CM-350

It’s your Insulation Business. It’s your Investment Decision. It’s our job to make it COOL.
Isle Space
Minimum: 34”
Maximum: 40”

The balanced placement of the CM-350 system modules (machine & water tank) at rear of truck box, eliminates the need to have heavier rated front axles to meet DOT weight restrictions, reduces front end alignment problems & provides traction weight over the rear axle.

KEY FEATURES:

- 23 bag (110 cu./ft.) high capacity hopper / less hopper refills
- High impact, non-corrosive aluminum construction
- Designed under legal CDL requirements to limit your company’s liability
- Designed to fit any standard 96”x96” box; no special doors
- Designed to accommodate any standard truck chassis, (6-bolt PTO); no heavier rated front axles
- Powerful positive pressure vacuum / low maintenance
- Two slim-line modules provide maximum isle & storage capacity in truck (no generators & enclosures to waste valuable payload space)
- Jobsite set-up of all hoses and cords from rear of truck box
- Reduced power and fuel consumption with 25 kw PTO generator
- 24/7 Support & Service with proven proprietary technology and designs since 2004
SPRAY MACHINE:

- Two slim-line modules provide ample isle space for easy loading of bags close to storage area
- Industry's largest dry hopper capacity (23 bags / 110 cu./ft.) for less refill trips to the truck
- Dry hopper totally enclosed converts to large capacity recycle storage
- 10 h.p. positive pressure blower system w/24” airlock for high production attic blowing
- Large 30 cu./ft. neutral pressure recycle hopper eliminates spray surges from vacuum cycling on/off
- Powerful 10 h.p. positive pressure vacuum system w/auto-fill shut-off. Fastest vacuum on the market with no costly fan & bearing repairs. Eliminates the safety hazard of high rpm vacuum fan impellers & metal shrapnel fatigue failure.
- Fast, smooth spray delivery (from long barrel 24” airlock) increases production
- ‘Even-Flow’ control feature assures constant feed rate until hopper is empty.
- ‘Smart Panel’ LED lights provide self-diagnostic electrical solutions
- Easy maintenance – all areas accessed in seconds
- All aluminum, high impact, non-corrosive, powder coated machine with stainless shaft & fastener components
- Dimensions: 34”W x 168”L x 88”H  Weight: 3,100 lbs.

WATER TANK SYSTEM:

- 250 gallon stainless steel, baffle-sectioned, insulated/heated, tank assembly for all-weather use
- Includes twin aluminum hose reels mounted on tank system w/easy access for quick jobsite set-up
- Heavy duty pressure hose (170 ft. x ¼”) with w/quick-connect fittings & swivel adapter hose reel (remove only hose needed)
- Quick-connect valves for easy pump removal
- Heavy duty pump & motor (w/run dry capabilities), deluxe self-cleaning 150 micron filter, and fluid level gauge
- Duplex outlets for pump power and on/off control of internal wetting system(IWS)
- Placement of tank system at the rear of truck eliminates the need for special heavier rated front axles, provides traction weight on rough terrain, while allowing easy access of hoses and pump from the ground.
- Dimensions: 24”W x 116”L x 40”H (w/o hose reels) 88”H w/hose reels. Weight: 900 lbs. (empty)
**AIR CONTROL VALVE:**
- Located for easy, precise control of air velocity & quick access from a ground standing position
- Quiet is COOL. Twin mufflers connected to blower and by-pass air reduce system noise to 87 decibels. Early morning start-up without waking the neighbors.

**CONTROLS & HOSE CONNECTIONS:**
- This feature allows easy access and set-up from rear of truck
- Eliminates costly access doors
- Digitally adjusted hand-wheel slide-gates (left), provide precise adjustment & metering of fibers.

**25 kw PTO GENERATOR**
- This low profile generator provides ample power from a standard 6-bolt PTO transmission mounting at low engine speed
- 1000 rpm (manual transmission) engine speed lowers fuel consumption, while extending life of PTO components.
- Under-truck location saves valuable space inside truck box while allowing easy access for ventilation, inspection & repair.
‘SMART PANEL’ DIAGNOSTICS

• LED lights provide quick self-diagnostics and solutions to electrical problems
• ‘3’ simple control switches provide easy command of the entire system
• “Safety is COOL.” Start pre-alarm, emergency stop switches, limit switches on access doors, overload protection of electrical components, low rpm agitators along with safety guards, provide the safest machine possible

24” AIRLOCK MODULE:

• Airlock/shredder module with attached drive system and gate controls, is mounted to a roller assembly allowing quick easy removal in seconds without removing chains
• The single airlock design reduces cost over the ‘standard’ two airlock systems. (Dry and recycle airlocks)
• Large 24” airlock with long barrel design produces a smoother, consistent spray pattern.
• Upper access panels, directly above airlock, provide fast access for removing debris while locked out

‘EVEN-FLOW’ CONTROL:

• Assures constant feed rate of fiber when dry hopper is fully loaded or nearly empty.
• Eliminates the progressive feed rate change that most large hopper feeders have. This is due to density changes and reduced ‘head pressure’ as the hopper empties.
SECONDARY FILTER BOX:
- Due to the high efficiency ‘primary’ air separator, the secondary filter box is emptied or serviced only ‘weekly’
- Eliminates the constant hourly attention that other filter systems require

SIMPLE TOOLS:
- All fasteners (bolts & nuts) on machine are supplied in non-corrosive, stainless steel
- Aluminum machine with stainless fasteners = a COOL looking machine after many years . Great resale value.
- All the same size bolts & nuts. One wrench fits ‘all’

DRY HOPPER AUGER
- Heavy duty scalping augers provide a non-bridging, positive feed to the ultra-high speed shredder system
- Slow variable speed, low profile augers, provide a safe method of metering fibers without progressive feed rate changes

Find out the benefits of COOL Machines Technology - Call for a Demonstration Today.
COOL Machines, Inc. was founded by Dave Krendl. With over 20 years invested in the industry, Dave’s Senior Management experience and unique Engineering background, allows him to develop the best Commercial Spray Truck Systems on the market.

As a fiber machine manufacturer, COOL Machines is the industry leader in cutting edge solutions for fiber application challenges. The extremely knowledgeable technical support staff, provides 24/7 customer service. This concept far exceeds the industry norm. COOL Machines has the integrity to back-up our generous warranty policies with no-nonsense, effective solutions.

Having established our equipment as the premier Truck Spray System, Cool Machines also offers a full line of smaller contractor machines and accessories that provide the same ‘cutting edge’ technology, high quality performance and exceptional service. We offer replacement parts and repair services for other brand name fiber machines. Inquire about our high quality, competitively priced “Airlock Seals”.

COOL Machines

COOL Accessories

THE DESIGNERS

Dave Krendl (B.A., M.A. Industrial Technology, Ohio State University). Dave was the chief product Engineer for a well known insulation machine manufacturer from 1986 to 2002. Growing-up in the fiber industry, he is a pioneer and a leader in education and design of fiber equipment. Dave has 20 years experience designing and manufacturing fiber machines. This list includes over twelve different types of insulation fiber machines and accessories, including the ST-250 Truck System, computer controlled machines for industrial applications, and the new and innovative CM-350. Dave is uniquely qualified to provide reliable, cutting edge solutions to the fiber industry.

Andy Schulte (B.A. Mechanical Design, Bowling Green State University). Andy provides a vast amount of experience to the design and support of COOL Machines’ products. His 13 years experience in fiber machine design is enhanced by his specialized skills in electrical design and diagnostics. Andy brings a level-headed approach to trouble-shooting and delivers effective and efficient solutions. This translates into minimum down time for our valued customers, while increasing their profits.

COOL COMPANY

COOL Machines, Inc. was founded by Dave Krendl. With over 20 years invested in the industry, Dave’s Senior Management experience and unique Engineering background, allows him to develop the best Commercial Spray Truck Systems on the market.

As a fiber machine manufacturer, COOL Machines is the industry leader in cutting edge solutions for fiber application challenges. The extremely knowledgeable technical support staff, provides 24/7 customer service. This concept far exceeds the industry norm. COOL Machines has the integrity to back-up our generous warranty policies with no-nonsense, effective solutions.

Having established our equipment as the premier Truck Spray System, Cool Machines also offers a full line of smaller contractor machines and accessories that provide the same ‘cutting edge’ technology, high quality performance and exceptional service. We offer replacement parts and repair services for other brand name fiber machines. Inquire about our high quality, competitively priced “Airlock Seals”.

COOL Machines

COOL Accessories

# 4000

# 3000

‘The COOL Tool’

Accessories

Phone: 419.232.4871           Fax: 419.517.6260           www.coolmachines.com
COOL People

Dave Krendl - President
419-232-4871
dave@coolmachines.com

Andy Schulte - General Manager
419-232-4871
andy@coolmachines.com

Tech Support
419-232-4871
support@coolmachines.com

New & Used Truck Sales
Steve Freeman - Representative
Office: 812-663-7111 / Cell: 812-614-1767
sales@coolmachines.com

Company Address
COOL Machines, Inc.
1202 Industrial Drive
Van Wert, OH 45891

Loretta Patterson
Business Development
Office: 812-352-8600
loretta@coolmachines.com

Pete Burgmeier
Marketing Director
Cell: 812-528-6420
pete@coolmachines.com

General Contact Information
Office: 419-232-4871
Fax: 419-517-6260
info@coolmachines.com

www.coolmachines.com