

Multipurpose bucket attachment for tractors and skid loaders up to 60hp



Sod & Trenching Shovel

**\*Included:** A claw accessory bolts on the implement at various points and enables it to perform many useful tasks.



Rock & Log Handler



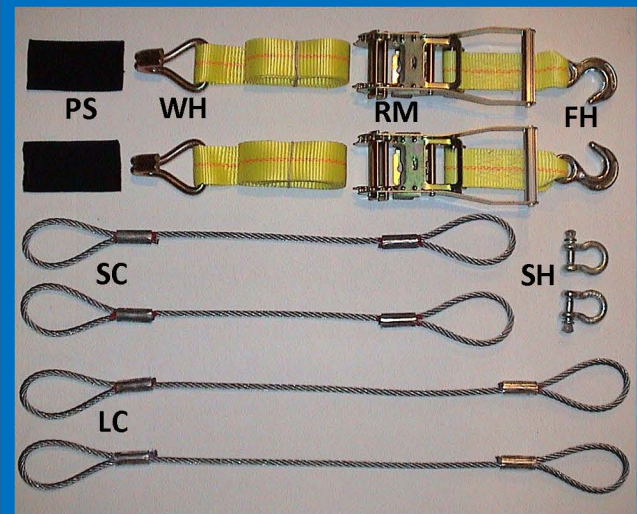
Ripper



Log Skidder



Root & Stump Claw

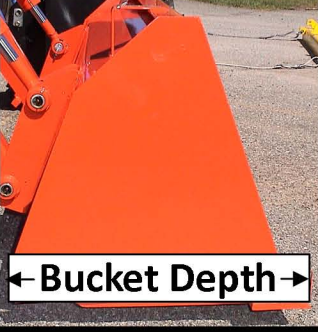


**Connection Hardware**

- PS Protective Sleeve
- WH Wire Hook
- RM Ratchet Mechanism
- FH Forged Hook
- SC Short Cable
- SH Shackle
- LC Long Cable

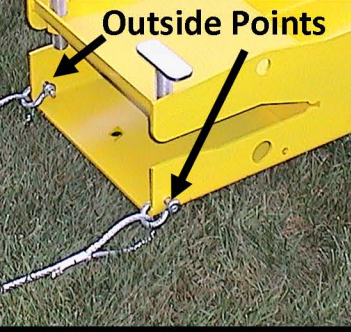


The Rip and Dig quickly attaches with the use of two integrated clamps as well as ratchet straps and steel cables which are routed around the loader bucket. Before installation, you must first measure the depth of your bucket. Use shackles to connect either the short or long sets of cables to the outside or inside points on the implement.

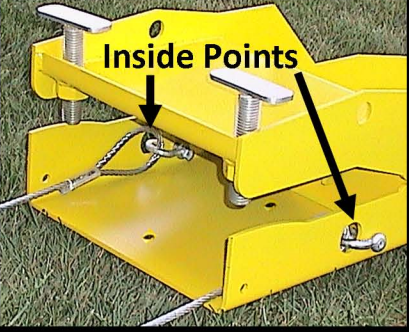


← Bucket Depth →

**\*Cable Sizing**  
**Bucket Depth: 16 to 20 inches**  
use short cable & inside points  
**Bucket Depth: 20 to 28 inches**  
use short cable & outside points  
**Bucket Depth: 28 to 36 inches**  
use long cable & outside points



Outside Points



Inside Points



## Installation

1



Attach short or long cables to implement. (See pg.1 for details)

2



Insert bucket cutting edge into implement. (center on bucket)

3



Insert wire hooks through the end loops of the cables.

4



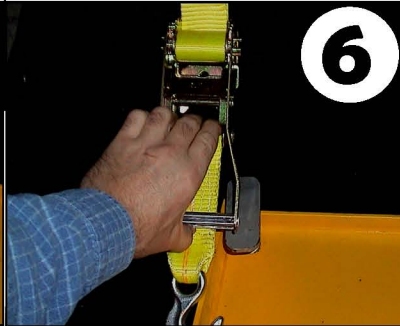
\*On buckets with sharp edges, slide protective sleeves over straps.

5



Route straps around the bucket in a direct line. Insert forged hooks into holes. Tighten ratchets.

6



\*To engage safety lock, Pull latch away from the ratcheting gears & press handle inward.

7



Hand tighten the top mounted clamps.

8



Bolt on claw accessory in the desired position before installing implement on bucket.

## Product Operation (as seen on website video & pictured on page 1)

**Trenching:** When attempting to dig a straight trench, first remove about 4 inches of material along the length of a painted line, then dig to the desired depth. Avoid digging with the implement tilted at over 45 degrees.

**Ripping:** Operate Ripper moving forward at the lowest speed possible. When buried rocks or other obstructions are engaged and the machines tires begin to spin, tilting the implement upward will help loosen the object.

**Skidding Logs:** Operate implement with claw accessory mounted on top & point facing toward the machine. Use with a heavy duty logging chain.

**Rock & Log Handler:** Using the implement for lifting loads out in front of the bucket will lower the machines safe lifting capacity by as much as 50%.

## Product Specifications

Weight with hardware	102 pounds
Maximum digging depth	24 inches
Maximum ripping depth	8 inches
Minimum trenching width	13.5 inches
Minimum ripping width	1.25 inches
Fits bucket edges up to	1.375 inches
Steel thickness of digger	.23 inches
Steel thickness of ripper	.61 inches
Chisel tooth composition	Cr Ni alloy

## One Year Limited Warranty

Ratchet Rake LLC warrants our products to be free from defects in materials and workmanship for the period of one year. We will either repair or replace (at our discretion) any damaged or defective components for the period of one year from the date of purchase. Upon purchase the buyer assumes all liability for personal injury and property damage resulting from the handling, possession or use of this product.

For warranty claims contact us at:

ratchetrake@comcast.net or call: 888-850-6070

The Rip and Dig is imported and distributed by:

Ratchet Rake LLC 405 N. East St. Carlisle, PA 17013

## Safety Precautions

Failure to follow safety precautions may result in serious injury or death as well as damage to property and equipment.

1. Before digging, locate underground utilities (call 811 in USA)
2. Persons should never walk or place body parts underneath the loader bucket during the installation or use of the Rip and Dig.
3. Cut or frayed, ratchet straps should be replaced with comparable 2 inch webbing/hook assembly's with a breaking strength of 10,000 lbs.
4. The Rip and Dig should only be installed on loader buckets that are in good structural condition.
5. A 2 mph speed limit should be observed when using the Rip and Dig in ground that may contain large rocks or other stationary objects.
6. Do not modify implement or use implement for overhead lifting.
7. Inspect all components for damage before and after using.
8. Follow all of your machines manufacturers safety warnings.