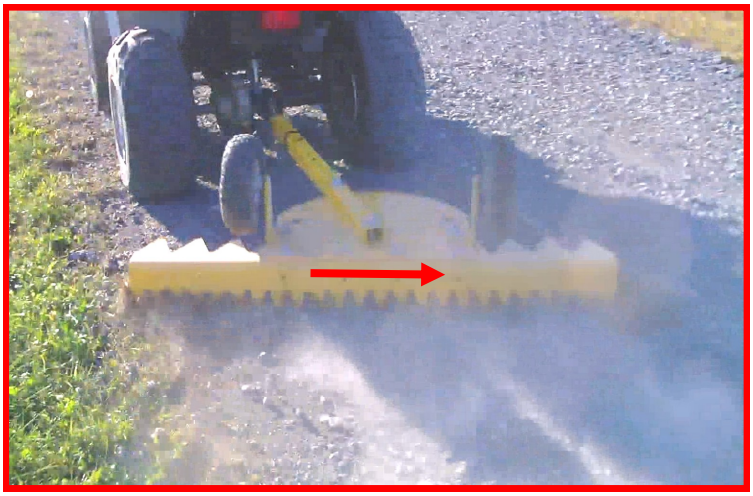
Unfortunately, rain pools in the recessed channels and softens the base material. Vehicle tires traveling over these wet areas soon create potholes.



With the ATR set at 22 degrees, grading material can be moved laterally across the surface to create a crown at the center. Nearly all professionally engineered roads are constructed in this manner.

With the driveway graded higher at the center, rain flows toward the edges.





When set at 22 degrees, the ATR moves grading material from the sides to the center of the driveway.

24 short tines aggressively scrape up then deposit a mixture of fine and course grading material which packs firmly.