



The Choice of Asphalt Professionals Worldwide

6561 Bernie Kohler Drive • North Branch, MI 48461

Phone: (800) 492-1757 • Fax: (810) 688-8765 • www.kminternational.com

KM 55 Rubber Melting Kettle Specification

Table of Contents

Technical Product Specifications

Item 1 KM International KM 55 Rubber Melting Kettle

<i>Section 1</i>	<i>General</i>
<i>Section 2</i>	<i>Heating System</i>
<i>Section 3</i>	<i>Construction</i>
<i>Section 4</i>	<i>Utility Hand torch</i>
<i>Section 5</i>	<i>Release Valve</i>
<i>Section 6</i>	<i>Agitation</i>
<i>Section 7</i>	<i>Warranty</i>



The Choice of Asphalt Professionals Worldwide

6561 Bernie Kohler Drive • North Branch, MI 48461

Phone: (800) 492-1757 • Fax: (810) 688-8765 • www.kminternational.com

Bidding Requirement Section

SECTION		SPECIFICATION DETAIL	COMPLY	
			YES	NO
Section 1 <u>General</u>	1.1	This specification is designed to describe a rubber melting kettle intended for crack filler rubber material.		
	1.2	The unit offers the ability to melt and maintain the recommended temperature of crack filler rubber material.		
	1.3	The heating system comes as a thermostatically controlled LPG fueled heating system.		
	1.4	The unit is compatible with spec material or direct fire material.		
	1.5	The unit is designed to hold to 55 gallons of rubber material.		

SECTION		SPECIFICATION DETAIL	Comply	
			YES	NO
Section 2 <u>Heating System</u>	2.1	The heating source is a 50,000 BTU propane gas burner.		
	2.2	Temperature is thermostatically controlled.		
	2.3	The thermostat allows the ability to control temperature settings from 100°F to 500°F.		
	2.4	Gas control valve power is supplied by a self-maintaining 750MV power pile generator.		
	2.5	An electric 9V igniter provides manual pilot ignition.		
	2.6	The main gas control valve provides the 100% safety shut off feature in the event of pilot failure.		
	2.7	An access control panel allows for the installation, removal, and maintenance of burner.		
	2.8	A combination of convection heating and conduction heating will provide the energy required to heat the material enclosed in the storage bin.		
	2.9	Vapor withdrawal from one 30 lb. LPG cylinders located at the front area of the unit with supply fuel to the burner system		
	2.10	The LPG burner is mounted under storage bin.		

SECTION		SPECIFICATION DETAIL	Comply	
			YES	NO
Section 3 <u>Construction</u>	3.1	Skin is constructed of 16 Gauge steel.		
	3.2	Funnel is constructed of 14 Gauge steel.		
	3.3	Opening lid is constructed of 20 Gauge steel.		
	3.4	High efficiency insulation and reflective material for maximum fuel economy.		



The Choice of Asphalt Professionals Worldwide

6561 Bernie Kohler Drive • North Branch, MI 48461

Phone: (800) 492-1757 • Fax: (810) 688-8765 • www.kminternational.com

SECTION		SPECIFICATION DETAIL	Comply	
			YES	NO
Section 4 <i>Utility Hand Torch</i>	4.1	Unit to come equipped with a 50,000 BTU utility hand torch.		
	4.2	The torch will be equipped with a 6' hose that draws from LPG tank.		
	4.3	A manual lighting procedure will be required for ignition.		
	4.4	On/off flow control type valve shall be attached to torch.		

SECTION		SPECIFICATION DETAIL	Comply	
			YES	NO
Section 5 <i>Flow Valve</i>	5.1	Unit will be equipped with a 2" molasses flow valve for release of material.		
	5.2	Unit will be designed to allow user to operate molasses valve on left or right hand side of unit.		

SECTION		SPECIFICATION DETAIL	Comply	
			YES	NO
Section 6 <i>Agitation</i>	6.1	Unit will be equipped with a 360° agitation paddle.		
	6.2	Agitation paddle is to manually operated.		
	6.3	Unit is design to allow user to use agitation handle from left or right side of the unit.		
	6.4	The agitation paddle can be easily removed for cleaning or replacement.		

SECTION		SPECIFICATION DETAIL	Comply	
			YES	NO
Section 7 <i>Warranty</i>	7.1	Unit will include a one-year manufacturer's warranty on all defective parts and workmanship.		