



MODERN CRACKSEALING TECHNOLOGY

# THE ROAD IS LONG....

## OUR MISSION

*To Continuously Refine  
Cracksealing Technology  
And Build The Safest,  
Most Modern And Efficient  
Melter/Applicators*

## DISTRIBUTOR DIFFERENCE

*Local support for parts, service and training is so important to your long term satisfaction. Achieve the highest equipment utilization through our knowledgeable and dedicated distributors and company store staff members. More than just equipment suppliers, our distributors and local area employees can help you write a spec or help you choose the right equipment that will result in the most modern cracksealing equipment for your operation.*

# SO MAKE IT LAST!

Municipalities and states that take a proactive approach to pavement maintenance realize a tremendous return on their investment. Studies show that for every dollar invested in pavement preservation seven dollars is saved in future costs. Send for our Free Guide to Cracksealing and discover the service you can provide the travelling public in your community with better utilization of tax dollars, less delays for road replacement and improved mobility.



# SEE THE DIFFERENCE...

You must address all areas of safety before purchasing any piece of equipment. Compare the Metro, Magma™ and Matrix melter/applicators to any competitor's model and you'll immediately see the difference.

## JOBSITE SAFETY

**SAFETY  
FIRST**

### Low Profile Wide Track

- Best stability and lowest center of gravity
- Driver has clear view of operator
- Rubber torsion axles provide better clearance
- Meets DOT 49 CFR Part 172 & 173

### Community-Friendly Features

- Noise reduction provides quiet operation for better communication
- After Burnr™ Fume Reduction Systems reduces smoke and odor
- Standard insulated engine enclosure reduces vandalism & shields workers from moving parts

### Heated and Non Heated Hose

- Trigger Flow Control and ball valve construction
- No line pressure when not sealing
- Boom height safe for any height operator
- Standard lightweight aluminum wand
- Safety chain keeps wand in port
- Longest, lightest and best insulated
- Floating ground safety

### Operation

- Lowest height, no reach, no-stress loading
- Quick-Close angled doors (Magma & Matrix) or Loading chute (Metro)
- Automatic or manual operation
- Agitator/Auger factory pre-set speed
- LED taillights for high visibility
- Heat transfer oil reservoir vented below machine away from operator.

### Maintenance Safety

- Easy burner access with flip-up cover
- Bolt-on burner chamber
- Non-submerged material pump provides safe clean out with no entry into melter tank and no use of hoisting equipment
- Spin on fuel and burner filters with shut-off valves reduce fuel spills
- Maintenance-free direct drive agitator design
- Easy engine access without removal of enclosure
- Simple change-out and access to all fluids
- Tank inspection plate
- Engine management system minimizes damage to engine from low fluids
- Efficient design eliminates overnight heaters
- Heat transfer oil overflow vents safely under equipment away from operator

# AND MAKE A DIFFERENCE

## CLEANER IS GREENER

Reduce carbon emissions with Tier 4 and CARB compliant clean burning Isuzu diesel engines that meet tomorrow's (2016) pollution requirements today.

Minimize the impact on the environment and provide a safer worksite by removing sealant odor and smoke, with:

**AfterBurnr I** is standard on all Magma models to passively reduce smoke and odors by up to 20-percent.

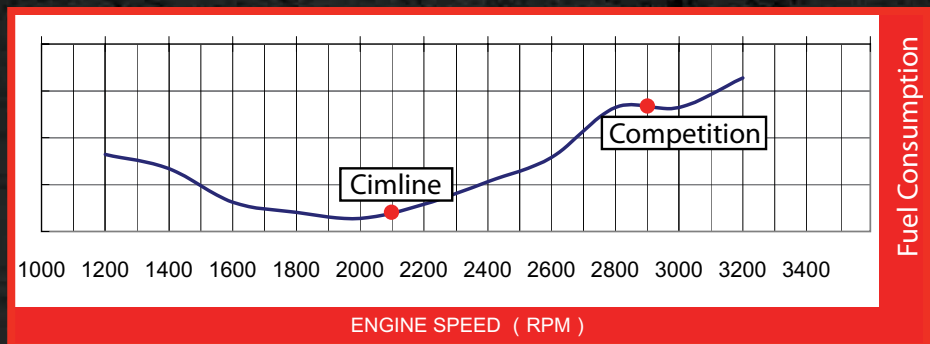
**AfterBurnr II** is standard on all Metro models to actively remove smoke and odors by up to 95-percent for virtually fume-free operation.

## QUIETER

Insulated engine enclosures and quiet mufflers provide workers with up to 50 percent less noise which also benefits community relations.

## MORE FUEL EFFICIENT

Cimeline's design operates the diesel engine at the most favorable rpm for fuel efficiency without sacrificing productivity. Realize better fuel efficiency during heat-up and recovery thanks to our warming system that utilizes less heat transfer oil. The net result is up to 25 percent better fuel efficiency than older technology.



Fuel Consumption

# M E T R O

Introducing cracksealing at the highest level of operator convenience and environmental friendliness. Borrowing from the successful AfterBurnr™ used by the Cimline Magma series, the new Metro incorporates a more effective method to control sealant fumes and emissions. The AfterBurnr II reduces smoke and odor from melting sealant by more than 95-percent, improving the work environment for operators and adding to positive community relations. Our new hose carrier offers mechanical advantages that relieve the operator from hose weight to increase performance and safety. Metro models are available in single and dual hose configurations. And a new material level indicator keeps the operator informed for maximum productivity.



165-GALLON

Big performer in a compact, single axle package.



275-GALLON

Ideal all-around size for contractors or public works.



425-GALLON

Nothing matches it for crack-sealing productivity.



## CONTROL STATION

Choose AutoStart for hands-off, worry free heating of sealant. Digital microprocessor provides diagnostics and status of all important functions.



## MATERIAL LEVEL INDICATOR

Now keep track of material levels for less waste and accurate loading. This all adds up to more productivity for more lineal feet of cracks filled in a day.

# M E T R O

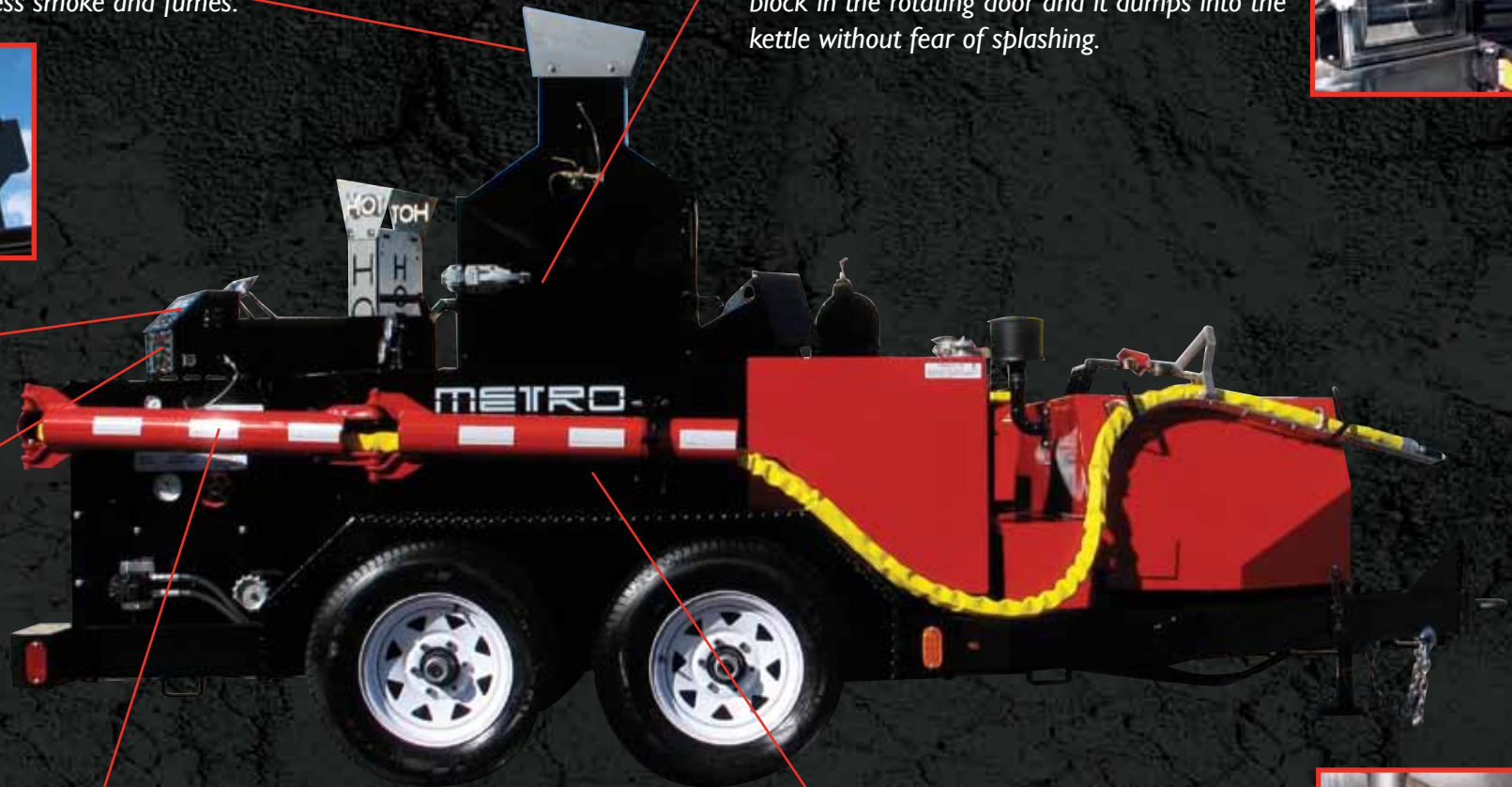
## AFTER BURNR 2®

Actively cleans emissions from melting sealant by up to 95% with less smoke and fumes.



## NO CONTACT LOADING CHUTE

Simply the safest way to load sealant. Place the block in the rotating door and it dumps into the kettle without fear of splashing.



## HOSE CARRIER

Take the load off your operator with this innovative method of moving the hose through its wide range of motion. Bind-free and fatigue free, the hose carrier also protects your hose during travel.



## AUGER/AGITATOR

The spiral raises the material and the agitator bar moves it through the kettle for even heating for better cracksealing.



# M A G M A

The Generation 3 Magma continues as the workhorse for the industry world-wide. With the most standard features, including: gull wing engine enclosure, ArmorFlex heated hose and heavy-duty material pump, the Magma is the melter/applier of choice for municipal and contractor customers.



## 110-GALLON

Our smallest pump model with enough capacity for most public works departments and contractors. This a great stand-alone crack sealer or an addition to a fleet with enough capacity to handle parking lots, driveways and light road work.



## 230-GALLON

Our most popular size, the 230 handles road maintenance with ease. Add all the options that will assist your cracksealing crew for long term pavement preservation.



## 410 GALLON

High production cracksealing was the design criteria for this large capacity Magma. Customize this unit from our options list and watch your return on investment as this unit pays for itself over and over with high performance cracksealing.

## DIGITAL CONTROL

The highest temperature accuracy of heat transfer oil, material and heated hose with all-digital control. One button start-up for everyday use and for cold weather starts, manual start-up maximizes performance.



## INTEGRATED DIAGNOSTICS

The digital controller displays fault codes if there is a problem in the heating circuit. No more trouble-shooting, the controller monitors all temperature sensors.

## AFTER BURNR

This the community friendly feature that passively reduces odor and smoke from melting sealant by up to 20 percent.

## SPLASH FREE DOOR

Low loading height combines with the easy-to-use doors to make loading safer, faster and less tiring for operators.



## MULTI-POINT OVERHEAD BOOM

Multi-point boom supports ArmoFlex heated hose to reduce fatigue and accidents. Add the dual hose option and watch production soar.

## AUGER/AGITATOR

The spiral raises the material and the agitator bar moves it through the kettle for even heating and better cracksealing. This innovative improvement is proof of Cimline's continuing design progress and dedication to modern cracksealing technology.



# MATRIX II

Value and technology combine in the proven Matrix models. Choose the no-pump 60-gallon Matrix for pour and go cracksealing with all the core features of larger models or add the latest pump technology with the 150-gallon Matrix 1500 melter/applicator designed for budget-conscious buyers. We've incorporated Cimline's safe, efficient design with our sister company Garlock Equipment's durable pump system to launch a clean-sheet approach to cracksealing for municipal and private asphalt maintenance professionals.

Start the engine and the Matrix 1500 does the rest. Temperature is controlled digitally in one degree increments to prevent scalding. Plus operators are assured of sealing at specified temperatures for maximum adhesion in the crack or joint. Plus Cimline's recirculation feature ensures even temperatures and fast heat-up. Use the Matrix 1500 in standard configuration as a long term solution to pavement preservation or add options like on-board air compressor to eliminate extra equipment on-site. Add the optional heat lance and you can blow out cracks, pre-heat the edges and seal them in one pass. A host of other options add security, convenience and safety features to satisfy every customer's preferences.

## SAFETY FIRST

From the low loading height that prevents fatigue and back injuries to the splash free loading door, Matrix is your first choice for operator safety. Compare features not marketing hype – Matrix is the first choice when safety, cost, performance and operator convenience features are considered.

## MATRIX<sup>TM</sup> SERIES



### 60-GALLON

This is the choice for parking lots, driveways or smaller municipal operations. The diesel-fired no-pump approach is as simple as opening the heavy-duty, no-drip spigot and releasing hot sealant into a walk-behind applicator or hand-held pour pot (shown with optional engine enclosure).



### 150-GALLON

Features 250,000 btu diesel burner with electronic ignition for fast heat-up and fool-proof operation. Great stand-alone melter in both pump and no pump configurations.

## MULTI-POINT OVERHEAD BOOM

Overhead multi-point boom supports ArmorFlex heated hose to reduce operator fatigue and avoid accidents.

## DIESEL POWERED ENGINE

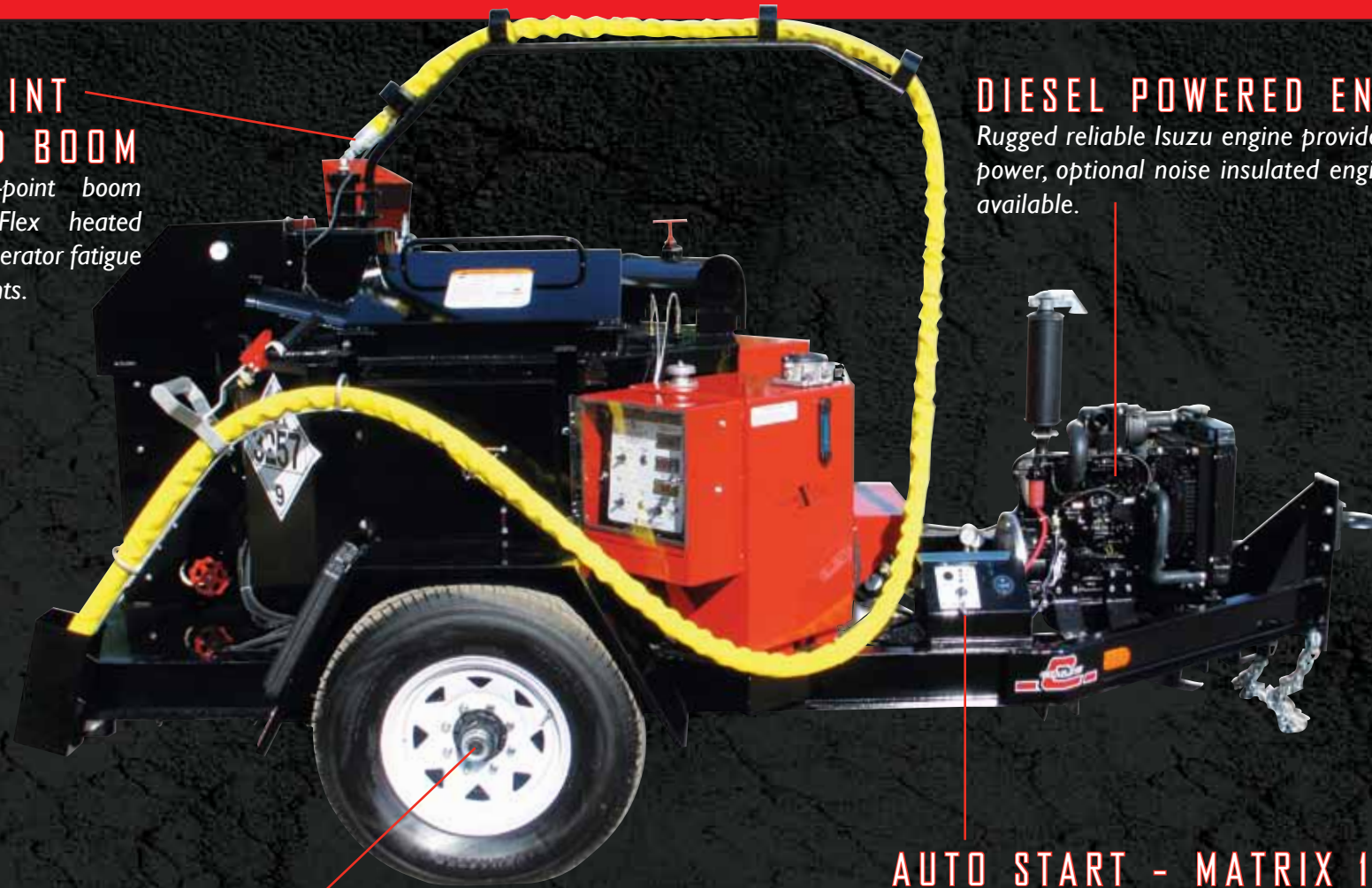
Rugged reliable Isuzu engine provides ample power, optional noise insulated engine cover available.

## SINGLE TORSION AXLE

Torsion axle provides maintenance-free operation with maximum maneuverability for tight work areas.

## AUTO START - MATRIX 1500

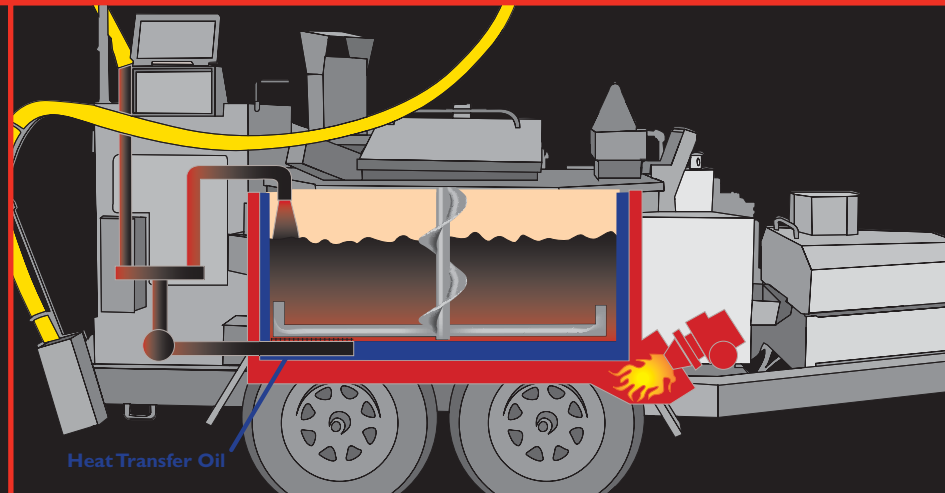
Start the engine and sealant temperature is controlled automatically in one degree increments.



# STANDARD FEATURES

## HIGH PERFORMANCE TANK

The tank is possibly the most important part of your melter because it affects heat-up and fuel efficiency. Forty years of design experience has resulted in the oil-jacketed Cimline tank with 40% less transfer oil for faster, even heating in less time. You will use less fuel with this efficient design that will provide payback on your investment every time you use it.



## INTERNAL MATERIAL RECIRCULATION

Internal Material Recirculation draws hot sealant from the bottom of the tank and continuously circulates the material back to the top. This creates uniform sealant temperature even in cooler weather and accelerates melting of new sealant blocks for fastest recovery. This continuous recirculation extends material pump life by avoiding intermittent operation and provides superior mixing over non-recirculating designs.

## NON-SUBMERGED PUMPING SYSTEM

Why bury your pump in a sealant-filled tank? This pump is easily accessible for service and can be replaced in only three hours compared to several days for a submerged pump. And there is less waste because the Cimline pump draws from the bottom of the tank. Output from the two-inch gear pump is a healthy 25-30 gpm and it is safely enclosed inside the rear of the machine.



## AUGER ASSISTED AGITATOR

Multi-directional mixing improves overall heating and flow. The Cimline design raises the material using a spiral and rotates the material with the agitator bar.



## SEALANT LOADING

Productivity soars while back injuries and fatigue drop because of our low loading heights (48-54") and specially designed loading doors. Our angled doors extend over the fenders for less reach to keep loading safe and simple.



## ULTRALITE ALUMINUM WAND

Unique design is available in three configurations – Trigger Flow Control, Ball Valve, or the UltraWand which combines the popular Trigger Flow Control with the ball valve for use on heated hoses. The wand trigger delivers material when depressed, and stops flow and pressure when released. The recirculation process continues inside the machine, eliminating temperature stratification and accelerating heat up time. The ball valve reduces drips and provides better placement of sealant.



## RUGGED CONSTRUCTION

Only Cimline delivers the rugged construction that equals longer life. Thicker gauge steel, better insulation, six-inch gusseted tube frames and over-designed components deliver unmatched reliability. That's why we include a 1 year bumper-to-bumper warranty and 10-year frame warranty (5-year on Matrix).



## ARMORFLEX HEATED HOSE

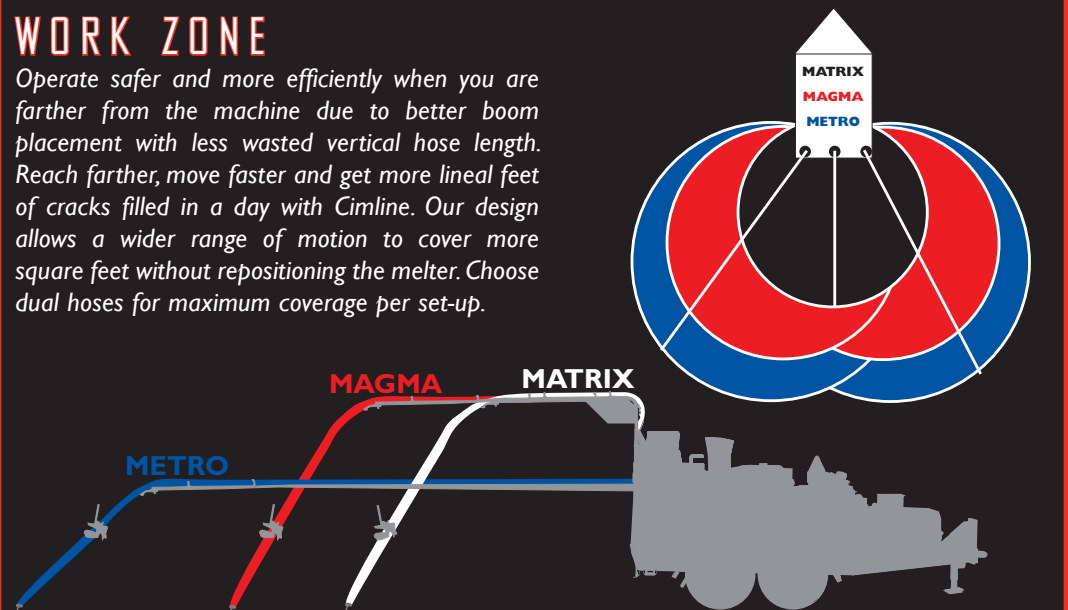
Our 20-foot ArmorFlex is the latest generation of electrically heated hose that combines flexibility with reliability. Our UltraFlexible Core is surrounded with an armor jacket in the boom area and at the wand for improved operator safety and better protection for the hose – without excessive weight. The silicone impregnated electrical element provides long life due to better shielding.

### Floating Ground Protection

ArmorFlex uses a floating ground to protect operators from any possibility of electrical shock. This is the industry standard for mobile equipment and the only safe grounding method.

## WORK ZONE

Operate safer and more efficiently when you are farther from the machine due to better boom placement with less wasted vertical hose length. Reach farther, move faster and get more lineal feet of cracks filled in a day with Cimline. Our design allows a wider range of motion to cover more square feet without repositioning the melter. Choose dual hoses for maximum coverage per set-up.



# OPTIONS

## INTEGRATED AIR COMPRESSOR

Save labor and fuel by combining crack cleaning and crack sealing with the new VMAC on-board air compressor. Heavy duty belt-driven units (100 CFM Metro, 70 CFM Magma and 54 CFM Matrix) output 100 psi continuously to an integrated 50-foot retracting hose. Clutch-operated rotary screw design provides on-demand air all day long. All components are located inside the engine enclosure for maximum noise reduction and safety. Digital controller also monitors air system with readout for diagnostics and compressor hours of operation.



## DUAL HOSE

On dual wand models, operators have the option of using two non-heated hoses, two heated hoses or one of each all on one platform. One 30 GPM pump does the work of two, reducing pump maintenance and replacement costs by 50% when compared to competitive brands. The unique surge suppression manifold and plumbing provide smooth sealant flow to each wand and consistent recirculation back to the tank.



## LIGHTING

Multiple lighting options are offered. Choose single or dual strobe lights or LED flashing arrow boards to notify traffic of your presence and direct them around the work area. Tell us what you need for worker safety...we'll build it.



# METRO SPECIFICATIONS

	<b>METRO 165</b>	<b>METRO 275</b>	<b>METRO 425</b>
Material Tank US Gallons (liters)	165 (625)	275 (1091)	425 (1609)
Engine (HP)	25.4 Diesel	25.4 Diesel	25.4 Diesel
	25 Propane	25 Propane	
Burner Fuel	Diesel or Propane	Diesel or Propane	Diesel
Burner Size (BTUs)	290,000	290,000	400,000
Material Pump GPM (LPM)	30 (114)	30 (114)	30 (114)
GVWR lb. (kg)	4500 (2041)	7500 (3402)	9500 (4309)
GAWR lb. (kg)	7000 (3175)	10,000 (4536)	10,000 (4536)
Axles	1 (torsion type)	2 (torsion type)	2 (torsion type)
Brake Type	Electric*	Electric*	Electric*
Loading Height in. (mm)	48 (1219)	48 (1219)	54 (1372)
Loading Doors	Single Curbside	Dual	Dual
Fuel Capacity gal. (liters)	32 (121)	32 (121)	32 (121)
Hydraulic Oil Capacity gal. (liters)	32 (121)	32 (121)	32 (121)
Hydraulic Cooler	STD	STD	STD
Heat Transfer Oil gal. (liters)	22 (83)	32 (121)	42 (159)
Dimensions L x W x H in. L x W x H mm	150 x 77 x 88 3610 x 1956 x 2235	165 x 87 x 90 4191 x 2210 x 2286	185 x 90 x 90 4698 x 2286 x 2286
Shipping Weight lbs. (kg)	3400 (1542)	4600 (2087)	5500 (2495)
Warranty	<b>One Year bumper to bumper</b>		

\* Also available with surge brakes.

# MAGMA SPECIFICATIONS

	MAGMA™ 110	MAGMA™ 230	MAGMA™ 410
Material Tank US Gallons (liters)	110 (417)	230 (871)	410 (1552)
Engine HP	25.4 Diesel 25 Propane	25.4 Diesel 25 Propane	25.4 Diesel
Burner Fuel	Diesel or Propane	Diesel or Propane	Diesel
Burner Size BTUs	250,000	290,000	400,000
Material Pump GPM (LPM)	30 (114)	30 (114)	30 (114)
GVWR lbs. (kg)	4350 (1973)	6840 (3103)	9520 (4318)
GAWR lbs. (kg)	4500 (2041)	7000 (3175)	10,000 (4536)
Axles	1 (torsion type)	2 (torsion type)	2 (torsion type)
Brake Type	Electric*	Electric*	Electric*
Loading Height in. (mm)	49 (1245)	48 (1219)	54 (1372)
Loading Doors	Single Curbside	Dual	Dual
Fuel Capacity gal. (liters)	30 (114)	30 (114)	30 (114)
Hydraulic Oil Capacity gal. (liters)	25 (95)	30 (114)	30 (114)
Hydraulic Cooler	Optional	STD	STD
Heat Transfer Oil gal. (liters)	20 (76)	30 (114)	40 (151)
Dimensions L x W x H in. L x W x H mm	150 x 77 x 88 3610 x 1956 x 2235	165 x 87 x 90 4191 x 2210 x 2286	185 x 90 x 90 4698 x 2286 x 2286
Shipping Weight lbs. (kg)	3,250 (1474)	4,540 (2050)	5,420 (2459)
Warranty	<b>One Year bumper to bumper</b>		

\* Also available with surge brakes.

# MATRIX II SPECIFICATIONS

	MATRIX™ 600	MATRIX™ 1500
Material Tank US Gallons (liters)	60 (227)	150 (568)
Engine HP	8 Gas / 6.5 Diesel	25 Diesel
Burner Fuel	Diesel or Propane	Diesel
Burner Size BTUs	250,000	250,000
Material Pump GPM (LPM)	No-Pump	25 (95)
GVWR lb. (kg)	2270 (1030)	4650 (2109)
GAWR lb. (kg)	3500 (1588)	7000 (3175)
Axles	1 (torsion type)	1 (torsion type)
Brake Type	Electric*	Electric*
Loading Height in. (mm)	54 (1372)	54 (1372)
Loading Doors	Single Curbside	Angled/Insulated
Fuel Capacity gal. (liters)	8 (30)	25 (95)
Hydraulic Oil Capacity gal. (liters)	15 (57)	28 (106)
Hydraulic Cooler	N/A	N/A
Heat Transfer Oil gal. (liters)	10 (38)	28 (106)
Dimensions L x W x H in. L x W x H mm	120 x 60 x 70 3048 x 1524 x 1778	150 x 81 x 86 3810 x 2057 x 2184
Shipping Weight lbs. (kg)	1,670 (758)	3,120 (1,415)
Warranty	<b>One Year bumper to bumper</b>	

\* Also available with surge brakes.

# ACCESSORIES

Ask about Cimline Accessories to match the requirements of professional cracksealing.



## PCR-25 ROUTER

Engineered for comfort and control, the PCR-25 provides smooth power with minimum vibration while the adjustable, spring-loaded handle is designed for operators of any height.



## HEAT LANCE

Our "Hot Rod" heat lance provides all the performance features to ensure cracks are properly prepared for sealant installation.



## POUR POT

Rugged 2-gallon pour pot is a valuable addition for pump or no pump models. Simply fill from spigot or wand for high production cracksealing.



## BANDER APPLICATOR

Push-style bander/applicator to provide a perfect concave seal allowing for contracting and expansion of the pavement.



## SQUEEGEE

Squeegee flattens sealant over cracks and removes excess to ensure a quality overbanded seal.



## PCS-25 SAW

Unmatched production, superior maneuverability and high performance random crack saw.



## PAVEMENT MAINTENANCE GROUP

The Cimline Pavement Maintenance Group incorporates the quality products of DuraPatcher, EQUIPT and Cimline. These three brands represent the finest in cracksealing, sealcoating and pothole patching products worldwide. Look for the names: Metro, Magma; Matrix; Asphalt Optimizer; Poly-Pro; Advantage; Edge; DuraBoxx, DuraPatcher and DuraMaxx to be assured of quality products and accessories backed by a solid foundation of parts and service. Visit [www.cimline.com](http://www.cimline.com) for access to the entire line of products from all three companies that comprise the Cimline Pavement Maintenance Group. Thanks for your interest.



**CIMLINE**

[www.cimline.com](http://www.cimline.com)

**EQUIPT**

**DURAPATCHER**

[www.durapatcher.com](http://www.durapatcher.com)





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