



Stone Removal | Litter Collection | Beach Cleaning



# TURF RAKE

## STONE PICKER

GRADES AND CLEANS ROUGH GRADED TOPSOIL

H. Barber & Sons, Inc. | 15 Raytkwich Drive Naugatuck, CT 06770 | [www.hbarber.com](http://www.hbarber.com)

# WHY THE TURF RAKE?

The Barber TURF RAKE cuts costs by quickly and efficiently doing the work that previously required many hours of grueling hand labor. It simultaneously grades the soil and removes the stone leaving a perfect seedbed. It can also be used as a thatcher to revive damaged grass areas by gently scratching the surface, removing stones and dead grass, opening the soil to accept seed, fertilizer, and water.



## What It Does

**GRADES** - Rough, graded or scarified soil

**REMOVES** - Stone, sod, roots, wood, and similar debris from the soil

**AERATES THE SOIL** - leaving a gently harrowed area, prepared for seeding.

## Where It's Used

**SITE WORK** - Residential, commercial, and industrial developments

**GOLF COURSES** - Fairways, greens, driving ranges, and on new or rehabilitation work

**FARMS** - Horse arenas, trails

**RECREATION AREAS** - Ball parks, picnic areas, horse arenas, and race tracks

**WASTEWATER BEDS** - Filtration sites

## Who Uses It

- LANDSCAPE CONTRACTORS

- HORSE FARMS & TRACK MANAGEMENT

- GOLF COURSE BUILDERS & GREENSKEEPERS

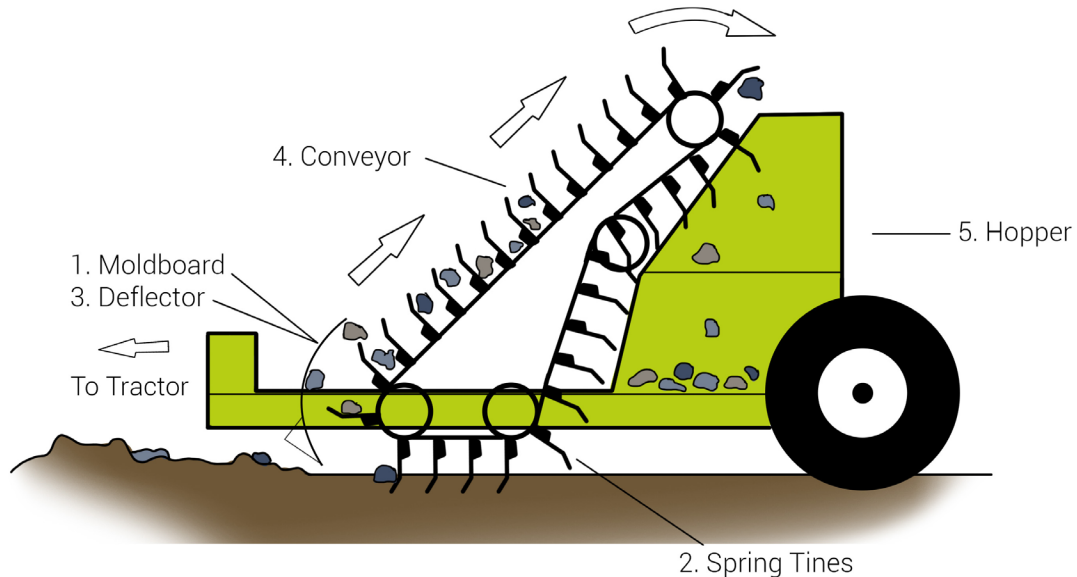
- SITE CONTRACTORS

- PARK DEPARTMENTS

## When It's Used

For your current or next stone & debris removal job, be prepared to do the work quickly and efficiently by getting details on the Barber TURF RAKE now.

# HOW IT WORKS



(1) The **moldboard** levels uneven areas of the soil. (2) **Spring tines** mounted on a 4 or 6 foot wide bar flight conveyor rake the debris from the soil toward (3) an adjustable **deflector** plate (moldboard) which deposits the debris on the (4) elevating portion of the **conveyor** to the (5) hydraulically raised and tripped **hopper**.

Users find the TURF RAKE dependable and easy to operate and maintain. The unique design has been accomplished through the simple expediency of automating the hand raking principle.

## THOROUGH CLEANING

Hundreds of tines mounted in offset rows rake through the soil every second, removing the unwanted debris. Stones as small as 3/8" in diameter to 4" in diameter are removed in one pass.



## EFFICIENT MATERIAL HANDLING

The action of the stainless steel tines in the soil displaces and elevates **ONLY** the unwanted material, depositing it in the hopper for truck loading or stock piling.



# Specifications

MODELS	600HD	400HD	400
HYDRAULIC DRIVE	Completely sealed and protected by full flow filter. Large capacity spline mounted pump, hydraulic motor, flow control and built-in overflow protection	Completely sealed and protected by full flow filter. Large capacity spline mounted pump, hydraulic motor, flow control, and built-in overflow protection	Completely sealed and protected by full flow filter. Large capacity spline mounted pump, hydraulic motor, flow control, and built-in overflow protection
HYDRAULIC FLOW	12 gallons per minute	12 gallons per minute	12 gallons per minute
HYDRAULIC CAPACITY	16 gallons	11 gallons	11 gallons
CYLINDERS	Lift 3 1/2" x 18" single acting Trip 2" x 5" single acting	Lift 3 1/2" x 18" single acting Trip 2" x 5" single acting	Trip 1 1/2" x 10" single acting
CONVEYOR	Alloy steel bar flight type, covered with continuous 6' wide belt and mounted thereon alloy spring tines	Alloy steel bar flight type, covered with continuous 4' wide belt and mounted thereon alloy spring tines	Alloy steel bar flight type, covered with continuous 4' wide belt and mounted thereon alloy spring tines
HOPPER	3 cubic yards	2 cubic yards	1 cubic yard
DUMP HEIGHT	9 feet	9 feet	Ground
TIRES	36 x 13.5 x 15	31 x 13.5 x 15	31 x 13.5 x 15
OPERATING SPEED	Up to 5 miles per hour	Up to 5 miles per hour	Up to 5 miles per hour
CLEANING WIDTH	7 feet	6 feet	6 feet
CLEANING DEPTH	Adjustable to 4"	Adjustable to 4"	Adjustable to 4"
DIMENSIONS	Height: 7'6" Length: 13'1" Width: 7'8"	Height: 7'5" Length: 11'9" Width: 7'6"	Height: 4'5" Length: 9'10" Width: 7'6"
WEIGHT	Approximately 3800 lbs.	Approximately 2700 lbs.	Approximately 1900 lbs.
PAINT	IMRON® Polyurethane enamel	IMRON® Polyurethane enamel	IMRON® Polyurethane enamel
PERFORMANCE	Cleans up to 3 acres per hour	Cleans up to 2 acres per hour	Cleans up to 2 acres per hour
TRACTOR REQUIREMENTS	45 PTO horsepower agricultural type tractor  540 RPM rear PTO, 3 point hitch and remote hydraulic valve with raise hold and float positions. This is a general guideline. Larger or smaller tractors may be used depending on soil conditions.	30 PTO horsepower agricultural type tractor	25 PTO horsepower agricultural type tractor
DEBRIS REMOVED	Stones 3/8" to 4" in diameter, sod, roots, wood, broken glass.		

The manufacturer reserves the right to change the specifications without notice and without incurring obligation. The information contained herein is from data available at the time of printing.

