



KRENDL

**THE MOST COMPLETE WALL
SPRAY SYSTEM EVER BUILT...**

KS-250

- Fast Spray Volume
- Two-Person Operation
- Heavy-Duty High-Volume Vacuum
- Heavy-Duty Rotary Displacement Blower
- High-Capacity Hopper
- Totally Winterized Water System
- Completely Self-Contained





To assure proper, reliable operation of the machine components and single source responsibility, Krendl assembles and installs recommended components into the truck. Additionally, all prescribed evaluations and test procedures are performed before releasing to the customer for in field use and warranty support.

All of the equipment in this system has controls and drive motors that are simple, reliable, and low maintenance. Most of the equipment requires 3-phase, 480-volt power supplied by a 60 KW diesel generator or PTO generator allowing the high powered motors to start quickly and with ease.

The height (not to exceed 81" inches) and weight of the components of this system allow for installation in most commonly sized cargo box trucks. There are seven major components which comprise the KS-250 machine system.





- Extra large hopper capacity holds up to twelve bags of cellulose fiber (Approx. 55 cu.ft.), which reduces trips to truck for reloading fiber.
- Airlock capacity (12" dia. x 20" long w/ 4" output) for high production open blowing of attics. Approximately 120/30 lb. bags or 3600-lbs./hr. production rate for open blowing reduces time and labor on the job site.
- Crankgate control of slide gate with indicator gauge for precise metering and control of fiber. This is accessible from rear of truck while operator stands on the ground.
- Drive System with 3 HP motor/reducer drive unit has #50 nickel plated chain and hardened tooth sprockets. This eliminates chain breaking or slipping under extreme loads.
- Heavy Duty 1 1/4" dia. stainless steel agitator shafts, 3/16" x 2" square tip stainless blades, stainless steel slidegate, and shredder system eliminate corrosion from moisture and chemicals while promoting maximum conditioning and coverage of fibers.
- Dual action, side loading doors with safety kill switches to stop agitators when loading bales of fiber. This facilitates safe, convenient stacking of fiber bales when wall spraying while allowing for easy top loading when open blowing attics without shutting down machine.
- A 10 KVA step-down transformer provides an extra 60 amps of auxiliary power (120V.) for operating additional devices. (Lighting, portable heaters, wall scrubber, etc.)
- Deluxe Electrical Control Box with safety pre-alarm is shock mounted to the back of machine for easy access from the ground. 150 ft. three function remote control cord is provided.
- Safety Kill switches are accessible from inside the truck or on the ground in order to cut power for entire system shut down.
- Overall dimensions of 39" wide x 65" long x 81" high and a weight of 1360 lbs.





- Large recycle storage capacity (approx. 25 cu.ft.) holds ample supply of material to satisfy spraying requirements while alternating between vacuuming and wall scrubbing.
- Heavy Duty stainless agitators (similar to KS-2000) on lower base unit along with a stainless steel vertical agitator eliminates corrosion from moisture and chemicals in the recycle fiber.
- Increased airlock input and output tubes (3" dia.) for improved flow of air and fiber.
- Slide gate with indicator gauge for precise metering and control of recycle fibers is accessible from outside of truck.
- Round upper canister design with increased screen surface area and vertical agitator, will help prevent fiber build up and bridging. The increased perforated metal screen area reduces system back pressure while filtering out all but the fine dust.
- Drive motor (1hp), #50 drive chain, and hardened tooth sprockets eliminate chain breaking or slipping under extreme loads, while providing ample power to the vertical agitator system.
- Scraper and bristle brush continually clean the build up on the perforated stainless steel screen.
- Bin Level indicator shuts the vacuum off when the recycle hopper is full.
- Safety interlock switch shuts off agitation when door is open.
- Overall dimensions of 38 1/2" wide x 39" long x 76" high and a weight of 1045 lbs.



- Vacuum System with large 16" diameter impeller and powered by a 15HP electric motor, draws recycle fiber through the 4" hose system and into the R-500 recycle hopper. With its high speed and large capacity, the V-15 produces a **very powerful** vacuum.
- High speed 1 ½" heavy duty, flange bearings have a high-speed grease reservoir providing lasting lubrication system.
- Quick release latches on vacuum chamber housing permit quick, easy access for maintenance and clean out.
- Unit mounted under truck for space saving and user friendly operation and maintenance.
- Soft start motor controller reduces burden on generator system and increases the life of the belt drive system.
- Overall dimensions of 24" wide x 39" long x 21" high and a weight of 650 lbs.



- Air tight box with filter bag.
- Designed to separate fine dust particles from the air.
- Provides a dust free environment inside the truck.





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B-10 Blower System

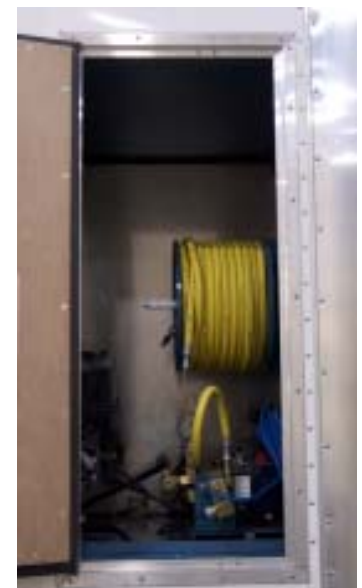
- Rotary positive displacement blower for unsurpassed blowing which produces 250 CFM's of air and 6 lbs of pressure.
- Ventilated aluminum enclosure mounted under truck for space saving and user friendly operation and maintenance.
- Aluminum and heater hose plumbing to ensure maximum life.
- Overall dimensions of 24" wide x 48" long x 22" high and a weight of 515 lbs.



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Water Tank System

- Insulated steel panel construction surrounds a 230 gallon, airtight, tank. An insulated door accesses the pump cabinet from outside. An overflow releases pressure from the tank while filling and acts as an overflow when tank is full.
- 200 feet of industrial type spray hose on hose reel.
- M-3 Wanner water pump is fitted inside the pump cabinet. The intake line from the water pump to the water tank has a clear bowl filter with 80-mesh screen to filter incoming water from tank. The return line that goes back into the tank and the intake line both have a quick coupler in-line for easy disconnect. There is also a valve on each line to allow the water from the tank to be retained if the pump is removed.
- Additional hose with valve coming from the tank is for draining the tank and often used for washing hands and cleaning up at the end of the job.
- Submersible heater with thermostat protects the water tank in the winter. Fan-type heater mounted inside the insulated pump cabinet protects internal equipment in cold weather. Both heaters can function with or without machine operating. The heaters are powered by the generator (when operating) or by plugging an extension cord into the outside, (watertight), male plug mounted just under the exterior door of the pump cabinet. Together they draw less than 15 amps.
- Water Tank is mounted against the front of the truck. It is approximately 86" in length x 32 1/2" in width x 47 1/2" tall.





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Power System (Generator Set)

- All of the equipment in this system is powered by a 60KW, 480VAC generator and diesel engine located in rear of truck body.
- This unit is designed to take in air for cooling from the bottom and side and vent it out the radiator. The radiator faces the back of the truck so that any dust from the truck is blown away from the truck and not sucked back into the radiator.
- Total enclosure is provided to protect the unit from dust.
- Access panel, located on top of generator cover, provides access to the radiator fill.
- Louvered side door, with lock, provides easy access to the oil drain, oil filter, fuel filter, air filter, and oil fill when maintaining and cleaning engine. This side door can be opened when operating during hot weather to allow for more air to cool engine and generator.



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Power System (PTO)

- All of the equipment in this system is powered by a 60KW, 480 VAC generator and power take off located in the front of the truck by the water tank.
- Ventilated enclosure protects the unit from dust and the operator from moving parts.
- Removable enclosure provides access to the generator pulley and belt.
- The power take off bearings and grease fittings are easily accessible from underneath the truck.



Basic Equipment

KS-2000	12 bag dry hopper (55 cu.ft.)
R-500	recycle hopper (25 cu.ft.)
FB250	filter box
B-10	10 Hp. under the truck blower system
V-15	15 Hp. under the truck vacuum system
230 Gallon Water Tank	completely plumbed with insulated enclosure
60KW Generator Set	100 Hp. diesel engine w/60KW generator
or	generator base and cover (totally sealed from inside the truck)
60KW PTO (Power Take Off)	60 KW generator (powered from transmission) w/enclosure

Additional Equipment

150' Remote Cord	corded switch includes Material/Air, Air Only, & Off
44" Hose Reel for 4" Vacuum Hose	} <i>used on genset power system</i>
36" Hose Reel for 3" Blower Hose	
90" Hose Reel for 4" Vacuum & 3" Blower Hose	used on PTO power system
150' of 4" Vacuum Hose	three 50' sections
150' of 3" Blower Hose	three 50' sections
4" Dia. Connector Tube 5" long	two included for 150' vacuum hose
3" Dia. Connector Tube 5" long	two included for 150' blower hose
12' of 2 1/2" light weight flexible hose	to attach wall cavity nozzle
3" to 2 1/2" reducer	connects 2 1/2" hose to 3" hose for wall cavity spray
2 1/2" Wall Spray Nozzle	
2502 Wall Spray Tips	two included
25015 Wall Spray Tips	two included
4ft. long Vacuum Wand	
3" Hose Clamp	quantities used may vary
4" Hose Clamp	quantities used may vary
27" Wall Scrubber	parallel handle w/30" extension
Internal Wetting System	367C-4C Connector Tube Assy, 4" (w/tips)
	(sold w/ 10 ft. of 3" hose, 10 ft. of 4" hose, 4" to 3" Reducer)
	367C-5C Connector Tube Assy, 5" (w/tips)
	(sold w/ 10 ft. of 4" hose, 10 ft. of 5" hose, 5" to 4" Reducer)
4" to 3" Bushing Reducer	reduces 4" airlock output to 3"
5" to 4" Bushing Reducer	reduces 5" airlock output to 4"

Door Kits and Vents

- 18" x 45" access to KS-2000 from outside the truck
- 18" x 45" access to R-500 from outside the truck
- 18" x 45" insulated access to water system from outside the truck
- 36" x 48" louvered access to generator from outside the truck (not included w/PTO)

Installation

All equipment must be installed at Krendl Machine Company.

Options

- 18" Wall Scrubber vertical or parallel handle
30" extension
- Underbody Tool Box 48" x 24" x 24" deep under truck mount
60" x 24" x 24" deep under truck mount
- Wireless Remote Physical Size: 2.5" x 4.75" x 1" Thick
Includes a mounting plate
Available in 110V AC or 12V DC
Batteries: 2-AA Alkaline
Transmitter weight: .3 lbs.

