

Oil Jacketed Melting Kettles

145, 250 & 400 Gallon Capacity, Diesel or Propane

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



KERA145HD

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

Features & Benefits

Patented Heated Hose System

- Sealant delivered by a hydraulically driven 2" helical gear pump.
- 23 ft. heated hose and wand assembly.
- Durable heated hose constructed of aircraft grade stainless steel lined with Teflon.
- Oil heated hose system provides fast heating and eliminates the need for costly, failure prone systems.
- Hose support system minimizes operator 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, 17hp or 23hp Lombardini diesel engine with high temperature and low oil pressure safeties.
- A 12 volt continuous ignition diesel burner provides quick heating times and eliminates the need for costly, failure prone control systems.
- A standard 110 volt, 1500 watt electric overnight heater maintains heat to reduce daily startup time.
- A reliable, easy to use Automatic Temperature Controller is conveniently mounted curbside to provide

J.D. Honigberg International, Inc.

650 Dundee Road, Suite 150, Northbrook, IL 60062 USA

Tel: 847-412-0200 · Email: powerequipment@jdhintl.com · www.jdhpowerequipment.com



4390 Corporate Drive
Burlington, Ontario CANADA L7L 5R3
Tel: (905) 335-0000
Fax: (905) 335-9990
www.MarathonEquipmentInc.com

safe, accurate temperature control with built in out-fire protection.

Agitation

- Precise agitation control is achieved with a 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.

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 construction - not bolted.
- 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 and directional signal lights.

Options

- Propane fired heating systems.
- 23 hp liquid cooled, diesel engine.
- 80 cfm compressor.
- Power wheel.
- 200,000 BTU hand held torch with 15 ft. hose and a propane bottle holder.
- 10 lb. fire extinguisher with bracket.
- Electric breakaway switch with battery.
- Hydraulic surge brakes.
- Strobe light.
- Customers choice of paint colour.

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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 reduce operator fatigue.



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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.

d.



A sturdy frame mounted guard protects the powerful 17 HP, 2 cylinder diesel engine.

e.



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

f.



Achieve fast morning startup with our standard electric overnight heater.

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

h.



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

i.



Unique swivel applicator shoe saves labour. Wand mounted trigger accurately controls flow of sealant.

j.



Easy access provided to our high output diesel burner. QUick disconnects allow service in seconds.

k.

3/8" grade 70 adjustable safety chains are standard on all models.

l.



Full sweep, floating, reciprocating agitation prevents agitator jams caused by unmelted solid materials.

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KERA145HD

| Models | KERA145HD | KERA260HD | KERA400HD |
|------------------------|---|---|---|
| Shipping Weight | 3750 lb (1705 kg) | 4950 lb (2250 kg) | 5650 lb (2568 kg) |
| Dimensions | | | |
| Overall Length | 171" (434 cm) | 180" (457 cm) | 200" (508 cm) |
| Overall Width | 80" (203 cm) | 89" (226 cm) | 89" (226 cm) |
| Overall Height | 78" (198 cm) | 82" (208 cm) | 82" (208 cm) |
| Loading Height | 48" (122 cm) | 52" (132 cm) | 52" (132 cm) |
| Capacities | | | |
| Material Vat | 145 gal (548 L) | 260 gal (983 L) | 400 gal. (1512 L) |
| Heat Transfer Oil | 30 gal (113 L) 4 | 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 | 17hp liquid cooled, electric start, Lombardini diesel | 17hp liquid cooled, electric start, Lombardini diesel | 23hp liquid cooled, electric start, Lombardini diesel |
| Burner | One 320,000 BTU diesel | One 360,000 BTU diesel | Two 320,000 BTU diesel |
| Suspension | | | |
| Axles | Tandem, drop center | Tandem, drop center | Tandem, drop center |
| Capacity | 7000 lb (3182 kg) | 12000 lb (5454 kg) | 12000 lb (5454 kg) |
| Tires - size | (4) 225/75R15 | (4) 235/85R16 | (4) 235/85R16 |

* All units are also produced with propane heating systems.

Specifications subject to change without notice.

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