

TURF TOW BEHIND MODELS



**HARPER**<sup>®</sup>  
TURF EQUIPMENT

**CLEANER. FASTER. HARPER.**

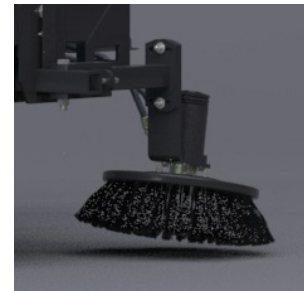
*Turf management solutions with a unique recirculating air system that minimizes dust for a clean sweeping environment.*



# CLEAN AIR ACT.

established 2004

recirculating air by Harper Turf Equipment



## TV40 RE & RH | More bang for your buck

Clear the way with the cleanest and most cost-effective turf vacuum on the market. The TV40 is the preferred model for clearing pine needles, grass clippings, debris and even animal droppings from artificial turf and city parks. Available in PTO or engine driven units, you'll reduce your turf footprint with the TV40's one-pass performance.



Conveniently towed by almost anything and easily navigates into narrow spaces.



The trip-and-latch system comfortably opens the hopper door for easy disposal.

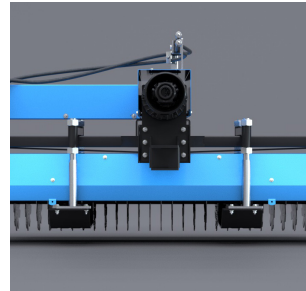
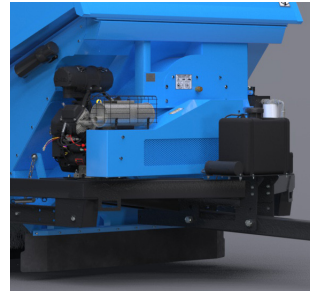


Extend your reach with the 12.5 ft. hose for debris clean up in hard to reach areas. (optional)



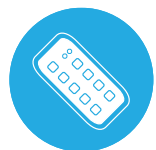
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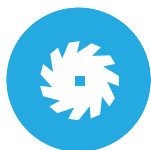


## TV60 RE & RHD | Powerful pick up performance

Designed for large area debris removal, the TV60 is the perfect solution to thoroughly remove grass, leaves, trash and thatch. Improve efficiencies with the 60" wide brush head for continuous and even coverage pass after pass. Up your game and turn a two-man job into a one-man job using the TV60 RHD's verti-cut and vac technology.



Freedom to start, control and unload the hopper at your fingertips.



Remove thatch, sweep and vac in one pass with the solid steel 60" verti-cut rotor. (HD model only)



The TV60 can be pulled by a 40HP tractor or a large utility vehicle.



A heavy-duty gear drive with a #60 double chain ensures power and durability.



Hydraulically operated lift wheels remotely adjust over uneven terrain or sprinkler heads.



Easily adjust the skids for greater precision and less waste per swath.

## VC60 | Thatch has met its match

Bring back proven cultural practices with the VC60 - ideal for verti-cutting, dethatching, renovating and over-seed preparation. Get aggressive without damaging turf, up to one-inch deep, and open the turf canopy for conditioning. With a cut width of five feet, you'll make fewer passes for increased productivity. Extend blade life with optional carbide tipped edges.

# TOW BEHIND SPECIFICATIONS

## TV40 RE & RH | TURBO VAC

<b>Engine:</b>	<i>(TV40 RE)</i> 20 HP Kohler™ gas engine <i>(TV40 RH)</i> None (PTO powered) 20 HP Required
<b>Hydraulics:</b>	<i>(TV40 RE)</i> Belt driven from engine <i>(TV40 RH)</i> Tractor PTO driven
<b>Blower Drive:</b>	<i>(TV40 RE)</i> Double v-belt drive with electric clutch <i>(TV40 RH)</i> Hydraulic motor powered by PTO pump
<b>Blower Fan:</b>	25" dia. abrasion resistant steel with replaceable machined UHMW, poly liner and 1.5" shaft with self-aligned bearings supporting both ends
<b>Blower Discharge:</b>	Access plate for inspection and easy liner replacement
<b>Deck Drive:</b>	Hydraulic motor-direct drive
<b>Hydraulic Oil:</b>	Crown AW46; ISO 46 Hydraulic Oil
<b>Construction:</b>	11 gauge welded and reinforced steel tubing
<b>Bearings:</b>	Greasable bearings and sealed bearings
<b>Hopper Capacity:</b>	4 cubic yards
<b>Wheels/Tires:</b>	4-bolt wheels and (2) 18.5 x 9.5 tires
<b>Controls:</b>	<i>(TV40 RE)</i> Engine, blower and brush controls on machine <i>(TV40 RH)</i> Tractor PTO Controls
<b>Rotors:</b>	13.5" dia. x 52" with adjustable gauge wheels
<b>Discharge:</b>	Mechanical trip-and-latch system from operator's seat
<b>Tongue &amp; Hitch:</b>	Adjustable tongue doubles as pick up height controller
<b>Paint:</b>	Durable 2-part polyurethane
<b>Safety Features:</b>	Minimal dust generated, quiet operation - 90dB, <a href="#">96db RH</a>
<b>Dimensions:</b>	135"L x 64"W x 82"H
<b>Weight:</b>	<i>(TV40 RE)</i> 1,600 lbs. (726 kg) <i>(TV40 RH)</i> 1,820 lbs. (826 kg)
<b>Options:</b>	Brush rotor, rubber finger rotor, curb brush and 8" x 16' remote hose attachment

## TV60 RE & RHD | TURBO VAC

<b>Engine:</b>	<i>(TV60 RE)</i> 23.5 HP EFI engine <i>(TV60 RHD)</i> None (PTO powered) 40 HP Required
<b>Hydraulics:</b>	<i>(TV60 RE)</i> Belt driven from engine <i>(TV60 RHD)</i> Tractor PTO driven
<b>Blower Drive:</b>	<i>(TV60 RE)</i> Dual power-band belt driven with electric clutch <i>(TV60 RHD)</i> Hydraulic motor powered by gear pump
<b>Blower Fan:</b>	25" dia. abrasion resistant steel with replaceable machined UHMW, poly liner and 1.5" shaft with self-aligned bearings supporting both ends
<b>Blower Discharge:</b>	Easy access to blower for liner inspection and replacement
<b>Deck Drive:</b>	<i>(TV60 RE)</i> Hydraulic motor-direct drive <i>(TV60 RHD)</i> Hydraulic motor-chain drive
<b>Hydraulic Oil:</b>	Crown AW46; ISO 46 Hydraulic Oil
<b>Construction:</b>	11 gauge welded and reinforced steel tubing
<b>Bearings:</b>	Greasable bearings and sealed bearings
<b>Hopper Capacity:</b>	7 cubic yards
<b>Wheels/Tires:</b>	6-bolt wheels and (2) 26 x 12 turf tires
<b>Controls:</b>	Wireless remote control from operator seat
<b>Rotors:</b>	<i>(TV60 RE)</i> 17" dia. x 60" with adjustable skids <i>(TV60 RHD)</i> 12" dia. x 60" with adjustable gauge wheels
<b>Discharge:</b>	Hydraulic dump with hydraulic power latches
<b>Tongue &amp; Hitch:</b>	Adjustable height tongue with ball hitch
<b>Paint:</b>	Durable 2-part polyurethane
<b>Safety Features:</b>	Cylinder safety latches, minimal dust generated and quiet operation <i>(TV60 RE)</i> + engine automatically returns to idle while dumping
<b>Dimensions:</b>	164"L x 85"W x 85"H
<b>Weight:</b>	<i>(TV60 RE)</i> 2,300 lbs. (1,043 kg) <i>(TV60 RHD)</i> 2,250 lbs. (1,021 kg)
<b>Options:</b>	Brush rotor, rubber finger rotor and curb brush <i>(TV60 RHD)</i> + verti-cut w/ rubber finger, verti-cut w/ carbide tip



To locate your nearest dealer, visit [harper Turf Equipment.com/find-a-dealer/](http://harper Turf Equipment.com/find-a-dealer/).

## VC60 | VERTI-CUTTER

<b>Drive:</b>	540 RPM PTO to gearbox, double 60# chain to blade shaft with shear bolt slip clutch in the PTO
<b>Thatch Swath:</b>	60" blade-to-blade
<b>Blades:</b>	(31) 10 gauge/11point/12" diameter Corten® steel blades
<b>Blade Spacing:</b>	2" (standard), <i>1.5" (975439) or 2.5" (975426) is optional</i>
<b>Blade Depth:</b>	0"-1" deep
<b>Blades Shaft:</b>	1.5" square steel shaft with heavy-duty jam nut
<b>Blade Shaft Rotation:</b>	Forward rotation
<b>Blade Depth Adj.:</b>	Large jacking bolts on no-maintenance skids
<b>Construction:</b>	All-welded steel construction with three-position adjustable tow bar
<b>Wheels/Tires:</b>	4-bolt wheels and (2) foam-filled 16 x 6.5 x 8 turf tires
<b>Hitch:</b>	Adjustable quick pin tag along
<b>Draw Bar:</b>	Two position adjustable tow bar
<b>Required HP:</b>	25 HP required
<b>Transport System:</b>	Single hydraulic lift cylinder with E-Z ram lock, quick disconnect from tractor auxiliary valve
<b>Dimensions:</b>	62"L x 89"W x 38"H
<b>Weight:</b>	1,000 lbs. (454 kg)