



**INNOVATION  
IN PRESERVATION**

# M2

## 230 Gallon Crack Sealer Trailer Melter/Applicator



### M-Series = Simple, Safe and Sustainable

The M-Series melter applicator includes a fully automated control panel, low-profile design for safe material loading, a diesel fired tank heating system and an engine that comes standard with lower emissions, lower fuel consumption, and quieter operation for high efficiency, high production and ease of use that continues to make Cimline the crack sealing leader.

## SPECIFICATIONS

**Cimline M2      M2 A DH #311-021-902**

### Sealant Material Tank and Melting System

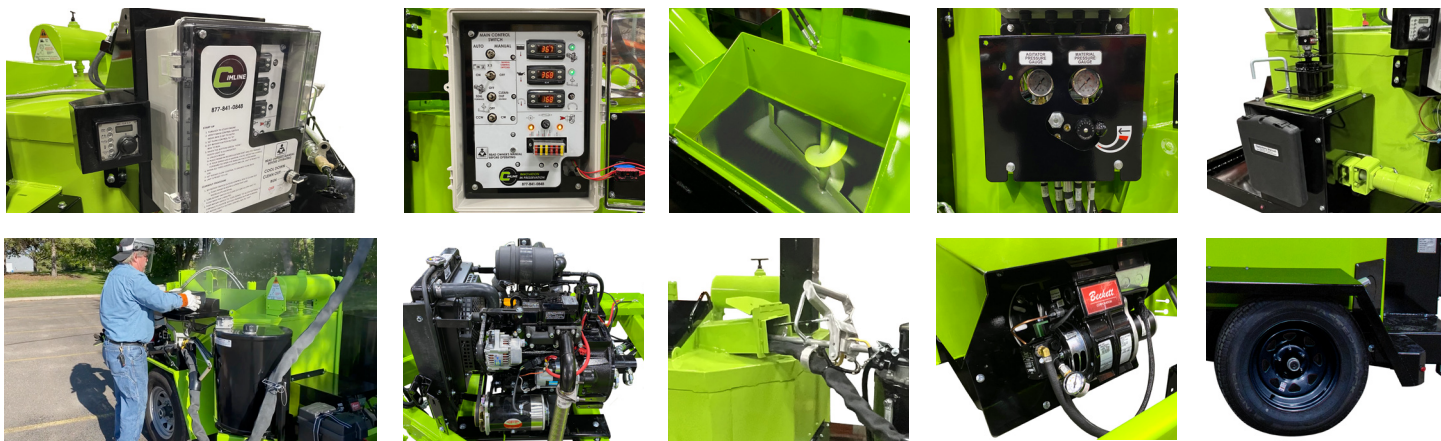
Sealant Tank Size	Working capacity 230 gallons
Sealant Control System	Adjustable digital electronic controllers for material tank, heat transfer oil and heated hose temperatures. Stowed in a weather tight operators box on curbside of machine.
Sealant Control Operations	Fully manual or automatic modes; "Auto" controls: Run / Clean Out / Cool Down / Off functions.
Sealant Control Indicators	Control panel has LED status indicators for sealant material, heat transfer oil, and heated hose temperatures "ready" as well as burner and heated hose generator "activated".
Sealant Pump Control	Pump forward/reverse and agitator can be electrically controlled by rotary switch on the front of the control panel.
Sealant Tank Design	Double jacketed boiler type, 7 gauge (.179") steel.
Sealant Tank Heating Oil	30 gallons of heat transfer oil (HTO) at ambient temperature.
Sealant Tank Construction	Tank and oil reservoir is surrounded by a 7 gauge (.179") protective outer skin.
Sealant Tank Burner	Dedicated diesel fired 290,000 BTU burner, ceramic blanket lined combustion chamber, self-contained electronic spark igniter and proof of flame protection, self-priming pump and fuel pressure gauge.
Sealant Tank Loading	15 x 26 inch, splash-free, insulated/angled loading door on curbside with 50 inch loading height.
Sealant Tank Insulation	Insulated on top, sides and bottom with 1.5" ceramic or FBX insulation.
Sealant Tank Agitation	Full sweep, direct driven, reversible, agitator shaft includes auger flighting.

### Sealant Delivery Systems

Sealant Tank Pump:	20 GPM, 25 RPM (max) variable speed, positive displacement, direct coupled, hydraulic driven reversible pump in an external heated chamber.
Sealant Pump Control	9 position adjustable digital hydraulic sealant flow controller.
Sealant Application Hose	Electrically heated floating ground design 3/4 inch inner diameter (ID), 20 feet long.
Sealant Hose Boom	Rear center mounted, 80 inch high, heavy duty collar and Oilite type maintenance free bushing.
Sealant Application Wand	Included 6063 structural aluminum construction with ball valve at end and 2.5" swivel disk.
Sealant Hose Controls	Hose includes a "dead-man" style activation switch that releases immediately should the wand be dropped.
Sealant Tank Recirculation	Back-to-tank recirculation via heated hose to eliminate temperature stratification of sealant. Two minimum 5" wand recirculation ports, located as one facing the rear of the machine and one facing the front of the machine.

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## Engine and Hydraulic Systems

Machine Engine	3 cylinder direct injected 19hp Isuzu Tier IV final diesel engine with spin-on type oil filter.
Engine Management System	Self contained digital engine management system with key switch, hour meter, burner failure indicator and auto shut down/indicator for alternator, oil and coolant faults.
Diesel Fuel Supply	33 gallon diesel fuel tank with cap integrated fuel gauge and separate dual spin on fuel filters and ball valve shut off for burners and engine fuel.
Hydraulic Fluid Supply	33 gallon reservoir with suction strainer, return filter and sight level with integrated temperature gauge.
Hydraulic Control	Manifold system with cartridge valves, pressure relief valves, nine (9) positions digital flow adjustment and motor pressure gauges.
Hydraulic Control	Electric rotary switch for pump forward/reverse, agitator forward/reverse switch on the control box door panels

## Trailer Unit

Trailer Frame	6 inch 8.2 lb. gusseted channel iron and steel tube construction.
Trailer Lighting	LED sealed lighting including stop/turn, clearance and lighted license plate bracket.
Trailer Towing	2-1/2 inch pintle towing ring, 15 to 30 inch adjustment up and down.
Trailer Fenders	12 gauge flat horizontal surface steel.
Trailer Jack	Swing-away 5000 lb. adjustable screw jack.
Trailer Axles	Dual torsion axle system rated at two (2) 3500 lbs. axles, 7000 (GAWR) total.
Trailer Safety	Electric brakes, emergency breakaway switch, radial tires, and two 3/8" x 4 foot safety chains with slip hooks.
Trailer Wiring	Woven loom, weather proof connectors at all lights, junction box for easy changeover to different types of tow plugs. Seven (7) pin flat RV round plug is standard.
Trailer and M-Series Unit Paint	Cimline safety green with black accents.

## Warranty

Trailer and Unit Warranty	Trailer and melter unit equipment is one (1) year or 1000 hours of use. Isuzu engine for 2 years or 2000 hours.
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## Options

311-215-902	LED Flashing Arrow Board, M1/M2	405585	Agitator Stop (stops material agitation at door open)
407455	Single Strobe Light Assembly, All	311-229-902	Insulated Noise Reducing Locking Engine Enclosure
407231	Dual Strobe Light Assembly, All	407983	Operator Horn Communication from Wand,
404925	Work Light Boom Mounted	303-004-000	Light Weight Wand Assembly (No-Valve)
409115	10 lb. Fire Extinguisher	309-010-902	Heated Wand Assembly, M Series
408356	Spare Parts Kit, On Board Mounted M-Series	409146	Gravity Material Draw Off Option, M1/M2
403527	Tool Box, All	ABP	All Black Paint Option
311-226-902	M2 Spare Tire and Frame Mount	SPC	Special Paint Color Option

*Due to continuous improvement, specifications are subject to change without notice.*



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