



Cherrington Screeners and Beachcleaners
 1805 2nd Avenue SW ~ PO Box 2135 ~ Jamestown, North Dakota 58402 USA
 Tel: 701-952-0226 ~ Fax 701-952-0227 ~ sales@cherrington.net

US Standard Measure/
Metric

SPECIFICATIONS BY MODEL

Model Number:	SELF-PROPELLED MODELS		TRACTOR MODELS			COMPACT MODELS	
	5000	3000	4600XL	4500 / 4500XL	440 Series	950	800
Length	15'2" (182") <i>4,620 mm</i>	9'3" (111") <i>2,820 mm</i>	17'4" (208") <i>5,283 mm</i>	17' 204" <i>5,230 mm</i>	440: 10'8" (128"), 440XL: 10'10" (130"), 440R: 11'8" (140") <i>3,250 mm, 3,300 mm, 3,550 mm</i>	8' (96") <i>2,438 mm</i>	8'8" (104") <i>2,640 mm</i>
Width	8'3" (99") <i>2,510 mm</i>	5' (60") <i>1,520 mm</i>	8'2" (98") <i>2,490 mm</i>	8'2" (98") <i>2,490 mm</i>	5'9" (69") <i>1,750 mm</i>	4'3" (51") <i>1,295 mm</i>	4'3" (51") <i>1,295 mm</i>
Height	7'10" (94") <i>2,390 mm</i>	7' (84") <i>2,130 mm</i>	7'4" (88") <i>2,235 mm</i>	4500: 6'10" (82"), 4500XL: 7'2" (86") 4500: 2,100 mm, 4500XL: 2,200 mm	440R: 4'10" (58"), XL: 5'7" (67") <i>1,470 mm, 1,700 mm</i>	4'4" (52") <i>1,321 mm</i>	4'4" (52") <i>1,321 mm</i>
Weight	7200 lb <i>3272 kg</i>	3400 lb <i>1542 kg</i>	6540 lb <i>2,973 kg</i>	4500: 5400 lb, 4500XL: 5900 lb <i>4500: 2455 kg, 4500XL: 2682 kg</i>	440 1730 lbs,R/XL: 2240 lbs <i>440: 785 kg, R/XL: 1016 kg</i>	1300 lb <i>590 kg</i>	1150 lb <i>429 kg</i>
Front Leveling Blade Width	Not Applicable	Not Applicable	6'9" (81") <i>2,057mm</i>	8'1" (97") <i>2,470 mm</i>	Not Applicable	Not Applicable	Not Applicable
Cleaning (Screen) Width	4'6" (54") <i>1,370 mm</i>	3' (36") <i>910 mm</i>	6' (72") <i>1,830 mm</i>	5' (60") <i>1,520 mm</i>	4' (48") <i>1,220 mm</i>	3' (36") <i>910 mm</i>	3' (36") <i>910 mm</i>
Cleaning Depth	Up to 6" <i>Up to 152 mm</i>	Up to 4" <i>Up to 100 mm</i>	Up to 6" <i>Up to 152 mm</i>	Up to 6" <i>Up to 152 mm</i>	Up to 4" <i>Up to 100 mm</i>	Up to 3" <i>Up to 76 mm</i>	Up to 3" <i>Up to 76 mm</i>
Rear Grooming Width	8'6" (102") <i>2,591 mm</i>	5' (60") <i>1,520 mm</i>	9'2" (110") <i>2,794 mm</i>	9'2" (110") <i>2,794 mm</i>	5'4" (64") <i>1,630 mm</i>	4'2" (50") <i>1,270 mm</i>	4'2" (50") <i>1,270 mm</i>
Standard Screen Size *	3/4" <i>19 mm</i>	1/2", 5/8", 1" <i>13 mm, 16 mm, 25 mm</i>	1/2", 3/4" <i>13 mm, 19 mm</i>	1/2", 3/4" <i>13 mm, 19 mm</i>	1/2", 3/4" <i>13 mm, 19 mm</i>	1/2", 3/4" <i>13 mm, 19 mm</i>	1/2", 3/4" <i>13 mm, 19 mm</i>
Hopper Capacity	1 cu yd <i>.76 cu meters</i>	1/3 cu yd <i>.26 cu meters</i>	2 cu yd <i>1.53 cu meters</i>	1.5 cu yd (1.75 cu yd optional) <i>1.1 cu m (1.31 cu meter opt.)</i>	.5 yd <i>.38 cu meters</i>	6.5 cu ft <i>.18 cu meters</i>	6.5 cu ft <i>.18 cu meters</i>
Hopper Dump Height	8' 6" (102") - Hydraulic <i>2,600 mm - Hydraulic</i>	5' (60") - Hydraulic <i>1,520 mm - Hydraulic</i>	8' 6" (102") - Hydraulic <i>2,600 mm - Hydraulic</i>	4500 Ground, 4500XL: 8' 6" (102") <i>4500 Ground, 4500XL: 2,600 mm</i>	440/R Ground, XL: 5' (60") <i>440/R Ground, XL: 1,520 mm</i>	Ground <i>(Manual)</i>	Ground <i>(Manual)</i>
Performance Range**	3 - 7 acres/hour <i>1.2 - 2.8 hectares/hour</i>	1 1/2 - 2 acres/hour <i>.6 - .8 hectares/hour</i>	3 - 9 acres/hour <i>1.2 - 3.6 hectares/hour</i>	3 - 7 acres/hour <i>1.2 - 2.8 hectares/hour</i>	1/2 - 2 acres/hour <i>.2 to .8 hectares/hour</i>	1/4 - 1/2 acres/hour <i>.1 - .2 hectares/hour</i>	1/4 - 1 acres/hour <i>.1 - .4 hectares/hour</i>
Maximum Cleaning Speed**	Up to 7.5 mph <i>Up to 12 km/hr</i>	Up to 5 mph <i>Up to 8 km/hr</i>	Up to 15 mph <i>Up to 24 km/hr</i>	Up to 15 mph <i>Up to 24 km/hr</i>	Up to 4 mph <i>Up to 6 km/hr</i>	Up to 2 mph <i>Up to 3 km/hr</i>	Up to 3 mph <i>Up to 5 km/hr</i>
Powered by:	60 HP (45 kW) 2400rpm John Deere Diesel Engine	24 HP (18kW) Kubota Diesel Engine	Requires Tractor 65-85 HP (48-62kW) range 4WD with 540 PTO and Category II, 3 pt hitch	Requires Tractor 45-70 HP (33kW- 52kW) range 4WD with 540 PTO and Category I or II, 3 pt hitch	<u>Model 440R</u> Requires 30-45 HP (22- 34kW) Tractor with 3 pt hitch and one remote hydraulic valve, 7-11 gpm <u>Model 440/XL</u> Requires 30-45 HP (22- 34kW) Tractor with 3 pt hitch and 540PTO	11 HP (8.2kW) Honda Gas Engine	Requires Small tractor or tow vehicle. Self-powered 6.5HP (4.8kW) gas Honda powers screen system.
Hydraulic Drive Method:	Auxillary hydraulic pump driven off engine	Auxillary hydraulic pump driven off engine	Large Capacity, spline mounted pump operate all hydraulic functions. All models have built-in pressure relief protection			Engine driven dual gear pump	Engine driven hyd. gear pump
Tow Vehicle Requirements	Not Applicable	Not Applicable	Flotation tires are recommended and hydrostatic drive preferred. Note that sand and soil surfaces can vary, and all tow vehicles must have sufficient traction and flotation for the particular sand or application in which they operate.				

* Other screen sizes are available and may be added or substituted.

** For estimating purposes only - Area screened is calculated at 80% efficiency to account for required turns, etc, and may actually be more or less. Other variables, such as sand, soil, debris content, distance for unloading, and operator experience will also need to be considered when estimating actual screening performance under specific conditions.

Cab option available on Model 5000, contact us for details.

Cherrington reserves the right to change these specifications without notice.

Rev 10/18/11

Contact us for additional information on any Cherrington Screener!