

# Marathon

## SPECIFICATIONS

Rubberized Compound Melter/Applicators are only part of the equipment Marathon produces for road maintenance. Contact us for the name of your closest distributor, or for information on our complete line, visit our website at: [www.marathonequipmentinc.com](http://www.marathonequipmentinc.com)

**\*SUPPLIED WITH OUR RELIABLE PATENTED OIL HEATED HOSE SYSTEM**



\*MAY BE SHOWN WITH OPTIONAL EQUIPMENT

**KERA145HD**

## RUBBERIZED COMPOUND

## MELTER / APPLICATOR WITH

## HEATED HOSE SYSTEM

Designed for high production crack filling, these powered pump kettles feature our patented heated hose delivery system. This innovative design eliminates hose clogs, the need for hose clean out and offers superior reliability compared to electrically heated hoses. Quality built and designed for performance these units also feature a low, anti-splash, reverse loading door.

## FEATURES & BENEFITS

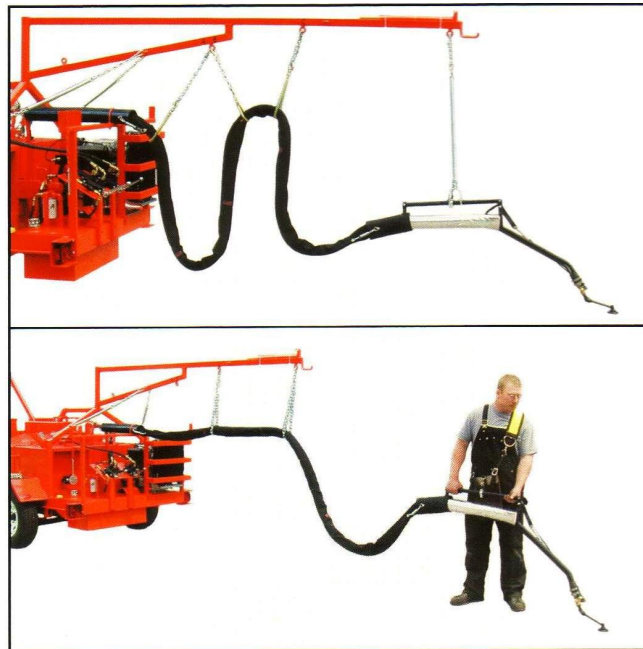
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KERA145HDC shown with optional, removable, 80 cfm air compressor.



KERA260HD features dual material loading doors and is designed with productivity in mind for larger contractors.



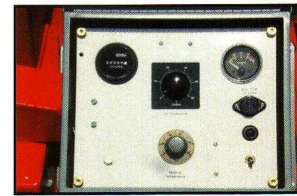
Hose boom keeps hose off of ground to improve longevity and improve operator comfort.



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## FEATURES & BENEFITS



**A.** Precise temperature control is built into our reliable, easy to use Automatic Temperature Control Unit.



**B.** Sealant Pump service is a breeze with our quick access design. No need to dismantle the kettle to remove the pump.



**C.** Easy to read, rear mounted thermometers, accurately monitor oil and sealant temperature.



**H.** Patented heated hose improves productivity and eliminates the need for flushing and bulky heated cabinets.



**D.** A sturdy frame mounted guard protects the powerful 26hp, 3 cylinder diesel engine.



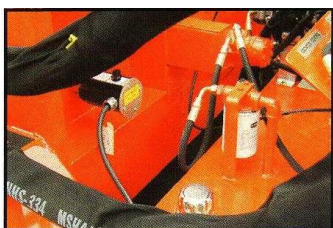
**I.** Unique swivel applicator shoe saves labour. Our wand mounted trigger accurately controls flow of sealant.



**E.** Controls for sealant delivery and variable speed, reversing agitation are centrally located for ease of use.



**J.** Easy access provided to our high output diesel burner. Quick disconnects allow service in seconds.



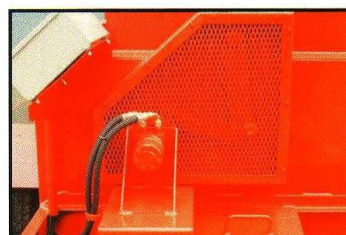
**F.** Achieve fast morning start-up with our standard electric overnight heater.



**K.** 5/16" grade 70 adjustable safety chains are standard on all models.



**G.** Low profile trailer allows safe towing with maximum visibility. All units are built on a heavy-duty tandem axle trailer.



**L.** Full sweep, floating, reciprocating agitation prevents agitator jams caused by unmelted solid material.

# FEATURES & BENEFITS

MODELS	KERA145HD	KERA260HD	KERA400HD
Shipping Weight	3750lbs (1705kg)	4950lbs (2250kg)	5650lbs (2568kg)
Dimensions			
Overall Length	185" (470cm)	192" (488cm)	252" (640cm)
Overall Width	80" (203cm)	89" (226cm)	89" (226cm)
Overall Height	78" (198cm)	82" (208cm)	82" (208cm)
Loading Height	48" (122cm)	52" (132cm)	52" (132cm)
Capacities			
Material Vat	145 gal (548 L)	260 gal (983 L)	400 gal (1512 L)
Heat Transfer Oil	30 gal (113 L)	41 gal (145 L)	56 gal (212 L)
Diesel Fuel Tank	32 gal (121 L)	32 gal (121 L)	32 gal (121 L)
Hydraulic Oil Tank	27 gal (102 L)	27 gal (102 L)	27 gal (102 L)
Engine	26hp liquid cooled, electric start, Kohler diesel	26hp liquid cooled, electric start, Kohler diesel	26hp liquid cooled, electric start, Kohler diesel
Burner	One 320,000 BTU diesel	Two 320,000 BTU diesel	Two 320,000 BTU diesel
Suspension			
Axles	Tandem, drop center	Tandem, drop center	Tandem, drop center
Capacity	7000lbs (3182kg)	10,400lbs (4727kg)	10,400lbs (4727kg)
Tires – size	(4) 205/75/R15	(4) 225/75/R15	(4) 225/75/R15
*All units are also produced with propane heating systems. Specifications subject to change without notice.			

## Patented Heated Hose System

- Sealant delivered by a hydraulically driven 2" helical gear pump.
- 23 ft. heated hose and wand assembly.
- Durable heated hose system constructed of Teflon-lined aircraft grade stainless steel provides fast, reliable, safe heating.
- This patented system has been industry proven for decades and is famous for reliability.
- Hose support system minimizes officer fatigue, prolongs hose life and promotes safe kettle operation.
- Material is dispensed on demand with a trigger controlled applicator wand.
- Sealant pressure and flow is controlled by a variable bypass control system.

## Power & Heating

- Power is provided by a rugged, low maintenance, 26hp Kohler diesel engine with high temperature and low oil pressure safeties.
- A 12 volt diesel burner provides quick heating times.
- A standard 110 volt, 1500 watt electric overnight heater maintains heat to reduce daily start-up time.
- A reliable, easy to use Automatic Temperature Controller is conveniently mounted curbside to provide safe, accurate temperature control with built in out-fire protection.

## Options

- Propane fired heating systems.
- 80 CFM compressor.
- 200,000 BTU hand held torch with 15ft. hose & propane bottle holder.
- 10lb. fire extinguisher with bracket.
- Electric breakaway switch with battery.
- Hydraulic surge brakes.
- Strobe light.
- Spare tire & rim.
- Customer's choice of standard paint colour.

## Body

- All welded construction using heavy steel panels that exceed the thickness used in competitive equipment.
- The oil jacketed material vat heats up quickly due to its large surface area.
- The lowest profile kettle in the industry provides safe, easy loading of material.
- The low center of gravity provides towing stability with high visibility for maximum operator safety.
- The kettle is well insulated with safety and fuel economy in mind.
- Reverse loading, lockable, anti-splash material door(s) provide safe loading of material.
- Increased corrosion resistance with epoxy primer and standard orange paint finish.

## Trailer

- Heavy duty channel iron frame.
- Long lasting all welded frame.
- Heavy duty, industrial grade wide tandem axles with leaf springs and electric brakes.
- Adjustable hitch with 3" pintle eye and safety chains.
- Conveniently located heavy duty, top wind jack.
- All necessary stop, turn and marker lights.

## Agitation

- Precise agitation control is achieved with a variable speed, hydraulically driven, reversible agitator.
- The reciprocating agitator is designed with safety in mind and will not jam with solid material.
- The floating agitator gently scrapes the walls of the vat to reduce coking on the vat walls and to minimize material heat up time.



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