**turf rake stone picker**

The TURF RAKE stone picker removes stones from scarified soil and expedites a variety of turf restoration & grooming processes. Adapted from the same tine-raking technology as the proven SURF RAKE, the TURF RAKE is a fast and effective stone picker for medium to large areas, like horse arenas, golf course developments, and farms. The TURF RAKE:

Removes stone, rock, sod, roots, sticks and similar debris from soil

Grades rough or scarified soil

Aerates the soil- leaving a gently harrowed area

Tines penetrate the soil digging down to remove buried stones ensuring thick top layer of stone free soil

The Barber TURF RAKE is a tractor-towed stone picker that levels the target area and removes stones & debris from the soil in one pass with its patented tine & sifting conveyor technology. The Barber TURF RAKE cleans and levels in one process, eliminating the need for multiple pieces of equipment. We produce three TURF RAKE models.

The TURF RAKE stone picking machine excels at removing rock and debris from soil to prepare it for multiple applications. Among its stone picking applications the TURF RAKE facilitate horse track and arena maintenance, golf course creation, farm seed bed preparation, and strafing range munitions removal.

**600 HD**

**DIMENSIONS:**

H: 2,3 m  
L: 4,0 m  
W: 2,3 m

**WEIGHT:**

Approximately 1,800 kg

**CLEANING WIDTH:**

2,14 m

**CLEANING DEPTH:**

Adjustable to 15 cm

**OPERATING SPEED:**

8 km/hr

**DEBRIS REMOVED:**

Stones 3/8 in. (,95 cm)  to 4 in. (10 cm) in diameter, sod, roots, wood, branches and broken glass.

**PERFORMANCE:**

Cleans up to 3 acres (12,140 m2/) per hour

**HOPPER:**

2,3 cubic meters (2,000 kg cap.)

**DUMP HEIGHT:**

9 ft (2,75 m)

**CONEYOR:**

Of bar flight type, covered with continuous 6 ft (1,8 m) -wide belt, with stainless steel spring tines mounted on it.

**HYDRAULIC DRIVE:**

Completely sealed and protected by the full flow filter. Large capacity spline mounted pump, hydraulic motor, flow control, and built-in overflow protection.

**HYDRAULIC FLOW:**

12 gal (45 L) / minute

**HYDRAULIC CAP:**

16 gal (61 L)

**CYLINDERS:**

Lift: 3.5 in. x 18 in. single-acting, Trip: 2 in. x 5 in. single-acting

Lift: 8.9 cm x 45.7 cm single-acting, Trip: 5 cm x 13 cm single-acting

**PAINT:**

Dupont IMRON Polyurethane enamel

**TRACTOR:**

45 PTO horsepower agricultural type tractor

**OTHER TRACTOR REQUIREMENTS:**

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.

**400HD**

**DIMENSIONS:**

H: 2,3 m  
L: 3,6 m  
W: 2,3 m

**WEIGHT:**

Approximately 1,225 kg

**CLEANING WIDTH:**

1,8 m

**CLEANING DEPTH:**

Adjustable to 15 cm

**OPERATING SPEED:**

1 to 8 km/hr

**DEBRIS REMOVED:**

Stones 3/8 in. (,95 cm)  to 4 in. (10 cm) in diameter, sod, roots, wood, branches and broken glass.

**PERFORMANCE:**

Cleans up to 2 acres (8,093 m2) per hour

**HOPPER:**

1,52 cubic meters (1,600 kg cap.)

**DUMP HEIGHT:**

2,75 m

**CONEYOR:**

Of bar flight type, covered with continuous 4 ft (1,2 m)- wide belt, with stainless steel spring tines mounted on it.

**HYDRAULIC DRIVE:**

Completely sealed and protected by the full flow filter. Large capacity spline mounted pump, hydraulic motor, flow control, and built-in overflow protection.

**HYDRAULIC FLOW:**

45 L / minute

**HYDRAULIC CAP:**

42 L

**CYLINDERS:**

Lift: 8.9 cm x 45.7 cm single-acting, Trip: 5 cm x 13 cm single-acting

**PAINT:**

Dupont IMRON Polyurethane enamel

**TRACTOR:**

30 PTO horsepower agricultural type tractor

**OTHER TRACTOR REQUIREMENTS:**

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.

**400**

**DIMENSIONS:**

H: 1,4 m  
L: 3,0 m  
W: 2,3 m

**WEIGHT:**

Approximately 860 kg

**CLEANING WIDTH:**

1,8 m

**CLEANING DEPTH:**

Adjustable to 15 cm

**OPERATING SPEED:**

1 to 8 km/hr

**DEBRIS REMOVED:**

Stones 3/8 in. (,95 cm)  to 4 in. (10 cm) in diameter, sod, roots, wood, branches and broken glass.

**PERFORMANCE:**

Cleans up to 8,093 m2 per hour

**HOPPER:**

,75 cubic meters (1,100 kg cap.)

**DUMP HEIGHT:**

Ground

**CONEYOR:**

Of bar flight type, covered with continuous 1,2 m-wide belt, with stainless steel spring tines mounted on it.

**HYDRAULIC DRIVE:**

Completely sealed and protected by the full flow filter. Large capacity spline mounted pump, hydraulic motor, flow control, and built-in overflow protection.

**HYDRAULIC FLOW:**

45 L / minute

**HYDRAULIC CAP:**

42 L

**CYLINDERS:**

Trip: 3.8 cm x 25 cm single-acting

**PAINT:**

Dupont IMRON Polyurethane enamel

**TRACTOR:**

25 PTO horsepower agricultural type tractor

**OTHER TRACTOR REQUIREMENTS:**

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.