

Cool Machines Inc.

Fiber Machines - Cutting Edge Cool



www.coolmachines.com



CM-700 Machine

The CM-700S (Standard), CM-700D (Deluxe), and CM-700R (Recycle) are compact, versatile, and economical!

Cutting edge 'scalping auger', rugged design, and simple operation offers a reliable, robust machine with simple maintenance.

The "can-do" attitude of the do-it-yourself installer, or professional contractor, is realized with this little dynamo capable of performing at modest rates with **all fibers** (Cellulose, Fiberglass, Rockwool), and **all applications** (attic, dense packing, sidewall spray-on).

Require extreme portability with low power requirements?

Need a lightweight recycle machine for wall spray?

We've got you covered.

What a **Cool** way to start your business.



*Machine Shown with Optional Wheels

NEW HOPPER OPTION

Now Available:

An all new **Larger Steel Hopper**

featuring the same size **Loading Tray** as our CM1500!

Making loading bales of fiber that much easier!

All with the added benefit of increasing hopper capacity to 10.75 ft³ (0.30 m³)!



Production Rates:

<u>Material</u>	<u>Production Rate</u>
Cellulose	950 lbs/hr (431 kg/hr)
Fiberglass	400 lbs/hr (182 kg/hr)
Mineral Wool	600 lbs/hr (272 kg/hr)

Optimal Performance with 'ALL' Fibers

CM700S (Standard or Deluxe)



*Machine Shown with Optional Wheels

Specifications:

- **Weight:** 180 lbs. (82 kg)
- **Dimensions (LxWxH):** 28" x 22" x 58" (71.1cm x 55.9cm x 147.3cm)
- **Hopper Capacity:** 7.25 ft³ (0.21 m³)
- **Airlock Size (Ø x Long):** Ø8" x 10" with Ø2.5" Output Tube (Ø20.3cm x 25.4cm with Ø6.3cm Output Tube)
- **Drive Motor:** 1/2 h.p.
- **Blower Options (US):**
 - **Standard** – 8 amp / 104 cfm, 4.0 psi
 - **Deluxe** – 13 amp / 140 cfm, 4.0 psi
- **Blower Options (Export/CE):**
 - **Standard** – 4.7 amp / 177 m³/hr, 276 mbar
 - **Deluxe** – 7 amp / 238 m³/hr, 276 mbar
- **Power Requirements (US):**
 - **Standard** – 15/15 amp, 120 volt, double input
 - **Deluxe** – 15/15 amp, 120 volt, double input
- **Power Requirements (Export/CE):**
 - **Standard** – 8 amp, 230 volt, single input
 - **Deluxe** – 10 amp, 230 volt, single input

Quick release hopper for easy handling!



Dual Quick-release Augers for easy airlock maintenance



*Optional Ø6" (Ø15.24cm) Wheel Package



'Scalping' Auger enhances fiber conditioning!



Modular control panel with plug-in receptacles. (*Deluxe control panel shown)



Optional Steel Hopper with Loading Tray (10.75ft³ [0.30 m³]. (*Standard on CE Machines)



(CE Machine Shown)

Optimal Performance with 'ALL' Fibers

CM700R (Recycle)



*Machine Shown with Options



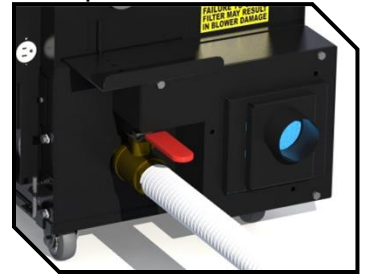
Specifications same as Standard Except:

- **Weight:** 200 lbs. (90.72 kg)
- **Dimensions (LxWxH):**
36" x 22" x 58" (91.4cm x 55.9cm x 147.3cm)

Wheel Dolly Cart for easy maneuverability!

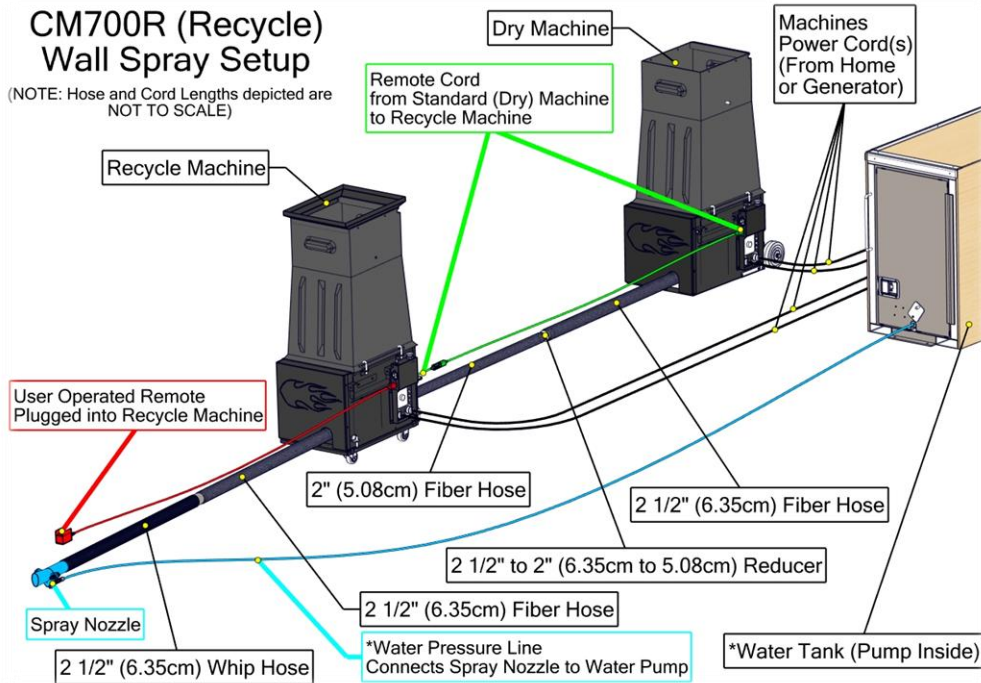


Ball Valve bypass allows for use as a Recycle or Standard Machine, or with the optional Booster Box!



CM700R (Recycle) Wall Spray Setup

(NOTE: Hose and Cord Lengths depicted are NOT TO SCALE)



Hopper Chute accommodates most generic size trash bins.



Accessories

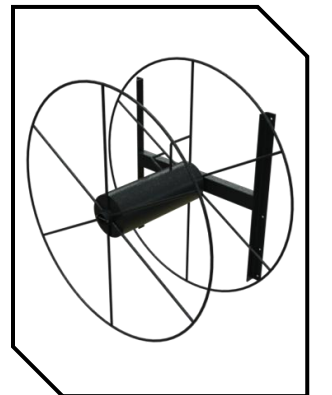
Hose Reels for Hose Protection and Storage!

Protect, manage, and store your hose during transport!

Available capacity sizes:

- Ø34" (Ø86.4cm) x 26" (66cm) wide - (38" [96.5cm] tall for Floor Mount)
 - 150' of 3" hose (45.7m of 7.6cm hose)
- Ø48" (Ø122cm) x 26" (66cm) wide - (52" [132cm] tall for Floor Mount)
 - 250' of 3" hose (76.2m of 7.6cm hose)
 - 150' of 4" hose (45.7m of 10.2cm hose)

*Also available as a Live Reel!



Optimal Performance with 'ALL' Fibers

Accessories

Wireless Remotes Because Time IS Money!

Save setup time, reduce the amount of cords, and become more efficient with our selection of Wireless Remotes!



Hose, Clamps, and Swivels... Oh My!

We offer a variety of hoses along with **EVERYTHING** you need to get your system off and running at its Coolest!



Keep the dust down!

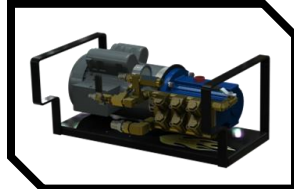
Getting dusty in the attic? Want to actually SEE where you're spraying? Our Internal Wetting System (IWS) is here to help!



*recommended 2 blower machine or Booster Box System

Wall Spray Equipment!

We have the equipment and knowledge to make sure the technique sticks with you...and your insulation sticks to the wall!



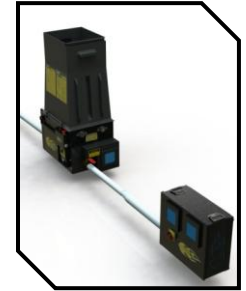
Boost your Machine!

Add **MORE** air to those smaller systems! Our Cool Booster Box adds 2 blowers worth of Air **POWER** to any system!

CM700 Deluxe
(CE Shown)



CM700R



Quick Cool Comparison



CM700

- 28" x 22" x 58" (71cm x 56cm x 147cm)
- Max Hopper Capacity: 7.25 ft³ (0.21 m³)
- 1 Centrifugal Blowers
- Ø8" x 10" Airlock (Ø20.3cm x 25.4cm)



CM1500

- 38" x 24" x 57" (97cm x 61cm x 145cm)
- Max Hopper Capacity: 13.5 ft³ (0.38 m³)
- 2 Centrifugal Blowers
- Ø10" x 14" Airlock (Ø25.4cm x 35.6cm)



CM2400

- 68 ½" x 25" x 51" (174cm x 63.5cm x 130cm)
- Max Hopper Capacity w/ Ext: 29 ft³ (0.82 m³)
- 2/4 Centrifugal OR 5hp/7.5hp PD Blowers
- Ø12" x 12"/16"/20" Airlock (Ø30.5cm x 30.5cm/40.6cm/50.8cm)

Optimal Performance with 'ALL' Fibers

A Cool Comparison: CM-700



CM-700 Standard



CM-700 Deluxe



CM-700 Recycle

Specifications		CM-700 Standard	CM-700 Deluxe	CM-700 Recycle
Airlock Size Options Dia.(Ø) x Length, Hose Output		Ø8" x 10" Long, 2.5" Hose Output (Ø20.3cm x 25.4 cm Long, 6.3cm Hose Output)		
Airlock Pressure		4.0 p.s.i. (276 mbar)		
Blower Type	US	(1) 8 amp Centrifugal Blower	(1) 13 amp Centrifugal Blower	(1) 13 amp Centrifugal Blower
	Export (CE)	(1) 4.7 amp Centrifugal Blower	(1) 7 amp Centrifugal Blower	(1) 7 amp Centrifugal Blower
Blower Volume		104 CFM (177 m ³ /hr)	140 CFM (238 m ³ /hr)	140 CFM (238 m ³ /hr)
Hopper	Standard (Poly)		7.25 ft. ³ (0.21 m ³)	
Capacity	*Metal Hopper w/ Loading Tray		10.75 ft. ³ (0.30 m ³)	
Weight		180 lbs. (82 kg)	180 lbs. (82 kg)	180 lbs. (82 kg)
LxWxH	Inches		28" x 22" x 58"	
	centimeters		71 x 56 x 127	
Loading Height	US		50" (127cm)	
	Export (CE)		55" (140cm)	
	*Hopper w/ Loading Tray		42" (107cm)	
Power Requirements	US	15/15 amp Double Input, 120 volt/60 Hz		
	Export (CE)	15/15 amp Double Input, 230 volt/50 Hz		
Drive Motor		1/2 hp		
Generator Size		5000W		
Max Hose Length		100 ft (30.48m)	150 ft (45.72m)	100 ft (30.48m)
Warranty		2 year (limited)		
Features:				
Powder Coated Metal		Yes	Yes	Yes
Check Valve Blower Protection		Yes	Yes	Yes
Hourmeter/Voltmeter		No	No	No
Pressure Gauge		No	No	No
Re-Lube Bearing		Yes	Yes	Yes
Modular Control Panel		Yes	Yes	Yes
Front Panel Reset Overloads		Yes	Yes	Yes
L.E.D. Plugs/Self Diagnostics		Yes	Yes	Yes
Heavy Duty Remote Cord		Yes	Yes	Yes
Scalping Augers		Yes	Yes	Yes
Turbo Shredder		No	No	No
Metal Hopper w/ Integrated Loading Tray * (Standard for CE Machines)		Yes	Yes	Yes
Wheel Package*		Yes	Yes	Yes
Lid & Dust Curtain*		Yes*	Yes*	No
Integrated Booster Connection		Yes*	Yes*	Yes
Recycle Fiber Vacuum System		No	No	No
Production Rates:				
Cellulose		950 (431 kg/hr)		
Fiberglass		400 (182 kg/hr)		
Mineral Wool		600 (272 kg/hr)		

(*) Denotes an Optional Accessory

Questions? Call us at 419-232-4871

Description of CM-700 Features:

- **Portable:** Smaller for easy maneuverability with a **Quick Release Hopper** for ease of transporting.
- **Ergonomic:** Side loading without risk of tripping hazard.
- **Cutting Edge Airlock:** "C" shaped design for higher pressures for pushing longer hose lengths and integrated by-pass relief tube for increased production rates.
- **Low Power Requirements:** More versatility for job site power sources.
- **Powder Coated Metal:** Powder coating provides a high quality, long lasting finish exhibiting professionalism to your customers.
- **Check Valve Blower Protection:** Protects blowers from back-flow of fibers into the blowers causing damage.
- **Re-Lube Bearings:** heavy duty, triple sealed, 'cast iron' bearings allow re-greasing to provide endless life to bearings and eliminate maintenance.
- **Modular Control Panel:** Quick release panel box with plug-in connections for easy removal (for supplier exchange) and direct power diagnostics to motors.
- **Front Panel Reset Overloads:** Easy access to re-set thermal overload protection to all motors and protected electrical components.
- **L.E.D. Plugs/Self Diagnostics:** Easy diagnostics to confirm power to motors.
- **Heavy Duty #16 Gauge Remote Cord:** Heavy gauge wire conductor with double thick protective jacket provides durability to a component exposed to extreme wear and abuse.
- **Scalping Augers:** Cool Machines proprietary technology providing enhanced fiber conditioning and positive feeding to airlock with no fiber bridging in hopper.
- **Metal Hopper with Integrated Loading Tray*:** Larger hopper opening that utilizes our CM-1500 Tray/Door allows for easier loading of machine and increased hopper capacity.
- **Wheel Package*:** Allows convenient transport of machine between vehicles and job-site.
- **Dust Curtain*:** Reduces the amount of airborne dust around the machine/loading area.
- **Integrated Booster Connection:** Allows the connection of our Cool Booster Box to the back of the machine.

Standard Poly Hopper



Deluxe Panel Box



Standard Scalping Augers



Metal Hopper with Integrated Loading Tray*



Lid & Dust Curtain*



CE Panel Box

Integrated Booster Box Connection*

