MCV (Municipal Cleaning Vehicle): Base unit and options

Manufactured and Shipped from Triverus, LLC Alaska

- Schedule MAS
- TIN 92-0176975
- DUNS# 075893656
- Cage code 1WLH3
- Hub-Zone Certified
- SIN# 333120
- Small Business NAICS CODE- 333318

**About Us:** Triverus designs and manufactures high efficiency outdoor surface cleaning equipment. Our cleaning vehicles are used in airfield, municipal and military markets. We lean heavily on a fit-for-purpose design process that applies our continually improving cleaning and waste management technologies to specific market sectors. Working with our partner company, Tri-Jet Manufacturing Services, Triverus also offers responsive in-house design and production capabilities.

**Core Competencies:** Outdoor Surface Cleaning, Parking facilities, Airfields, Marine and dry dock, Restoration of pervious concrete, performance High-efficiency closed loop recovery: supports Storm Water Pollution Prevention (SWPP), Glycol recovery, Ramp cleaning, Spill response, Fine solids recovery for paint prep or crack sealing pre-cleaning.

**Current Users of the MCV:**

**Municipalities:**
- Public Works & Utilities, Pierce County, WA
- Public Works & Utilities, City of Port Angeles, WA
- Minneapolis St. Paul Airport
- National Railroad Passenger Corporation, Amtrak, Seattle, WA
- Olympia School District, Service Support Center, Olympia, WA

**Aviation:**
- Miami Dade County, Aviation Department
- Metropolitan Airports Commission,
- Ted Stevens International Airport,
- Anchorage, AK
Company Information

- Since 2001, Triverus LLC has pioneered surface cleaning solutions with a focus on efficiency, recovery, and maintainability.
- Triverus’ leading-edge technology was originally developed in partnership with the United States Office of Naval Research for cleaning flight decks on aircraft carriers.
- “High-efficiency cleaning” and why is it important to your operations? At Triverus, high-efficiency cleaning means achieving the best results using fewer resources, and with minimal damage to surfaces. Our proprietary cleaning technology uses only pressurized water (no chemicals) to safely deliver the best results available.
- Triverus’ technology utilizes a low-noise, low-pressure recovery technology that allows all our platforms to be power and width efficient. This translates into exceptionally clean surfaces from not only larger recoverable particles, but hard-to-recover sub-micron particles that contribute to stormwater pollution. Triverus technology yields minimal damage to surfaces, meaning reduced costs and liability for your operations. Our machines recover what other machines leave behind.
- The Triverus Municipal Cleaning Vehicle (MCV) integrates Triverus 3800 PSI spray cleaning and recovery technology onto a Bobcat® Toolcat™ all-wheel steer carrier. This packaging provides maximum flexibility for surface cleaning in congested areas such as airport ramps, airside loading bridge and terminal areas, walkways, dock areas, and enclosed parking structures. An overall height of 84 inches gives the MCV free reign in almost any covered parking area.
- The 60-inch wide cleaning platform is the widest available in this class of cleaner and is the most productive in the industry. The cleaning deck’s position in front of the vehicle allows cleaning in close quarters, individual parking slots within an occupied parking garage, and up close and personal with guardrails, buildings, and other obstructions.
- The MCV is unmatched in achieving regulatory compliance through removal and containment of restricted or controlled materials that are more and more often the target of EPA regulations and inspections. The MCV achieves excellent cleaning results with pure water only and does not require chemicals or soap solutions of any kind to do its work.
- The Triverus cleaning platform is mounted to the Toolcat™ carrier by means of the standard implement attach point. The quick disconnect single spray liquid hose and electrical connector allow removal of the cleaning and recovery head within minutes, enabling brooms, snow blowers, plow blades, or any of over 40 Bobcat® attachments for year-round use. The rear-mounted recovery module can be removed within 90 minutes, totally freeing up the carrier for any other Toolcat™ application desired by the customer.
Bobcat Toolcat 5600 Chassis

- Engine Doosan 61 HP diesel
- 4-Wheel Steering AWD (All Wheel Drive)
- Road Light Package
- Empty Weight 6500LBS
- Hydrostatic Drive Transmission
- High Flow Hydraulics S
- Overall Width 66" includes side mounted recovery, Passenger mirror
- Overall Length 180" includes cleaning platform
- Travel Speed 0-17mph
- Wheelbase 88"
- Work Speed 0-8mph
- Overall Height 81"
The Municipal Cleaning Vehicle is offered as a base unit with options.

<table>
<thead>
<tr>
<th>Product Description</th>
<th>GSA price including IFF, quantity 1</th>
<th>Product Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Municipal Cleaning Vehicle base unit</td>
<td>$184,699.17</td>
<td>60073</td>
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<tr>
<td>Rear mounted video camera with color cab display</td>
<td>$982.46</td>
<td>60073VC</td>
</tr>
<tr>
<td>Top cab mounted flashing strobe (84 inches overall height)</td>
<td>$643.34</td>
<td>60073FS</td>
</tr>
<tr>
<td>Interlocking 2-inch Dri-Mate valves for onload and off load connections. Includes one each side side for onload, and one at rear for pressure offload; includes two (2) male adapters, one for onload, one for offload</td>
<td>$1,167.98</td>
<td>60073DM</td>
</tr>
<tr>
<td>Front mount FOD magnet; mounted at front of cleaning deck</td>
<td>$889.70</td>
<td>60073FODM</td>
</tr>
<tr>
<td>High intensity LED work Lighting package (inc. 42” bar light above windshield; front fender mounted headlightsa (2); ground lights by LH &amp; RH cab steps (2); and LH &amp; RH rear corners (2) (replaces road lighting in standard unit)</td>
<td>$1,431.30</td>
<td>60073WLP</td>
</tr>
<tr>
<td>Toolcat cab soundproofing upgrade kit, installed</td>
<td>$530.63</td>
<td>60073SP</td>
</tr>
<tr>
<td>Start up kit (includes two (2) sacrificial front deck caster plates; Two (2) swivels; Two (2) swivel seal kits; Four (4) spare spray bars; Eight (8) 15-degree spray nozzles; Eight (8) 0-degree spray nozzles; One (1) swivel break-in spray bar with nozzles; Eight (8) MCV water filter bags.</td>
<td>$2,371.88</td>
<td>60073SK</td>
</tr>
<tr>
<td><strong>Total Possible GSA Price, quantity one each</strong></td>
<td><strong>$192,716.47</strong></td>
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Also included are:

- Triverus Operator training
- Training by Triverus for MCV operations and maintenance to take place at customer’s facility for a period of 4 days
- One Year Warranty
- Service Manual / Illustrated Parts List
Customer Information

1a. Special Item Number 333120: Street Repair & Cleaning Equipment & Attachments, product Municipal Cleaning Vehicle and options.

1b. Lowest priced model number and unit price including IFF: 60073, $184,699.17. The base unit plus all available options, is $192,716.47 (including IFF) and includes shipping within the continental United States.

1c. Hourly Rates: Not applicable.

2. Maximum order: $2,000,000

3. Minimum order: $100

4. Geographic coverage: Global

5. Points of Production

   Palmer, Alaska

6. Discount from list prices or statement of net price: GSA receives a discount of 1% discount from commercial list price; Local and state municipalities do not receive a discount.

7. Volume orders (two units or more) receive a 2% discount.

8. Prompt payment terms: None. "Information for Ordering Offices: Prompt payment terms cannot be negotiated out of the contractual agreement in exchange for other concessions."

9a. Notification that Government purchase cards are accepted at or below the micro purchase threshold: Yes, Government purchase cards are accepted below the micro-purchase threshold of $1500.

9b. Notification that Government purchase cards are or are not accepted above the micro-purchase threshold. Yes, Government Purchase Cards are accepted above the micro-purchase threshold.

10. Foreign items

   None. Products are produced in AK, USA.

11a. Time of delivery

   Delivery is within 180 days of receipt of order and there are no expedited delivery terms.

12. FOB points:

   FOB points:
   
   o All foreign exports, Alaska, Hawaii, and Puerto Rico are FOB is Origin – buyer pays shipping cost.
   
   o Continental US FOB is destination.

13 Ordering Address

   Triverus, LLC
   661 E Steel Loop, Palmer AK 99645
   802-651-9049 www.triverus.com

14. Payment address

   Triverus, LLC
   661 E Steel Loop, Palmer AK 99645
   802-651-9049 www.triverus.com

15. Warranty Provision.

   Please see warranty terms listed below

16. Export Packing Charges are included in the Origin – Buyer Pays Shipping terms.

17. Terms and Conditions of Government purchase card acceptance: Yes, Government Purchase Cards are accepted above the micro-purchase threshold.

18. Terms and conditions of rental, maintenance, and repair: maintenance, preventative maintenance, repair, and other services are provided on a case by case basis by customer request outside of the GSA listing and catalog direct to factory.

19. Terms and conditions of installation: Terms and conditions of installation include installation, operator training and maintenance training by a Triverus’ technician to take place at customer’s facility for a period of 4 days

20. Terms and conditions of repair parts indicating date of parts, price lists and any discount from list prices: repair parts are provided on a case by case basis by customer request
outside of the GSA listing and catalog direct to factory.
21. List of service and distribution points:
   NA
22. List of Participating dealers:
   NA
23. Preventative maintenance
   NA
24. Special attributes such as environmental attributes (e.g., recycled content, energy efficiency, and/or reduced pollutants): Special Environmental Attributes include the primary purpose of the MCV is lifting and containing pollutants from hard surfaces for hygienic disposal in compliance with EPA guidelines. Diesel engine meets latest EPA pollution mandates.
25. DUNS 075893656 | UEI H9GXT6HCG3M6
26. Triverus, LLC is a registered entity in System for Award Management database.
Warranty Terms

Triverus, LLC warranties apply only to Triverus branded products and are subject to the following terms: all Triverus warranties include parts and labor but are non-transferable and are only available to the original end-user consumer without prior written consent from Triverus, LLC. In addition, all labor must be performed by certified Triverus technicians unless written consent has been obtained from Triverus, LLC prior to the work being performed. To request a replacement product under a warranty policy, you must email claims@triverus.com and request a Warranty Claim Form. The form must be filled out completely and returned with the defective part within 15 business days. Triverus, LLC reserves the right to decline any and all claims received after the warranty period has ended or that do not meet the criteria listed above.

**ONE-YEAR MANUFACTURER'S WARRANTY**

Triverus, LLC expressly warrants the components in its products against defects in materials and workmanship under normal use for a period of ONE (1) YEAR from the date of delivery to the original end-user consumer. This warranty does not apply to normal wear and tear components. If the chassis or any additional components that are not manufactured directly by Triverus, LLC carry their own manufacturer’s warranty, Triverus’ warranty of those components is limited to that provided by the direct manufacturer. Triverus, LLC shall administer such warranty claims for these items. Standard claim procedures shall apply. If a valid claim is made during the one-year period, Triverus, LLC, at its option, will repair or replace the defective component. A replacement component assumes the remaining warranty of the original product. Customer must obtain a Warranty Claim Form prior to sending in components for replacement and is responsible for the return shipping costs. Triverus, LLC product warranties are non-transferable.

ANY IMPROPER USE, OPERATION BEYOND CAPACITY, OR SUBSTITUTION OF PARTS NOT APPROVED BY TRIVERUS, LLC, OR ALTERATION OR REPAIR BY OTHERS IN SUCH A MANNER AS IN TRIVERUS, LLC'S SOLE JUDGMENT MATERIALLY AND/OR ADVERSELY AFFECTS THE PRODUCT SHALL VOID THIS WARRANTY. THIS WARRANTY DOES NOT APPLY TO DEFECTS CAUSED BY DAMAGE OR UNREASONABLE USE WHILE IN THE POSSESSION OF THE OWNER, INCLUDING BUT NOT LIMITED TO: FAILURE TO PROVIDE REASONABLE AND NECESSARY MAINTENANCE, NORMAL WEAR, FAILURE TO MAKE ROUTINE TUNE-UPS OR ADJUSTMENTS, IMPROPER HANDLING OR ACCIDENTS, OPERATION AT SPEED OR LOAD CONDITIONS CONTRARY TO PUBLISHED SPECIFICATIONS, IMPROPER OR INSUFFICIENT LUBRICATION, OR IMPROPER STORAGE. TRIVERUS, LLC IS NOT RESPONSIBLE FOR DAMAGES RESULTING FROM ANY BREACH OF WARRANTY INCLUDING BUT NOT LIMITED TO LOSS OF USE, LOSS OF REVENUE, INCIDENTAL DAMAGES, CONSEQUENTIAL DAMAGES, AND/OR LOSS OF ANTICIPATED PROFITS. TRIVERUS, LLC WARRANTIES DO NOT COVER ANY THIRD-PARTY DEVICES OR THE PERSONAL PROPERTY OF ANY CONSUMER. ANY ALTERATION, CHANGE, MODIFICATION, OR REPAIR (OTHER THAN PROPER REPLACEMENT OF A REPLACEABLE COMPONENT) MADE TO THE PRODUCT BY A PARTY OTHER THAN TRIVERUS, LLC OR ANY TRIVERUS AUTHORIZED SERVICE PROVIDERS WILL VOID THIS WARRANTY. TRIVERUS, LLC RESERVES THE RIGHT TO REFUSE WARRANTY REPLACEMENT FOR SUSPECTED FRAUD OR ABUSE OF TRIVERUS' WARRANTY POLICY CONTAINED HEREIN. TRIVERUS' WARRANTIES AND REMEDIES SET FORTH ABOVE ARE EXCLUSIVE AND IN LIEU OF AND SUPERSEDE ALL PRIOR DISCUSSIONS AND UNDERSTANDINGS OF THE PARTIES, WHETHER ORAL OR IN WRITING, INCLUDING BUT NOT LIMITED TO IMPLIED WARRANTIES, REMEDIES AND CONDITIONS. TRIVERUS, LLC DISCLAIMS ALL IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THIS WARRANTY IS EXCLUSIVE REMEDY OF BUYER. NOTWITHSTANDING ANYTHING IN THIS WARRANTY IS TO THE CONTRARY, IN NO EVENT SHALL TRIVERUS, LLC'S TOTAL LIABILITY HEREUNDER EXCEED THE PURCHASE
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Revised: January 17, 2020
Bobcat Company warrants to its authorized dealers and authorized dealers of Bobcat Equipment Ltd., who in turn warrant to the owner, that each new Bobcat utility work machine will be free from proven defects in material and workmanship with respect to (i) all components of the product except as otherwise specified herein for twelve (12) months, (ii) the drive belt from the hydrostatic pump to the engine, for thirty six (36) months, provided that after the initial twelve month warranty period, such warranty shall be limited to parts only and does not include labor, (iii) Bobcat brand tires, for twelve (12) months on a prorated basis based on the remaining depth of the tire at the time any defect is discovered, (iv) Bobcat brand batteries, for an additional twelve (12) months after the initial twelve month warranty period, provided that Bobcat Company shall only reimburse a fixed portion of the cost of replacing the battery during such additional twelve months and (v) auxiliary hydraulic quick couplers for six (6) months or 200 hours, whichever occurs first. For new Bobcat utility work machines sold in the United States or Canada that are equipped with Bobcat Engines, the engine is covered for an additional twelve (12) months after the initial twelve (12) month warranty period, or a total of 2000 hours, whichever occurs first, will apply on machines with a delivery date on or after January 1, 2018. The foregoing time periods shall all commence after delivery by the authorized Bobcat dealer to the original buyer.

During the warranty period, the authorized Bobcat dealer shall repair or replace, at Bobcat Company's option, without charge for parts and labor, any part of the Bobcat product except as otherwise specified herein which fails because of defects in material or workmanship. The owner shall provide the authorized Bobcat dealer with prompt written notice of the defect and allow reasonable time for repair or replacement. Bobcat Company may, at its option, require failed parts to be returned to the factory. Travel time of mechanics and transportation of the Bobcat product to the authorized Bobcat dealer for warranty work are the responsibility of the owner. The remedies provided in this warranty are exclusive.

This warranty does not cover replacement of scheduled service items such as oil, filters, tune-up parts, and other high-wear items. This warranty does not cover damages resulting from abuse, accidents, alterations, use of the Bobcat product with any accessory or attachment not approved by Bobcat Company, air flow obstructions, or failure to maintain or use the Bobcat product according to the instructions applicable to it.

THIS WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES AND CONDITIONS, EXCEPT THE WARRANTY OF TITLE. BOBCAT COMPANY DISCLAIMS ALL OTHER WARRANTIES AND CONDITIONS, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTIES OR CONDITIONS OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT SHALL BOBCAT COMPANY OR THE AUTHORIZED BOBCAT DEALER BE LIABLE FOR ANY SPECIAL, INCIDENTAL, INDIRECT OR CONSEQUENTIAL DAMAGES WHATSOEVER, INCLUDING, BUT NOT LIMITED TO, LOSS OR INTERRUPTION OF BUSINESS, LOST PROFITS, OR LOSS OF MACHINE USE, WHETHER BASED ON CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY, STATUTE OR OTHERWISE, EVEN IF BOBCAT COMPANY OR THE AUTHORIZED BOBCAT DEALER HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. THE TOTAL LIABILITY OF BOBCAT COMPANY AND THE AUTHORIZED BOBCAT DEALERS WITH RESPECT TO THE PRODUCT AND SERVICES FURNISHED HEREUNDER SHALL NOT EXCEED THE PURCHASE PRICE OF THE PRODUCT UPON WHICH SUCH LIABILITY IS BASED.