

AIRCRAFT DUSTLESS SANDING KITS series

EXPLOSION PROOF/DUST IGNITION PROOF DUSTLESS VACUUM SANDING KIT
PNEUMATICALLY (AIR) OPERATED
POINT OF GENERATION DUST CONTROL FOR THE RECOVERY OF LEAD,
CADMIUM, CHROMIUM, STRONTIUM, ZINC AND BARIUM
MODEL SSAT-19L SK HEPA



Characteristics:



HEPA filter



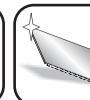
Explosion proof



Static Dissipating



F.O.D



Stainless Steel



Resistivity: Less than 10 Ω



Schedule
Contract GS07F8097B

CE 0081 Ex II 2 G/D EEx c IIC T6 (85°C)
LCIE 03 ATEX 6310

- Shadow boxed trays for sanders, tools and accessories: every item is tethered or shadowed for tool control.
- HEPA Filter efficiency of 99.995% @ 0.3 micron. Tested: IEST RP-CC001.3. Type H14
- Vacuum cleaner is all stainless steel (AISI 304). Enclosure is powder coated bright yellow for visibility.
- Recovery tank with paper filter bag: capacity of 5 gallons (19 litres).
- Designed for hazardous locations such as aircraft hangars or other atmospheres containing gasoline, petroleum, naphta, benzene, butane, propane, alcohol, acetone, lacquer, solvent, vapors or natural gas.
- Point of generation dust control is an effective and efficient means for capturing toxic substances such as: lead, cadium, strontium, chromium, zinc and barium.
- This vacuum cleaner system located inside the casin, along with its accessories, is grounded to ensure static dissipation and conductivity during use. **The entire unit has a resistivity of less then 10 ohms (see reverse for details)**
- The complete system includes all sanders, hoses, abrasives and filters to ensure turn-key operation.

Tiger-Vac®

...The name to vacuum with

Tiger-Vac Inc. (USA)
73 S.W. 12 Ave. Bldg.1, Unit 7
Dania, FL 33004
USA

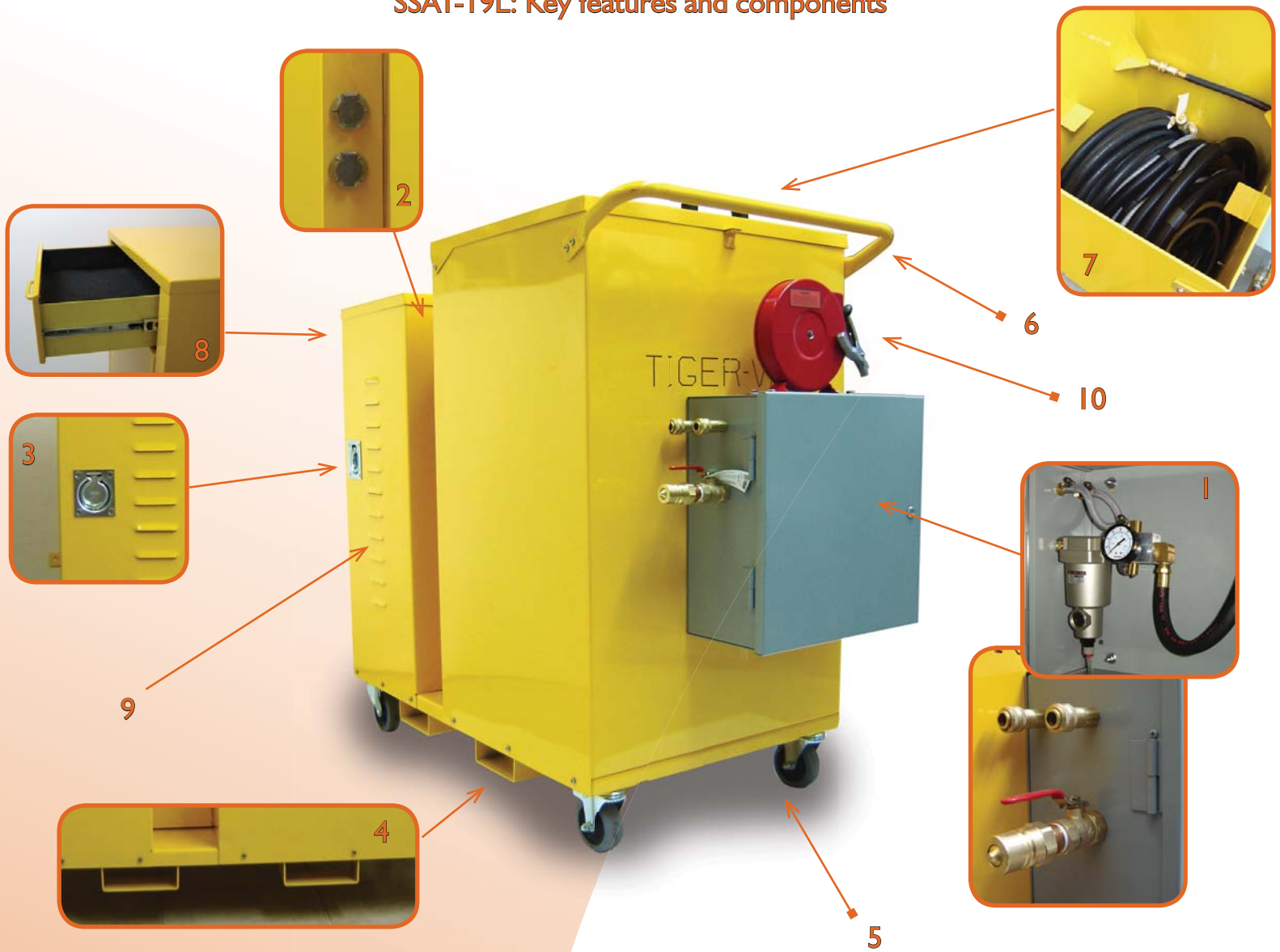
Tel.: (954) 925-3625

Fax.: (954) 925-3626

E-mail: sales@tiger-vac.com

Toll free telephone: 1 800 668-4437 (Fax: 1 800 668-4439)
<http://www.tiger-vac.com>

SSAT-19L: Key features and components



Item	Description
1	Control box for compressed air source for vacuum and dustless tools: <ul style="list-style-type: none"> • ¾" quick disconnect with manifold • 2 X ¼" quick disconnect for dustless tools • Pressure gauge and water separator are located inside the control box
2	Suction port for suction hose - 2 standard 1½". A third suction port is available
3	Tie downs (4 installed): to secure the vacuum when vehicle is in motion
4	Forklift capability: To allow the unit to be transported by a forklift
5	Wheels: SD* and conductive: 2 swivel wheels in back with locking brake. 2 fixed wheels in the front.
6	Ergonomic handle for easy manoeuverability
7	Inside the unit is room for 2 30' suction hoses and 1 airline hose ¾" X 50'. 2 FOD Shadowboxed trays to store all dustless hand tools
8	Sliding drawers for storing tools and sandpaper
9	Legally certified explosion proof/dust ignition proof vacuum cleaner with twin Venturi: Model SS-19L: <ul style="list-style-type: none"> • Stainless steel AISI 304 • Recovery capacity with paper filter bag: 19l (5 gallons) • HEPA Filter efficiency of 99.995% @ 0.3 micron. Tested: IEST RP-CC001.3. Type H14
10	Grounding reel

For complete details please visit our website: WWW.TIGER-VAC.COM or contact one of our technical representatives. Specifications are subject to change without notice. Images are for illustration purposes only. Tiger-Vac is a registered trademark.

Performance chart:

Model	Input air volume	Air line size	Input Air pressure/bar	Vacuum H ₂ O	Airflow
SSAT-19L SK HEPA (2 operators)	70 CFM*	¾"	100 PSI	120" H ₂ O	190 CFM
SSAT-19L SK HEPA (3 operators)	100 CFM*	1"	100 PSI	120" H ₂ O	240 CFM

Dimensions: L50" (127cm) x W26" (66cm) x H45" (114cm). 347 lbs (157kg).

*For Vacuum cleaner only. Additional air input required for tools.

Built-in toolcase and storage compartment with FOD:



- The built-in storage compartment allows you to keep tools and hoses in one place.
- The removable tray holds sandpaper discs and smaller accessories.
- The storage compartment can be locked (locking device not included)



Explosion
proof



Resistivity:
Less than 10 Ω



Static
Dissipating

10 Ohms :

In order to legally certify an Explosion Proof/Dust Ignition Proof vacuum cleaner system the unit must be static dissipative (SD*) and conductive and have a resistivity measuring less than 10 Ohms from the grounded air supply hose to any point on the vacuum cleaner system. This makes the unit eligible to be Explosion Proof/Dust Ignition Proof and be part of the Tiger-Vac's quality control management system ISO 9001:2000.

When using a pneumatic Explosion Proof Vacuum cleaner system the customer must make sure that the source of air supply (compressor) is grounded.

Dustless Hand Tools and Accessories available:

Tiger-Vac offers a variety of dustless ventilated hand tools that allow dust and harmful contaminants to be captured at the source. These dustless hand tools are combined with our HEPA filtered vacuum cleaners to create the vacuum sanding kits. Our HEPA filters have a filtration efficiency of 99.995% on particles as small as 0.3 micron. Type H14. This ensures that the ultra-fine dust (toxic/nuisance) will remain trapped in the vacuum system and that it will not be exhausted back into the work place.

Tiger-Vac Vacuum Sanding Kits are a vital tool in achieving EPA and OSHA environmental compliance.



1. Mini Die Grinder, Ø2"
2. Mini Die Grinder, Ø3"
3. Detail Sander (Triangle)
4. Random Orbital Palm Sander, Ø3 ½" with shroud (PSA or velcro pad)
5. Random Orbital Palm Sander, Ø5" with channel, with lip seal shroud (PSA or velcro)
6. Random Orbital Palm Sander, Ø6" with channel, with lip seal shroud (PSA or velcro)
7. Gear Driven Sander, Ø8" (PSA or velcro)
8. Mini Flush Plate with Roto Peen Heads

9. Needle Gun with 23 flat needles
10. Dustless Drill Kit (drill not included)
11. Jitter Bug Sander with velcro pad
12. Grinder, Ø4.5". Includes a rigid back-up pad with a center nut for use with coated abrasives
13. Grinder, Ø7". Includes a rigid back-up pad with a center nut for use with coated abrasives
14. 2-hand Random Orbital Sander with velcro pad Ø6"
15. Sandpaper Dispenser, 3 stations for 5" or 6"
16. Pierce Plate for Sandpaper - 5 or 6 holes

Abranet abrasives and backup pad are available

WARNING!

Only tools and accessories provided by Tiger-Vac shall be used with this vacuum cleaner. Any other tools used will render the warranty null and void any may cause an explosion which could result in bodily harm. Tiger-Vac will not assume any responsibility for damage that may occur due to the improper use or handling of the vacuum cleaner system.

For complete details please visit our website: WWW.TIGER-VAC.COM or contact one of our technical representatives. Specifications are subject to change without notice. Images are for illustration purposes only. Tiger-Vac is a registered trademark.