

To: 分机 2587 桑'S

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工: 金門縣農林局 文發



## SPECIFICATIONS

### 2013 Cherrington Model 5000 Beach Screener

The 2013 Cherrington Model 5000 Beach Cleaner is a three-wheel hydrostatic drive, zero turn, self-propelled sand screener with a slanted oscillating sifting screen. It will lift the sand and consistently separate out beach debris, while putting the cleaned, screened, and sanitized sand back onto the beach.

*A certified R.O.P.S. canopy is standard. An enclosed air-conditioned operator cab is available as an option.*

**Cleaning system:** The machine has a rigid slanted oscillating screen which effectively separates a complete range of seaweed, trash, cigarette filters, rock and debris from sand or soil. The leading screen edge is capable of being lowered into the sand from 0 to 6 inches (up to 152 mm) deep, fully controlled hydraulically by the operator while the machine is in motion. Loading paddles carry the debris into the onboard hopper and the sand is sifted through the screens and back to the surface.

**Screens:** The rigid slanted screen is made of oil tempered hardened woven wire, is interchangeable and available in various hole sizes. The screen is mounted on a zinc-primed and two-part polyester coated screen frame and attached with nickel-plated grade 5 carriage bolts.

The following screen will be provided with the Beach Cleaner:

3/4" (19mm) Square holes, oil tempered hardened woven wire.

1/2" (13mm) Square hole, oil tempered hardened woven wire (fine screening) .

In addition, the following screens are available:

5/8" (16mm) Square hole, oil tempered hardened woven wire (high speed screening)

3/8" (9mm) Square hole, oil tempered wire screen and solid digger points (finest screening)

3/4" (19mm) Round hole, perforated steel (rock, all-purpose screening)



**Leading Edge:** The leading edge is a separate piece fabricated of high carbon steel. The leading edge and screens may be activated to move in an elliptical oscillating pattern in order to facilitate separation. There is an open front design in order to easily retrieve seaweed and larger objects (there is no moldboard, which prevents adequate clearance to retrieve seaweed and large objects.).

**Loading Flight Paddles:** There are 26 loading flight paddles which are bolted to two heavy-duty steel chains. They are constructed of AR220 abrasion resistant steel and are hot dip galvanized.

**Groomer:** A 110" (2,794 mm) groomer bar grooms and covers the wheel tracks while leaving an aerated and groomed finish. It may be operated automatically with the leading edge or independently, to allow grooming without cleaning.

**Engine:** The machine is furnished with a liquid cooled diesel engine of 4 cylinders producing 60 horsepower. Total displacement 2,400 c.c. The engine is of adequate size to propel the machine with all power accessories in operation. The fuel system includes a water separator mounted at the engine to prevent condensed water in fuel lines from entering the injection systems.



**Hopper:** The rollover dump hopper has a capacity of one cubic yard. It is hydraulically activated by the operator to dump anywhere from ground height to eight feet six inches high and has an adequate reach to empty into dumpsters and trucks. The hopper has a spray on polyurethane liner to eliminate rusting.

**Operator Controls:** The operator is provided with a shock absorbing high quality ergonomic suspension seat located for clear visibility of the entire work area, the screen's leading edge (digger point), oscillating screens, and forward motion of the machine. All functions are easily controlled by the operator from a seated position. There is a safety, operator presence, switch built into the operator's seat to disable the engine unless the operator is seated.

**Conveyor Chain:** Chrome plated, solid pin conveyor chain for four-five times longer life, less maintenance and quiet operation.

**Drive System:** The closed loop hydrostatic drive transmission transmits variable speed forward and reverse power to all wheels. A separate fixed displacement pump provides power to the hopper hoist and dump, depth control cylinder, screen oscillator motor, and conveyor motor for the loading flights. The speeds of the two motors can be varied. They can also be stopped or reversed as needed.

**Paint:** All metal surfaces are grit-blasted, powder coated with corrosion resistant zinc rich epoxy primer, then top coated with super durable, chemical and abrasion resistant polyester top coat powder that is baked to a final thickness of 4-5 mils. Top coat is TGIC free. Standard color is Sand yellow. Flights and groomer components are hot dip galvanized.

**Wheels and Tires:** The machine has one front and two rear wheels. Power steering is on the front wheel for best maneuverability. All tires are of a minimum size 38" x 14" high flotation. Reverse mounted flat profile barred tires provide flotation, stability, and traction in sand. Each tire can be fluid filled for added traction and/or lowered center of gravity. Tire air pressure can be reduced for greater traction and flotation.

Length: 182" (4,620 mm)

Width: 99" (2,510 mm)

Height: 94" (2,390 mm)

Weight: 7,200 pounds (3,272 kg)

Cleaning width: 54" (1,370 mm)

Grooming width: 110" (2,794 mm)

Hopper capacity: One cubic yard (0.76 cu meters)

Dump height: 102" (2,600 mm)

Ground clearance: 6"-8" (152 – 203 mm)

Cleaning depth: 0-6" in varying applications (up to 152 mm)

Operating Speed: Up to 7.5 mph (up to 12 km/hr)

Turning radius:  $\leq$  236" (6,000 mm)



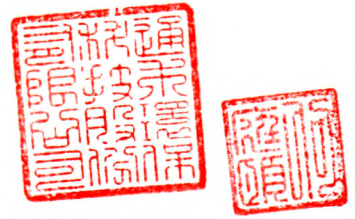
**Safety Features:** The machine has the following safety features included on the machine in accordance with current standards. The machine is in conformance with European CE requirements.

1. Safety guards and shielding.
2. Neutral start switch.
3. Audible moving vehicle warning signal and safety beacon.
4. Automatic ("fail-safe") parking brake – automatically engages when operator leaves the seat or the engine is shut off.
5. Emergency stop switch built into the seat.
6. Certified R.O.P.S. & F.O.P.S. Canopy.



### Other Features:

1. Engine hour meter / tachometer
  2. Fuel gauge
  3. Engine temperature gauge
  4. Engine oil pressure gauge
  5. Voltmeter gauge
  6. Hydraulic oil level and temperature gauge
  7. Locking cap on fuel tank
  8. Four working lights (front and rear)
  9. Towing lockout which enables the machine to be towed short distances in the event of engine failure
  10. Master switch allows a switched battery disconnected for service or storage
- Manufacturer's Identification: A durable identification plate stating the manufacturer's name, location, model, and other suitable information to identify the Beach Cleaner for parts or repair is permanently attached to the frame.



**Materials:** All materials, parts and assemblies are new and are of current manufacture. Workmanship, fabrication and assembly are in conformance with standard manufacturing and engineering practices. Bolts are of sufficient length to assure a full thread nut. All bolts are fitted with self-locking nuts or with lock washers. All welds and welding practices conform to the latest American Welding Society Standards.

## CHERRINGTON BEACHCLEANERS MODEL 5000

SELF-PROPELLED, ALL WHEEL DRIVE,  
ZERO-TURN DESIGN FOR  
SUPERIOR MANEUVERABILITY AND TRACTION

The Cherrington Model 5000 offers high capacity and speed for large beach maintenance as well as the ability to clean quickly and efficiently around cabanas or trees.

Cherrington's exclusive Lift and Screen system provides you with the most effective precision beachcleaning available.



Cherrington's Lift and Screen System = Results



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



Trash, stones, shells, sticks, and seaweed - everything larger than the screen hole size are screened out and collected into the Cherrington Model 5000's 1 cubic yard hopper for easy dumping.

**Cherrington Enterprises Inc.**

PO Box 2135 Jamestown, ND 58402 USA  
Tel: 701-952-0226



PACKING LIST				
<b>Export References:</b> Invoice #: S004670 017239		<b>Documentary Credit Number:</b> INT260081/1144 <b>Bank:</b> FIRST COMMERCIAL BANK 4F 30 CHUNG KING S RD SEC 1 P.O. BOX 395 TAIPEI, TW 100 <b>Issue Date:</b> 4-Mar-13		
<b>Exporter Name and Address:</b> CHERINGTON ENTERPRISES INC. 1805 2ND AVENUE SW PO BOX 2135 JAMESTOWN, ND 58402 USA TEL/FAX: 1 701 952 0226/0227		<b>Consignee Name and Address:</b> WATSON INTERNATIONAL CO., LTD. 惠仁實業股份有限公司 2F, NO. 28, NANKING EAST ROAD, SECTION 3 TAIPEI, TAIWAN TEL: 886-2-25070756		
<b>Purchase Order No:</b> AT-201312 <b>Currency:</b> USD <b>Transportation:</b> OCEAN <b>Freight:</b> PREPAID <b>Term of Delivery:</b> CIP BY SEA FREIGHT TO PORT KEELUNG, TAIWAN		<b>Total number of Packages:</b> ONE CONTAINER 8/1C 7 PIECES <b>Total Gross Weight (Lbs):</b> <b>Total Cubic Meters:</b> 45 CUBIC METERS		
Line No	Item Number, Harmonized Number, Product Description	Order Quantity	Shipped Quantity	Country of Origin
1	CIP KEELUNG, TAIWAN ONE UNIT 2013 CHERINGTON MODEL 5000 BRUSH CLEANER WITH ACCESSORIES DETAILS: 34" SCREEN INSTALLED, 1/2" AND 34" SCREENS INCLUDED 2 SOLID DIGGER POINTS INCLUDED TOOL KIT HS CODE: 8705.90 MACHINE SN: 54ABD201 ENGINE SN: FB4024R115773 CHASSIS NO: 54ABD201 YEAR OF MANUFACTURE: 2013	1	1	USA
C.I.P. PORT KEELUNG, TAIWAN, PER INCOTERMS 2010.				
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2.分期付款(無者免填)：

(1) 契約分期付款為契約價金總額\_\_\_\_%(由機關於招標時載明)，其各期之付款條件：\_\_\_\_\_(由機關於招標時載明)

(2) 分期付款於條件具備，經廠商提供預付款還款保證，經機關核可後在\_\_\_\_日內(由機關於招標時載明)撥付。

3.分批付款(由機關視需要於招標時載明，無者免填)：

☐分批交貨，分批付款。

☐得分批交貨，但全部批數交貨完畢後付款。

4.訓練費之付款(由機關視需要於招標時載明，無者免填)：

☐訓練完成後付款。

☐其他。

5.安裝測試費之付款(由機關視需要於招標時載明，無者免填)：

☐安裝測試完成後付款。

☐其他。

6.驗收後付款：契約驗收後付款為契約價金總額 100 %(由機關於招標時載明)，於驗收後 10 日(由機關於招標時載明)內撥付。

7.其他付款條件：\_\_\_\_\_

8. 廠商履約有下列情形之一者，機關得暫停給付契約價金至情形消滅為止：

(1) 履約實際進度因可歸責於廠商之事由，落後預定進度達\_\_\_\_%(由機關於招標時載明)以上者。

(2) 履約有瑕疵經書面通知改善而逾期未改善者。

(3) 未履行契約應辦事項，經通知仍延不履行者。

(4) 廠商履約人員不適任，經通知更換仍延不辦理者。

(5) 其他違反法令或契約情形。

9.物價指數調整(無者免填)：

(1) 履約進行期間，如遇物價波動時，得依行政院主計處公布之物價指數\_\_\_\_\_(由機關載明指數名稱)，就漲跌幅超過 5% 之部分，調整契約價金(由機關於招標時載明得調整之標的項目)。

(2) 適用物價指數基期更換者，其換基當月起完成之履約標的，自動適用新基期指數核算履約標的調整款，原依舊基期指數結清之履約標的款不予追溯核算。每月公布之物價指數修正時，處