

# WITH A CHERRINGTON MOBILE SCREENER NOTHING STANDS BETWEEN YOU AND THE **PERFECT SEEDBED!**

**In One Pass,  
Cherrington Screens Out  
Roots, Stones, Wood, and Trash...**



**...While Immediately Returning  
Topsoil to the Seedbed!**



**Cherrington Screeners**  
**(701) 952-0226**  
**sales@cherrington.net**  
**www.cherrington.net**



## Features of Models 4500XL/4600XL

- ▶ 3 Bearings on the entire machine - No Idlers, No Pulleys
- ▶ Carbide glide pucks extend life of screen and loading paddles
- ▶ Simple clam-style hopper box No hoist or roll-over chains



Screened soil returns for the perfect seedbed.

Optional pre-screening leveling blade for the final grade before seeding.

Prescreening power roller also available on tractor models to loosen compacted surfaces and old turf for immediate screening.





**Create as much  
topsoil as you need -  
up to 6" (152mm) !**



**Before**

**After**





**One-step productivity,  
prepare 5 to 10 acres a day.**



**Remove roots and sticks  
up to 36 inches (914mm) long**



**Remove stones and rocks from  
1/2" (13mm) to 10" (254mm)  
in diameter.**



**Perfectly Ready,  
“Cherringtonized”  
Seedbed!**



**Cherrington Screeners make a  
perfect, one-step, granular seedbed.**





# PRE-SCREENING POWERED ROLLER

**Cherrington offers an optional pre-screening, powered roller for soil preparation. Designed to loosen rock, roots, sod and old turf for immediate screening and removal while making a perfect seedbed in ONE PASS.**





**Cherrington can take a rough grade and condition, level and screen all the stones for a truly one-step seed bed prep.**

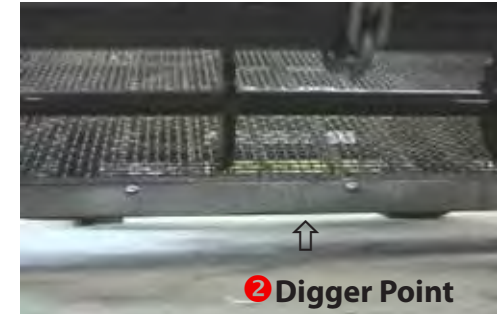
**No need for multiple passes.**



# Cherrington Screeners: The One-Step Seedbed Prep Process

❶ Pre-screening roller (optional): The powered roller with carbide teeth tills and loosens the ground surface to allow easier and deeper soil penetration by the digger point. (see photos on previous two pages)

❷ Digger point engages and digs into the sand up to 6" (152mm) deep. Hydraulic control and locked digger edge give you consistent working depth.



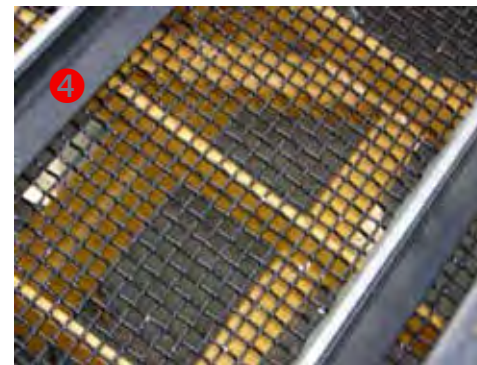
❸ Conveyor loading paddles pull the soil and debris (roots, stones, wood, etc.) up and over the screen.



Cherrington uses long-life, pre-stressed chains and galvanized steel loading paddles for a simple and efficient method of carrying all unwanted debris into the hopper.



❹ The powered, oscillating flat screen returns the screened topsoil immediately to the seedbed while the loading paddles carry the debris to the hopper. ⇨



*Screens are available in a variety of screen-hole sizes and are easily interchangeable to meet the unique challenges of individual jobs.*

(See more detailed information on the following page.)

❺ The hopper is then unloaded into trucks, dumpsters or onto the ground for removal later.







Cherrington's sifting screen uses a high speed hydraulic elliptical motor to produce a short, but intense, movement to the screen.

The screen frame and elliptical motor are mounted on aircraft quality rubber isolators and attached to the screen. These isolators allow the exact amount of movement needed to the sifting screen, but no vibration to the frame.

This innovative system easily screens all types of soil immediately returning the screened topsoil for a perfect seedbed.



**Rubber Isolators**



**Oscillation control valve - select the exact amount of screen oscillation for varying conditions**



**Hydraulic elliptical motor**













# TRACTOR MODELS

	Model 4600XL	Model 4500	Model 4500XL
<b>SPECIFICATIONS</b>		 	
Screening Depth	Up to 6" / 152mm	Up to 6" / 152mm	Up to 6" / 152mm
Screening Width	6' (72") / 1,829mm	5' (60") / 1,524mm	5' (60") / 1,524mm
Rear Grooming Width	9'2" (110") / 2,794mm	9'2" (110") / 2,794mm	9'2" (110") / 2,794mm
Hopper Capacity	2 yd <sup>3</sup> / 1.5 m <sup>3</sup>	1.5 yd <sup>3</sup> / 1.2 m <sup>3</sup> Optional: 1.8 yd <sup>3</sup> / 1.4 m <sup>3</sup>	1.5 yd <sup>3</sup> / 1.2 m <sup>3</sup> Optional: 1.8 yd <sup>3</sup> / 1.4 m <sup>3</sup>
Hopper (Hydraulic) Dump Height	Ground to 8'6" (102") / 2,591mm	Ground dump only	Ground to 8'6" (102") / 2,591mm
Maximum Screening Speed	Up to 15mph / 24 kph	Up to 15mph / 24 kph	Up to 15mph / 24 kph
Tractor Requirements ***High flotation tires and hydrostatic drive are recommended	65-85HP (48-62kW) range 4WD tractor with 540 PTO and Category II, 3 pt hitch	45-70HP (33-52kW) range 4WD tractor with 540 PTO and Category I or II, 3 pt hitch	45-70HP (33-52kW) range 4WD tractor with 540 PTO and Category I or II, 3 pt hitch
Hydraulic Drive	Large capacity, spline mounted pump operates all hydraulic functions. Built-in pressure relief protection	Large capacity, spline mounted pump operates all hydraulic functions. Built-in pressure relief protection	Large capacity, spline mounted pump operates all hydraulic functions. Built-in pressure relief protection
Machine Length	17'8" (212") / 5,385mm	17' (204") / 5,182mm	17' (204") / 5,182mm
Machine Width	9'3" (111") / 2,819mm	8'2" (98") / 2,489mm	8'2" (98") / 2,489mm
Machine Height	7'4" (88") / 2,235mm	6'10" (82") / 2,083mm	7'2" (86") / 2,184mm
Machine Weight	6,660 lb / 2,994 kg	5,400 lb / 2,449kg	5,900 lb / 2,676 kg
Pre-screening Power Roller	Option Available	Option Available	Option Available



# CHERRINGTON SCREENERS - 440 SERIES







Ground dump or High Lift to 5 ft.





# SMALL TRACTOR MODELS

	Model 440	Model 440XL	Model 440R	Model 800
<b>SPECIFICATIONS</b>				
<b>Screening Depth</b>	Up to 4" / 102 mm	Up to 4" / 102 mm	Up to 4" / 102 mm	Up to 3" / 76mm
<b>Screening Width</b>	4' (48") / 1,219mm	4' (48") / 1,219mm	4' (48") / 1,219mm	3' (36") / 914mm
<b>Rear Grooming Width</b>	5'4" (64") / 1,626mm	5'4" (64") / 1,626mm	5'4" (64") / 1,626mm	4'2" (50") / 1,270mm
<b>Hopper Capacity</b>	.5 yd <sup>3</sup> / .4 m <sup>3</sup>	.5 yd <sup>3</sup> / .4 m <sup>3</sup>	.5 yd <sup>3</sup> / .4 m <sup>3</sup>	6.5 ft <sup>3</sup> / .2 m <sup>3</sup>
<b>Hopper (Hydraulic) Dump Height</b>	Ground only	Up to 5' (60") / 1,524mm	Ground only	Manual: Ground (Bagger System Optional)
<b>Maximum Screening Speed</b>	Up to 4 mph / 6 kph	Up to 4 mph / 6 kph	Up to 4 mph / 6 kph	Up to 3mph / 5kph
<b>Tractor Requirements</b> ***High flotation tires and hydrostatic drive are recommended	30-45HP (22-34kW) range tractor with 540 PTO and 3 pt hitch	30-45HP (22-34kW) range tractor with 540 PTO and 3 pt hitch	30-45HP (22-34kW) range tractor with 540 PTO, 3 pt hitch, and one remote hydraulic valve (7-11gpm/31-50 lpm)	Requires tow vehicle (tractor or ATV). Screen system powered by 6.5HP (4.8kW) Gas Honda
<b>Hydraulic Drive</b>	Large capacity, spline mounted pump operates all hydraulic functions. Built-in pressure relief protection.	Large capacity, spline mounted pump operates all hydraulic functions. Built-in pressure relief protection.	Large capacity, spline mounted pump operates all hydraulic functions. Built-in pressure relief protection.	Engine driven hydraulic gear pump
<b>Machine Length</b>	10'8" (128") / 3,251mm	10'10" (130") / 3,302mm	11'8" (140") / 3,556mm	8'8" (104") / 2,642mm
<b>Machine Width</b>	5'9" (69") / 1,753mm	5'9" (69") / 1,753mm	5'9" (69") / 1,753mm	4'3" (51") / 1,295mm
<b>Machine Height</b>	4'10" (58") / 1,473mm	5'7" (67") / 1,702mm	4'10" (58") / 1,473mm	4'4" (52") / 1,321mm
<b>Machine Weight</b>	1,730 lb / 785 kg	2,240 lb / 1,016kg	2,240 lb / 1,016kg	1,150 lb / 522 kg
<b>Pre-screening Power Roller</b>	N / A (See 440R)	N / A (See 440R)	Standard	Not Applicable



# MODELS 5500 AND 5450

## HIGH CAPACITY SELF-PROPELLED






Compact three-wheel design with zero-turn radius for superior maneuverability.







# SELF-PROPELLED MODELS

	Model 5500	Model 5450	Model 3000	Model 950
<b>SPECIFICATIONS</b>				
<b>Screening Depth</b>	Up to 6" / 152mm	Up to 6" / 152mm	Up to 4" / 102mm	Up to 3" / 76mm
<b>Screening Width</b>	5' (60") / 1,524mm	4'6" (54") / 1,372mm	3' (36") / 914mm	3' (36") / 914mm
<b>Rear Grooming Width</b>	9'2" (110") / 2,794mm	9'2" (110") / 2,794mm	5' (60") / 1,524mm	4'2" (50") / 1,270mm
<b>Hopper Capacity</b>	1.5 yd <sup>3</sup> / 1.2 m <sup>3</sup> Optional: 1.8 yd <sup>3</sup> / 1.4 m <sup>3</sup>	1 yd <sup>3</sup> / .8 m <sup>3</sup>	9 ft <sup>3</sup> / .3 m <sup>3</sup>	6.5 ft <sup>3</sup> / .2 m <sup>3</sup>
<b>Hopper Dump Height</b>	Hyd.: 8'6" (102") / 2,591mm	Hyd.: 8'6" (102") / 2,591mm	Hyd.: 5' (60") / 1,524mm	Manual: Ground
<b>Maximum Screening Speed</b>	Up to 8.5 mph / 14 kph	Up to 7.5 mph / 12 kph	Up to 5 mph / 8kph	Up to 2mph / 3kph
<b>Engine</b>	60 HP (45 kW) Turbo John Deere Diesel	60 HP (45 kW) Turbo John Deere Diesel	24 HP (18kW) Kubota Diesel	11 HP (8.2kW) Gas Honda
<b>Hydraulic Drive</b>	Auxillary hydraulic pump driven off engine	Auxillary hydraulic pump driven off engine	Auxillary hydraulic pump driven off engine	Engine driven dual gear pump
<b>Machine Length</b>	17'4" (208") / 5,283mm	15'2" (182") / 4,623mm	9'3" (111") / 2,819mm	8' (96") / 2,438mm
<b>Machine Width</b>	8'1" (97") / 2,464mm	8'3" (99") / 2,515mm	5' (60") / 1,524mm	4'3" (51") / 1,295mm
<b>Machine Height</b>	8' 2" (98") / 2,489mm	7' 10" (94") / 2,388mm	7' (84") / 2,134mm	4'4" (52") / 1,321mm
<b>Machine Weight</b>	9550 lb / 4332 kg	7080 lb / 3211 kg	3,400 lb / 1,542 kg	1,300 lb / 590 kg
<b>Features/Options</b>	All wheel drive, Zero-turn radius Pressurized Cab with A/C, Digital Control	All wheel drive, Zero-turn radius	All wheel drive, Zero-turn radius, Low profile	Wireless Remote Control, Optional Bagger System





**THE PROOF IS IN THE HOPPER**

Cherrington Mobile Screeners can meet your jobsite challenges from landscape or golf course sites to beaches and horse tracks. See the results. Cherrington removes anything larger than the selected screen-hole size: rocks, wood, roots, litter, shells, seaweed, artillery shells, oil slabs, tarballs and more!

**WHAT DO YOU NEED REMOVED FROM YOUR JOB SITE?**

[www.cherrington.net](http://www.cherrington.net) (701) 952-0226

