

# *Super Shot Melter/Applicators*

*Crafco Engineered System*



**CRAFCO<sup>®</sup>** INC  
**PRESERVATION PRODUCTS** **PAVEMENT**  
Delivering Confidence Through Innovation, Quality and Value Since 1976

# SUPER SHOT MELTERS

## A PART OF THE CRAFTCO PAVEMENT PRESERVATION SYSTEM

Crafco's total **Pavement Preservation Systems** include **Engineered Performance** Applicators and Sealants. Although all our melter / applicators work well with all brands of hot pour sealants, we recommend our **Performance Verified** sealants for your next project. All sealants are not alike; sealant must be engineered for the proper use and climate. To assist in selecting the right system for your specific application, consult the sealant selection guide on the Crafco web site or consult your local authorized Crafco Systems representative. Crafco Pavement Preservation Systems represent products that are 100% recyclable, from the containers that they are shipped in to the products themselves. Preserve and protect with Crafco Preservation systems.

## Engineered Performance Design

Crafco Super Shot Melter/Applicators **Engineered Performance** answer today's challenges of high energy costs and small budgets with innovative features. Available in three sizes to match budgets and job criteria, Super Shot machines get the job done correctly, quick, and economical. No other machine on the market today can match Crafco's Engineered Performance System Machines.

**Engineered Efficiency.** Crafco's Super Shot engineered pump is mounted inside the melter, eliminating material re-circulation, outside plumbing and high-pressure lines. By eliminating the need for re-circulation the pump runs only when material application is needed making this an "on-demand" system, this increases pump life and operator safety.

Additionally, an internally mounted pump requires no packing, eliminating maintenance. Less maintenance in the shop means more production on the job, more profit and less costs.

**Engineered Options and Features** Standard Engineered Features make the operation of these melters the safest and the easiest machines to operate. Many of the other features reduce labor and operating costs; the most impressive being the Super Shot Melter Engineered Options. Design the machine you want with these options. For example add an optional industrial air compressor and save the cost of running an additional engine and tow vehicle. With over 20 available options you will save time, money, and man power.



## Engineered Safety

### #1 in Safety

- 1 Angled Loading Lid
- 2 Anti-Splash Lid
- 3 Low Profile Loading Height
- 4 Hot Oil and Sealant Shut Down
- 5 Manual Record Box
- 6 Lid Agitator Shut Off Switch
- 7 Bearing Boom
- 8 Hose Cover
- 9 Low Curb Height
- 10 Hitch Extension
- 11 Quiet Operation
- 12 Curb side Controls
- 13 Heat Transfer Overflow Tank  
A jacketed melter with no overflow tank may cause ground contamination.
- 14 LED Lights Standard

Super Shot Melter/Applicators are loaded with standard safety features designed to protect the operator and the public. In addition to standard safety features there are optional engineered features such as the autoloader, which keeps the operator clear of hot sealant and adds efficiency to the process. Rear controls keep the operator away from traffic on both sides of the unit and the bearing hose boom reduces operator fatigue. Anti splash lids with safety shut off's protect the operator from sealant splash. Review the innovative features of Crafco Melters and you will find these machines to be the most safely engineered melters available.

Items not indicated: Safety Chains, Breakaway Switch, Light Board, Fire Extinguisher, Auto Shut Off, Safety Manual, and Autoloader.

CRAFTCO ENGINEERED SUPER SHOT MELTERS ARE BUILT TO LAST





## Engineered Performance Features



### QUICK AND EASY START-UP

With the flip of a toggle switch the Super Shot will be ready to operate in less than an hour. Shut down at the end of the day is just as easy.



Webbed Reinforced Welded Frame

### HEATED HOSE

The low voltage electric heated hose heats material to application temperature within 45 minutes. The hose has the longest working radius in the industry, a 360° swivel, protective sleeve, and a repairable hose and wand.



Automatic Agitator Shut-Off and Splash Proof Lid

Shut offs are incorporated into the lid, hose, wand, pump, burner, and electrical controls.



Integrated Operator Control System

Controls operate the entire unit and override possible operator error. Integrated control box houses all the gauges, switches, and engine controls.



Optional Compressor

Compressor runs air lance that is used to clean dirt and debris out of cracks, increasing crack sealing efficiency.



Optional Engine Cover

Protects engine from the elements, vandalism, and theft.



Efficient Burner

Burner is positioned safely within the frame providing protection and ample ground clearance. Time saving electric overnight heater option available.



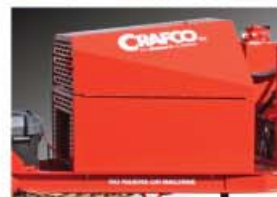
Low Profile

Low center of gravity provides easy loading, yet has ample unobstructed ground clearance for safe towing over the most rugged road conditions.

## Engineered Performance Options

Crafcro offers many Engineered Performance Options to increase production, save labor and lower operating costs. The versatility of the Super Shot units allows you to specify options in your time frame, from the initial placement of the order all the way through production. Most Super Shot units have been engineered to accept any option, whether it's an autoloader, compressor, light bar or fire extinguisher. These options will enhance production while increasing safety and security.

Engine covers and battery boxes protect the engine from the elements and adds security. The autoloader increases production, adds safety and decreases operator fatigue. The overnight heater is an on the job must if you want to reduce start up time. The light bar is for added safety to direct traffic and increase driver awareness. No other machine comes as complete or as diversified.



- Engine Cover
- Gravity Feed
- Arrow Board Kit
- Surge Brakes
- Engine w/ Gauges
- Autoloader
- 50 or 70 CFM Compressor
- Custom Paint
- Hitch Selection
- Electric Plug Selection
- Hitch Extension
- Cab Brake Control
- Break-away Battery w/ charger
- Locking Battery Box
- Light Bar
- Overnight Heater
- Fire Extinguisher - 10 or 20 lb
- Tool Box
- Safety Hooks
- Mud Flaps
- Spare Tire Kit
- Strobe Light





### Super Shot 60



The Crafcro Super Shot series melter/applicators represent the most technologically advanced melter/applicators available. These state-of-the-art machines offer the ultimate in efficiency and ease of use. The digital control features of this equipment accurately control and regulate the heating temperature of the sealant and transfer oil. The patented internal pumping system requires no clean out and features a hydraulic flow rate adjustment. The internal pump only operates when the operator activates the micro-switch on the applicator wand. With "On Demand" pumping there are no valves, fewer moving parts and no hose pressure build up. Super Shot melters will out-perform any comparable sized machine available. Crafcro offers a one-year warranty, various options, and many safety features, making these machines the greatest value with the highest productivity. The Crafcro Super Shot Melters are the most efficient and easy to use melter/applicators available today!

There are three sizes to choose from. The Super Shot 60 is a 60-gallon capacity unit, which features automatic digital controls. It is propane fired, with a heated hose and wand. This machine is designed for use on projects under 2,000 pounds of sealant per day. The Super Shot 60 is also available as a skid mount.

### Super Shot 125 with Compressor



The mid-sized 125 gallon capacity Super Shot 125 offers the best versatility. Ideal for medium to large sized projects, this unit is diesel powered, available with an optional compressor or a labor saving Autoloader. This is our most popular municipal unit.

The oversized 250-gallon Super Shot 250 is designed for large projects. This machine will out-perform any melter in its class and is available with many standard options.

### Ergonomically Engineered Loading Height Features:

- Splash proof lid
- Automatic agitation shut off
- Fume free environment
- No operator back strain
- Light weight loading lid

*Choose your size,  
choose your  
options!*







**THE MOST TECHNOLOGICALLY  
ADVANCED MELTER/APPLICATORS  
AVAILABLE.**

## Longer Pump Life • Efficient and Aggressive Agitation

The patented pump technology of the Crafcro Super Shot melters is what makes the Super Shot the most productive and lowest maintenance melter in the industry. The Crafcro patented pump is mounted inside the sealant tank. Mounting the pump inside eliminates material re-circulation, outside plumbing, and high-pressure lines, while decreasing pump wear. The Super Shot pump will last many times longer than a conventional pump. Internal pumps require no packing which eliminates maintenance and results in more production on the job.



**Super Shot 250 with Autoloader**



## Specifications

SUPER SHOT 60	SUPER SHOT 125	SUPER SHOT 250
Dimensions - 110.25" L / 62.00" W / 72.00" H	- 138.25" L / 68" W / 83.25" H (125DC - 152" L / 68" W / 83.25" H)	- 174.00" L / 91.25" W / 81.00" H
Shipping Weight - 1,500 lbs / 680.4 kg - Actual	- 2,800 lbs / 1,270 kg - Actual (125DC - 4,020 lbs / 1,823 kg - Actual)	- 5,800 lbs / 2,658 kg - Actual
Gross Weight - 2,000 lbs. / 907.2 kg - Approx.	- 5,200 lbs. / 2,358 kg - Approx. (125DC - 7,000 lbs. / 3,175 kg - Approx.)	- 9,900 lbs. / 4,490 kg - Approx.
Material Capacity - 60 Gal. / 227 liter	- 132 Gal. / 500 liter	- 250 Gal. / 946 liter
Melt Rate - 400 lbs/hr	- 1,000 lbs/hr	- 1,700 lbs/hr
Heat Transfer Oil - 21 Gal / 79 liter	- 34 Gal / 128 liter	- 49 Gal / 185 liter
Tank Construction - Double Boiler	- Double Boiler	- Double Boiler
Tank Opening - 12.25" X 15" / 311.15mm X 381mm	- 14" X 18" / 355.6mm X 457.2mm	- 16" X 24" / 406.4 mm X 609.6mm
Loading Height - 50 in. / 127 cm	- 58.0 in. / 147.3 cm	- 58 in. / 147.3 cm
Heat Input - 180,000 Btu	- 250,000 Btu	- 290,000 Btu
Diesel Fuel Capacity	- 26 Gal. / 98 Liter (125DC - 32 Gal. / 121 Liter)	- 32 Gal. / 121 Liter
Propane Capacity - 100 lbs. / 45.3 kg		
Hydraulic Oil Capacity - 26 Gal. / 98 Liter	- 26 Gal. / 98 Liter (125DC - 32 Gal. / 121 Liter)	- 26 Gal. / 98 Liter (250DC - 32 Gal. / 121 Liter)
Engine Standard - Kohler Mod. Ch205 17HP @ 3600RPM	- Three Cyl. Isuzu Mod 3CB1 25.4 BHP @ 3,000 RPM	- Three Cyl. Isuzu Mod 3CB1 25.4 BHP @ 3,000 RPM
Engine Option(W/Compressor) NA	- (53 cfm comp.) Three Cyl. Isuzu Mod 3CD1 33 BHP @ 3,000 RPM	- (53 cfm comp.) Three Cyl. Isuzu Mod 3CD1 33 BHP @ 3,000 RPM
	- (70 cfm comp.) Three Cyl. Isuzu Mod. 3CD1TK 41.6 BHP @ 3,000 RPM	- (70 cfm comp.) Three Cyl. Isuzu Mod. 3CD1TK 41.6 BHP @ 3,000 RPM
	- 5,200 lb. Torsional / 2,359 kg (125DC - 3,500 lb. Torsional / 1,587 kg)	- 5,200 lb. Torsional / 2,359 kg
Axle Capacity - 2,000 lb. Torsional / 907 kg	- ST225/75R15 (125DC - ST205/75 R14)	- ST225 / 75R15
Tires - ST175/80 D-13	- 53.8 CFM @ 100 PSI / 70CFM @ 100PSI	- 53.8CFM @ 100PSI / 70CFM @ 100PSI
Air Compressor (Optional) NA	- 4,267 in <sup>3</sup> 27,529 cm <sup>3</sup>	- 6,632 in <sup>3</sup> 42,787 cm <sup>3</sup>
Surface Area-Material Tank - 2,538 in <sup>2</sup> 16,347 cm <sup>2</sup>	- 5,244 in <sup>2</sup> 33,832 cm <sup>2</sup>	- 7,655 in <sup>2</sup> 49,387 cm <sup>2</sup>
Surface Area-Oil Tank - 3,335 in <sup>2</sup> 21,516 cm <sup>2</sup>	- 1.22:1	- 1.15:1
Ratio of Tank surface Area - 1.31:1	- Standard Super Shot	- Standard Super shot
Controls - Standard Super Shot	- Hydraulic Rear, Control Box Curb Side	- Hydraulic Rear, Control Box Curb Side
Control Location - Hydraulic Rear, Control Box Curb Side	- Electric	- Electric
Hose Style - Electric	- Electric	- Electric
Wand Style - Electric	- No	- No
Hose Compartment - No	- No	- No
Material Recirculation - No	- Dual Pillow Block Bearings	- Dual Pillow Block Bearings
Boom - Dual Pillow Block Bearings	- Front Panel Removable	- Front Panel Removable
Burner Box - N/A		

For bid specifications go to

**www.crafco.com**

**+1-800.528.8242**



# Engineered Tools

## Sealing Tips and Material Handling Tools



**Super Shot Drip Stopper** Use with Crafcro Super Shot sealing tip. Stops sealant drip once wand trigger is released.

- ① - PN# 27114 Tip Adapter
- ② - PN# 50270 Duckbill Valve
- ③ - PN# 27115 Shroud - Tip Adapter



### Swivel Applicator

3" Swivel Applicator - PN# 27120

4" Swivel Applicator - PN# 27130

Use with Super Shot Melter & E-Z Pour Melters with or w/o Drip Stopper.



### Crafcro Duckbill PN# 50270

Use with Super Shot Melter wands to prevent dripping of material.



### Crafcro Sealing Foot / Flush

Used for random asphalt and concrete

PN# 27154 - Sealing tip/ft assembly 1/4" flush

PN# 27155 - Sealing tip/ft assembly 3/8" flush



### Crafcro Sealing Foot / Protruded

Use for straight asphalt and concrete joints.

PN# 27159 - Sealing tip/ft assembly 1/4" protruding

PN# 27160 - Sealing tip/ft assembly 3/8" protruding



### Crafcro Joint Sealing Tip

Use for straight asphalt and concrete joints.

PN# 27146 - Sealing tip assembly 1/4"

PN# 27147 - Sealing tip assembly 3/8"



### Crafcro Round Sealing Tip

Multi-purpose for random cracks and joints.

Use with a squeegee for most applications.

PN# 27170 - Sealing tip assembly 3/8"

PN# 27171 - Sealing tip assembly 1/2"



### Crafcro Applicator Disk

Used for over banding, great labor saver.

PN# 27162 - 3" Disk Assembly

PN# 27163 - 4" Disk Assembly

PN# 27164 - 6" Disk Assembly

### Crafcro Heavy Duty Squeegee w/Aluminum Handle

PN# 27199

Used for leveling crack sealant and where a sealant over band is recommended.

Crafcro Replacement Blade PN# 27195



### Crafcro Heavy Duty Compact Squeegee

PN# 27245 (Aluminum Handle)

Crafcro Replacement Blade PN# 27241

PN# 27245W (Wooden Handle)

Crafcro Replacement Blade PN# 27241W

Used for leveling crack sealant and where a sealant over band is recommended.

### Crafcro Pour Pot with Wheels

PN# 40200

Used to apply a uniform band of sealant to a crack or joint. Wheeled for ease of use. Gravity feed with shut off lever.



### Crafcro Hand Held Pour Pot

PN# 40201

For application of thin crack sealant to a joint or crack. Gravity feed with shut off



**Crafcro Detack** is an economical, biodegradable liquid from Crafcro that eliminates sealant tack when sprayed onto freshly applied hot pour sealant.

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INC.

PRESERVATION PRODUCTS PAVEMENT

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