

Cherrington Beach Cleaners for All Phases of Oil Spill Cleanup

*Model 5000 Spill Cleanup Fleet
Grand Isle, Louisiana
(June 2010 - May 2011)*



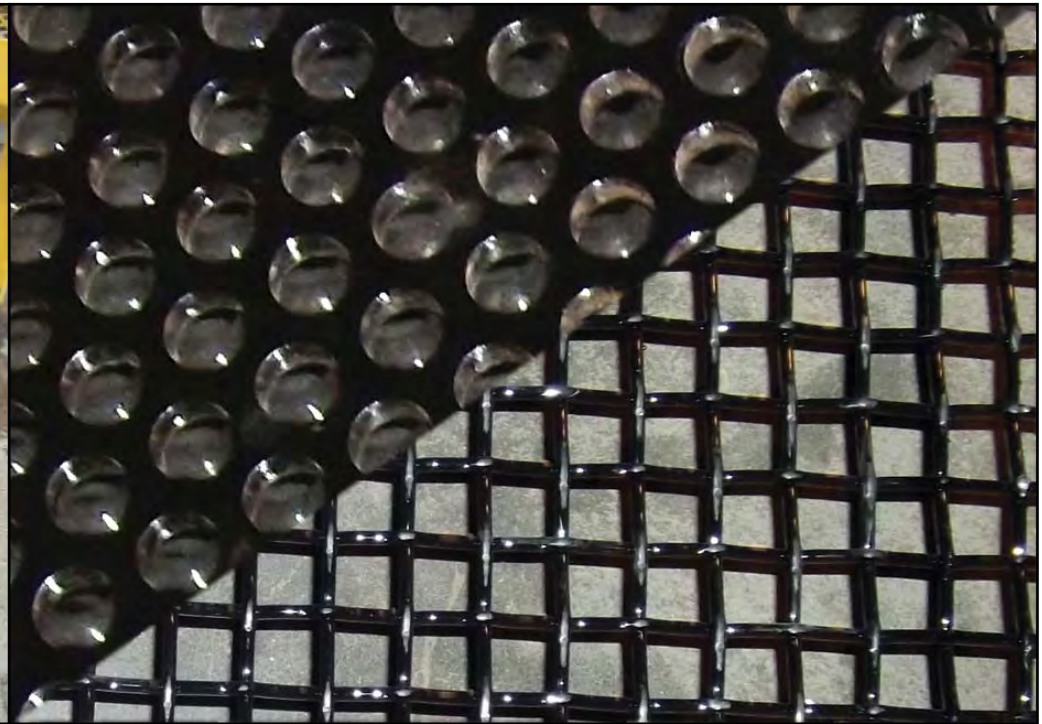
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Cherrington's Innovative Design Makes It The Most Uniquely Adaptable Beach Cleaner for All Phases of Oil Spill Cleanup





1) Digger Point With Infinite, Precise Depth Control (0-6 inches or 15cm)
3) Three-wheel Design, Zero-turn Radius for Ultimate Manueverability



2) Interchangeable Screens (Woven Wire, Perforated, or Solid)
4) Compact Design for Easy Transport on Trailer, Ferry or Barge



Cleanup of Crude in Shallow Water Before It Reaches the Beach Sand



For spill cleanup along the water's edge, the screen frame is fitted with solid steel plates. As the machines are operated in the shallow water along the shoreline, the overhead conveyor system sweeps the crude oil along with the water into the hopper. The crude sinks to the bottom of the hopper while the water flows out over the top.

Remove Oil Slabs and Tarballs Along the Shoreline and in Tidepools



Pooled oil and contaminated wet sand along the shoreline is skimmed off and loaded into the hopper.

The compact size of the self-propelled Model 5000 and the absence of tow vehicle pivot point at the hitch allow the Model 5000 to follow surface contours without gouging and to skim off the precise amount of oil or contaminated sand.





The Cherrington Model 5000's three-wheel, self-propelled design allows for excellent operator visibility of the digger point and loading paddles. The operator can quickly and easily adjust the cleaning depth as needed.





The Model 5000 skims off and loads contaminated sand and tarballs into the hopper for unloading into trucks using the 8.5 ft (2.6 m) high lift or onto the ground in piles for processing later in a sand wash system.



Skim Oil Slabs and Patties From Dry Sand

The Model 5000 is designed with depth control stops to allow the operator to hold a precise cutting depth for skimming off a layer of sand between 1/4" and 6" (6mm and 152mm) deep.

Unlike loaders and other heavy equipment, the Model 5000 has a soft footprint and leaves a level, groomed surface behind.





BEFORE



DURING

The digger point is set from 0-6 inches (0-152 mm) deep to precisely skim away only the oil slabs and leave the uncontaminated sand. The loading paddles carry the oil and soaked sand into the hopper and the groomer leaves the surface leveled and groomed.



DURING



AFTER



Cherrington Beach Cleaners were originally designed to separate debris from sand surfaces. When operated in standard operating mode, the Cherrington lifts the sand and debris up onto the woven wire screen.

The screen bed oscillation (which is turned off when skimming oil slabs) aids in separation as the sand falls clean and fluffy back to the surface while the tarballs and all other debris larger than the selected screen-hole size are loaded into the hopper.




Woven wire screens are available from 1/4" (6mm) to 1" (25mm) screen hole size.




Cherrington collects tarballs of all sizes. Tarballs collected at Grand Isle (shown here) ranged from large fist-size, down to pea-size.



Optional Equipment: Brush Attachment and LED Lights



For those times when project specs require tarballs less than 1/4" (6mm) to be removed, Cherrington offers a Brush Attachment to essentially grind up the tiny tarballs and leave behind a powder soft, screened clean beach.



The Model 5000 comes standard with halogen night running lights. Cherrington also offers an LED package which offers higher intensity lumination. The machines working around the clock in Grand Isle, LA (2010) were equipped with LED lights.



Demonstrated here with the groomer removed for illustrative purposes only.



**From Oil Spill
Response to Post
Storm Recovery,
You Can't Miss with
Cherrington.

THE PROOF IS IN
THE HOPPER.**



**Cherrington Offers a Full-Line of Beach Cleaners
From Self-Propelled to Tractor Models; High Capacity to Compact -
All Cherringtons Give You Screened Clean Results!**



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