

Surface Hog™ Surface Cleaner

1 Surface Hog™ Overview and Specifications

1.1 Model Overview



Illustration Disclaimer: This picture is for illustration purposes only, and does not necessarily represent the exact equipment and/or parts being purchased in this Proposal. Components may be added or changed to enhance model performance. It is the Buyer's responsibility to confirm that the equipment and/or parts listed in the Proposal Summary correctly reflect the equipment and/or parts being purchased by the Buyer in the Proposal.

The Surface Hog™ Pavement Cleaner quickly and completely removes all types of dirt and debris from asphalt, concrete and other solid surfaces with the least amount of negative impact to the surface. The Surface Hog™ does its work using a variety of hydraulically rotated nozzle configurations up to 2,000 RPM's and a powerful vacuum recovery system, called the Hog Fan™ which leaves the surface clean and almost dry. The Surface Hog™ has the capability to reuse spent water through a multi-stage filter process, which allows the machine to keep working for longer operation periods. Resulting dry debris is then quickly dumped into one big clump that easily falls from the open air tank.

The Surface Hog™ is a compact surface cleaner mounted on an Isuzu NRR or equivalent chassis.

Equipped with a new water filtration and vacuum recovery system, The Surface Hog™ separates the water from the debris so that the debris is disposed of nearly dry; while the water is filtered to 20 micron, to return to the pump in the recycling process. The ingenious design of this compact unit is that it needs no enclosed vacuum tank. Once the bag is full, it is manually dumped along the work site in small, easy to manage loads. The dirty water is continually pumped back into the clean water tank for recycling, or it also can be continuously drained alongside the work area on either side of the truck.



1.2 Surface Hog™ Advantages



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| • Surface cleaning widths up to 38" |
| • Separate hand wand available for detail work |
| • Cab with 180° visibility for safety and ease of operation |
| • Cab temperature control for all-season operation |
| • Quiet cab design |
| • Efficient diesel motor for cost effective, long operation |
| • Extremely tight turning radius of 16' |
| • Water reclamation system allows for 3-4 hour run time. (Estimate based on moderately dirty areas) |
| • Zero discharge, total reclamation, water filtration system |
| • Up to 7,250 PSI |





1.3 Surface Hog™ Specifications

**If you are an international customer, some chassis options might not be available. Please speak to your sales representative for more information.*

▪ Water Capacity:	610 gallons (2,309 liters) Stainless Steel
▪ Debris:	132 gallons (499 liters) All Stainless Steel
▪ Blasting Width:	38" single blasting head
▪ Blasting Head:	Dual Tip – 0-25 degree, Hydraulic Rotation
▪ Blasting Arm:	Two Axis – Hydraulic Lift, Hydraulic Rotation
▪ Skid Engine:	Diesel, Liquid Cooled, Turbo (125 HP)
▪ High Pressure Pump:	3 Piston pump 7,000 psi (482 bar), 5.3 gpm (20.06 lpm)
▪ Hog Fan:	3500cfm @ 50in.- H20 (99 m3m @1.27m), Hydraulically Driven
▪ Hydraulic Pump:	Auxiliary engine driven
▪ Drive:	Hydrostatic Drive available
▪ Hydraulic Capacity:	50 gal. dual fan cooling
▪ Hydraulic Control:	Interchangeable Stackable Valves
▪ In Cab Controls:	Charge Pump on/off, High Pressure Water on/off, High Pressure Pump on/off, Rotation on/off, Vacuum Blower on/off, Engine start/stop.
▪ Filtration:	20 um pleated filter
▪ Water Recycling:	Yes, Target 3 – 4 hrs. Operation
▪ Overall Height:	98"
▪ Chassis:	ISUZU NRR 109in. wheel base (or your choice)
▪ Truck Engine:	Isuzu 4HK1-TC turbocharged intercooled diesel, 5.2L 215hp, 452lb.-ft. torque
▪ Transmission:	Aisin A465 6-speed auto. with double overdrive and lock-up 2nd-6th gears
▪ Axle Capacity:	7,275lbs. Front, 14,500lbs. Rear GVWR 19,500lbs.
▪ Turning Diameter:	38.7ft Wall-To-Wall 16ft. Radius
▪ Ladder:	Ladder provided to access top of unit/tank.





2 Delivery Terms

Production will commence upon receipt of the last page of this proposal signed and initial deposit. Generally, production is completed within one hundred and twenty (120) days and the completed chassis will be released from our facilities when the final payment is received, unless otherwise agreed upon. **An expedited delivery date can be purchased for every week sooner than the standard delivery time. Please ask your sales representative for a custom quote if a quicker than normal delivery date is needed.**

Furthermore, delivery is subject to the understanding that Hog Technologies will not be held responsible for delays or non-performance caused by strikes, riots, sabotage, material shortage, priorities, acts of God, the public enemy, the Government or its agencies, delays in common carrier, war, or any other cause beyond the control of Hog Technologies that may involve us or our suppliers.

If outside the U.S.A, shipping generally takes between thirty (30) to sixty (60) days from port to port. Furthermore, delivery is subject to the understanding that Hog Technologies will not be held responsible for delays or non-performance caused by strikes, riots, sabotage, material shortage, priorities, acts of God, the public enemy, the Government or its agencies, delays in common carrier, war, or any other cause beyond the control of Hog Technologies that may involve us or our suppliers.

FOB 3170 SE Slater Street, Stuart, FL 34997. Buyer assumes all responsibility and liability for shipping and all related costs, which may include but is not limited to disassembly, packaging, crate preparation, loading, transport, warehouse fees, unloading, forklift rental, and handling. Prices become fixed upon our acceptance of your purchase order unless escalation terms are included and mutually agreed upon in writing.

Hog Technologies at the time of acceptance of this proposal will give the customer an estimated delivery date. This estimated date will greatly depend upon the quoted date Hog Technologies receives from the chassis dealer(s). Any delays in the delivery of the chassis caused by the chassis dealer are beyond Hog Technologies control. To this end, we discourage the customer from scheduling jobs based on this estimated date and encourage the customer to wait until Hog Technologies can provide a more firm delivery.

If a shipping rate is provided to the customer, the rate shown shall be in effect as specified by the Effective Date and Expiration Date as listed above. When a shipment moves outside the parameters of this quote, it must be requoted at actual time of shipping. If the shipping amount increases, the customer agrees to take responsibility for any additional charges WT may incur.

3 Training

Once the Surface Hog unit is received and ready for operational training; pictures of the unit on location must be sent to training@hogtechnologies.com. Upon receipt, all travel logistics will be completed and the training schedule confirmed. Each training option may be conducted at the Hog Technologies headquarters in Stuart, Florida, USA, or at the customer's location. Travel expenses incurred when traveling to the customer's location will be billed to the customer at cost, once the training is complete.

Initial training on the Surface Hog will be for up to 4 people, whether operator or mechanic, for 2 days. Beyond 4 people, there will be an additional fee of \$1,200 per person to accommodate a larger class and resulting extended schedule. A shift supervisor may attend all or part of the class event. Besides a designated shift supervisor, persons not intended to receive a Certificate of Completion may not attend the class in total or any portion, without preauthorization of the trainer. Hog Technologies will provide training manuals and materials for the amount of people specified to participate in the training. We can supply additional manuals upon request. The fee is \$75.00 per manual.

The customer may choose the location for the training whether it is at the Hog Technologies headquarters in Stuart, Florida, or at the customer's designated location. If the customer's designated location is chosen, the customer agrees to reimburse Hog Technologies for the trainer's airfare, lodging, rental car and travel time.

In cases where a translator is needed, the trainer will admit the translator over and above these limits, and the translator will not be eligible for Certificate of Completion. Hog Technologies can assist with procurement of a translator; the expense will be billed direct to the customer.

4 Maintenance, Service and Support

Our responsibility does not end when we sell our equipment. In fact, it is just the beginning of the relationship we enjoy with our customers. We provide first class support to our customers by offering the following:

- All Surface Hog® customers are initially granted a complimentary membership to the exclusive Stripe Hog® support center online (www.technologiessupport.com). The support center features news releases, product upgrades, training videos, white papers,





and performance tips. The website has a forum to interact with other Stripe Hog® owners and operators in 30 different countries. You can also access the online store where you can order spare parts 24/7.

- Hog Technologies maintains a 24/7 customer support phone line with skilled and trained technical staff members. Our pieces of equipment operate in over 40 countries and 11 different time zones; all customers would agree this service is vital to their ongoing operations. Regardless of your location or time zone we respond to all customer calls immediately. Service is included for first year, subsequent years will be billed at \$1,500.00 per year on the anniversary of your initial training.

5 Warranty

Waterblasting, LLC. DBA Hog Technologies, hereinafter called WBL, warrants all Surface Hog™ components to be free from defects in material and workmanship while under normal use and service. WBL will, at its option, either repair or replace free of charge any such part that appears to us to be defective in material or workmanship during the warranty period. The warranty evaluation by WBL as to the cause of the defect shall be conclusive.

For approved warranty shipments, WBL will provide no charge Fed-ex ground or Fed-Ex Economy shipping. If customer requests expedited shipping, the difference in the shipping costs will be invoiced to the customer.

WBL reserves the right to request the component(s) to be returned, freight pre-paid, for analysis before proceeding with any warranty claim. The customer shall be responsible for payment of any replacement components requested. If the warranty claim is approved by WBL, credit will be issued for the components under warranty.

No warranty is made, either expressed or implied, for defects, failures or malfunctions resulting from corrosion, misapplication, over-pressurization, insufficient maintenance, lack of maintenance and any modifications to the component as supplied by WBL.

Any components replaced during the period of warranty will be warranted only during the period of the initial warranty, and no extensions shall be made, unless in writing by WBL in addition to the provision of the terms of the original warranty.

WBL will not be liable for damage, abnormal wear or consequential damage to their system components resulting from the use of replacement components that are not furnished by WBL.

WBL will not be liable for charges incidental to the removal of damaged or defective components, lost time and profits, or any consequential damages resulting from failure of the component.

WBL reserves the right to make improvements to future models without the need to retrofit or upgrade prior models. WBL shall not be obligated to perform retrofits and/or modifications to components manufactured prior to the incorporation of the new design and specifications.

Components that are not originally manufactured by WBL, including but not limited to, the truck chassis, Giant Pump, Axillary Engine, are warranted only to the extent of the original manufacturer's warranty and are subject to their allowance to us if found defective by them. Copies of other manufacturers warranty statements are supplied at the time of sale. WBL will assist with warranty claims on components not originally manufactured by WBL.

WBL will not be liable for damages to pavements or any other property caused by the Surface Hog Surface Cleaner operations or failures.

WBL Warranty Schedule - Warranty starts from the date of acceptance by the purchaser. Date of acceptance shall be defined as the time that the Surface Hog is received by the purchaser. Acceptance of the Surface Hog shall imply agreement to the terms and conditions of this warranty.

- 1 - 365 Days: 100% Parts and 100% Labor *

**For approved warranty claims that include labor: If such labor is provided at customer location and not at WBL headquarters, WBL reserves the right to invoice customer for reimbursement of travel-related expenses.*

The WBL Warranty Program is based on the WBL Certification and Licensing Program and is model specific. Unskilled / untrained personnel are a liability to the welfare of the Surface Hog and pavement surfaces. No warranty consideration is available for a Surface Hog that has been operated by personnel without a current, WBL issued, Surface Hog License.





6 Patents

Hog Technologies agrees to hold the buyer harmless against any claims of infringement of any US patent now issued which involves exclusive infringement of any mechanical apparatus claim of such patent, provided we are immediately notified in writing upon receipt of such claim are given complete control of the defense with the right to defend or settle. Under no circumstances shall our liability hereunder exceed the price of the equipment alleged to infringe. We reserve the right to make changes in the equipment at any time for the purpose of avoiding patent infringement. See the attached URL for more information on our patents.

<http://www.hogtechnologies.com/patent-information/>

7 Acceptance

This proposal may be withdrawn or altered in any way or to any extent at any time prior to written acceptance of your purchase order by an authorized agent of Hog Technologies and shall not be binding upon us or create any obligation on our part unless or until we have accepted your order for the equipment offered herein. After acceptance, the contract between us relating to the sale and purchase of the equipment shall be construed in accordance with the laws of the State of Florida.

8 Validity

This proposal is valid for a period of thirty (30) days from the date of issue. Individual provisions of the proposal are severable and if any provision of this proposal shall be invalid, such invalidity shall not affect any other provision that can be given effect without such invalid provision.

9 Prices

Prices are provided in US Dollar only and are subject to change without notice at any time prior to the acceptance of your purchase order and/or after the expiration date specified in this quote. Hog Technologies reserves the right to inform you of and correct prices herein, which may be made in error at any time prior to the acceptance of your purchase order.

Hog Technologies is not responsible for fluctuations in currency exchange rates and the price is in US Dollars (USD), determined at the international exchange rate in effect at the time the signed proposal is received and accepted by Hog Technologies.

Buyer assumes all responsibility and liability for all taxes and levies that are imposed by any taxing authority. Prices are subject to an increase in amount to any federal, state, and/or local tax or levy we may be required to collect or pay upon the sale of the equipment herein quoted and any such tax measured in whole or in part by the amount of such sale. If not included in the invoice for the equipment, such tax or levy amount may be invoiced at a later date.

Buyer assumes all responsibility and liability for shipping and all related costs, which may include but is not limited to disassembly, packaging, crate preparation, loading, transport, warehouse fees, unloading, forklift rental, and handling. Prices become fixed upon our acceptance of your purchase order unless escalation terms are included and mutually agreed upon in writing.

10 Terms of Payment

Hog Technologies only accepts payment in US Dollar currency. Payments can be made in the form of a check or wire transfer from banks based within the USA. Outside of the USA wire transfers are accepted. The terms of Payment will include both the System and Chassis payable to Waterblasting, LLC. The customer agrees that if payment is not made, Waterblasting, LLC. reserves the right to place a lien on the Waterblasting System and Chassis.

- 100% Net 30 days after delivery per HGACBuy terms.





11 Summary

Date: 12/1/2019

Item #	Description	Quantity	Unit Price	Ext. Price
Equipment:	Surface Hog Surface Cleaner - SW04-20F14	1	\$210,040.57	\$210,040.57
Spare Parts Package:	Surface Hog Spare Parts Package	1	Included	Included
Options/Accessories:	Tier 4 Engine	1	Included	Included
Training:	Refer to Section 3	1	Included	Included
Technical Support:	24/7 Technical Support (Service to automatically renew & bill on the anniversary date of each year)	1	Included	Included
Surface Hog System Total:				\$210,040.57*
Order Processing Charge:	HGAC 1.5% Order Processing Charge	1	-\$3,150.61	-\$3,150.61
Trainer Travel:	Training is provided at Hog Technologies factory located in Stuart, Florida. If customer requests the training at their facility there will be Estimated Trainer Travel costs added at the time of order.	1	TBD	TBD
Shipping:	Estimated shipping will be calculated at the time of order based on the specific Users location and choice of shipping method.	1	TBD	TBD
Surface Hog System Total:				\$206,889.96 *
Chassis:	Isuzu NRR	1		Pricing on Form E

* Equipment total does not include any applicable federal, state or local tax including, but not limited to, a Federal Excise Tax (12%), or Florida sales tax (6%). Buyer shall be responsible for the payment of all applicable federal, state and local taxes at time of delivery. If Buyer is exempt from FET, an exemption form must be submitted to Hog Technologies with this Proposal and/or corresponding purchase order. Otherwise, FET may be applicable and included in this sale.

