RETAIL PRICE LIST 2011, May 1

SUPERSHOT MELTERS
(STS DISCOUNT 22%)

PART #	DESCRIPTION	RETAIL PRICE
43600	SuperShot 125D	40,911.00
43800	SuperShot 125DC w/50 CFM Comp	53,455.00
45500	SuperShot 125DC w/70 CFM Comp	56,350.00
44100	SuperShot 250D	48,808.00
45200	SuperShot 250DC w/50 CFM Comp	61,120.00
45300	SuperShot 250DC w/70 CFM Comp	64,395.00

EZ SERIES II 500 & 1000 MELTERS
(STS DISCOUNT 22%)

PART #	DESCRIPTION	RETAIL PRICE
46100SB	EZ Series II 500	42,652.00
46100SC	EZ Series II 500 w/ 50 CFM Compressor	50,860.00
46100SC70	EZ Series II 500 w/ 70 CFM Compressor	51,410.00
46100EB	EZ Series II 500 Electric	46,724.00
46100EC	EZ Series II 500 Elec w/ 50 CFM Comp	55,639.00
46100EC70	EZ Series II 500 Elec w/ 70 CFM Comp	58,130.00
46200SB	EZ Series II 1000	44,272.00
46200SC	EZ Series II 1000 w/ 50 CFM Compressor	52,480.00
46200SC70	EZ Series II 1000 w/ 70 CFM Compressor	53,030.00
46200EB	EZ Series II 1000 Electric	49,352.00
46200EC	EZ Series II 1000 Elec w/ 50 CFM Comp	57,560.00
46200EC70	EZ Series II 1000 Elec w/ 70 CFM Comp	60,760.00

EZ SERIES II 1500 MELTERS
(STS DISCOUNT 29%)

46400SB	EZ Series II 1500	52,080.00
46400SC	EZ Series II 1500 w/50 CFM Compressor	62,313.00
46400SC70	EZ Series II 1500 w/70 CFM Compressor	63,177.00
46400EB	EZ Series II 1500 Electric	59,157.00
46400EC	EZ Series II 1500 Elec w/50 CFM Comp	67,382.00
46400EC70	EZ Series II 1500 Elec w/70 CFM Comp	68,257.00
46500SB	EZ Series II 1500 Double Pump	61,288.00
46500EB	EZ Series II 1500 Electric Double Pump	68,545.00

MAGNUM SPRAY PATCHER
(STS DISCOUNT 17%)

PART #	DESCRIPTION	RETAIL PRICE
91000	MAGNUM SPRAY PATCHER	64,781.00

CRAFCO™ INC
AN ERGON COMPANY

EZ SERIES II 500

EZ SERIES II 500
(132 GAL.)

Dimensions	- 194.63"L / 86.88"W / 72.00"H
Shipping Weight	- 4,500 lbs / 2,041 kg. - Actual
Gross Weight	- 5,800 lbs. / 2,631 kg - Approx.
Material Capacity	- 132 Gal. / 500 liter
Melt Rate	- 1,100 lbs/hr
Approx.. Heat Transfer Oil	- 21.5 Gal / 80 liter
Tank Construction	- Double Boiler w/ Center Column
Tank Opening	- 14" X 18" / 355.6mm X 457.2mm
Loading Height	- 53.0 in. / 134.5 cm
Heat Input	- 250,000 Btu
Diesel Fuel Capacity	- 30 Gal. / 113.5 Liter
Hydraulic Oil Capacity	- 24 Gal. / 90.8 Liter
Engine Standard	- Three Cyl. Isuzu Mod 3CB1 25.4 BHP @ 3,000 RPM
Engine Option(W/Compressor)	- Three Cyl. Isuzu Mod 3CD1 35.5 BHP @ 3,000 RPM
Axle Capacity	- Dual 5,200 lb. / Torsional ea.
Tires	- ST255/75 R15
Air Compressor (Optional)	- 53.8CFM @ 100PSI / 70CFM @ 125PSI
Surface Area-Material Tank	- 4,810 in^2 30,552 cm^2
Surface Area-Oil Tank	- 5,011 in^2 31,829 cm^2
Ratio of Tank surface Area	- 1.04:1
Controls	- Digital
Control Location	- Rear Control Station
Hose Style	- Standard or Electric
Wand Style	- Standard or Electric
Hose Compartment	- Yes
Material Recirculation	- Yes Through Shoe Box
Boom	- Sliding Bearing
Burner Box	- Removable From Side

CRAFCO™ INC
AN ERGON COMPANY

EZ Series II 1000

EZ SERIES II 1000
(265 GAL.)

Dimensions	- 193.25"L / 91.25"W / 81.00"H
Shipping Weight	- 5,632 lbs / 2,507 kg. - Actual
Gross Weight	- 7,753 lbs. / 3,526 kg - Approx.
Material Capacity	- 265 Gal. / 1000 liter
Melt Rate	- 2,100 lbs/hr
Approx.. Heat Transfer Oil	- 33.5 Gal / 126.8 liter
Tank Construction	- Double Boiler w/ Center Column
Tank Opening	- 14" X 18" / 355.6mm X 457.2mm
Loading Height	- 56.0 in. / 143.5 cm
Heat Input	- 290,000 Btu
Diesel Fuel Capacity	- 30 Gal. / 113.5 Liter
Hydraulic Oil Capacity	- 24 Gal. / 90.8 Liter
Engine Standard	- Three Cyl. Isuzu Mod 3CB1 25.4 BHP @ 3,000 RPM
Engine Option(W/Compressor)	- Three Cyl. Isuzu Mod 3CD1 35.5 BHP @ 3,000 RPM
Axle Capacity	- Dual 5,200 lb. / Torsional ea.
Tires	- ST255/75 R15
Air Compressor (Optional)	- 53.8CFM @ 100PSI / 70CFM @ 125PSI
Surface Area-Material Tank	- 7,406 in^2 47,780 cm^2
Surface Area-Oil Tank	- 7,676 in^2 49,522 cm^2
Ratio of Tank surface Area	- 1.04:1
Controls	- Digital
Control Location	- Rear Control Station
Hose Style	- Standard or Electric
Wand Style	- Standard or Electric
Hose Compartment	- Yes
Material Recirculation	- Yes Through Shoe Box
Boom	- Sliding Bearing
Burner Box	- Removable From Side

CRAFCO™ INC
AN ERGON COMPANY

EZ Series II 1500

EZ SERIES II 1500
(396 GAL.)

Dimensions	- 200"L / 92.75"W / 92.31"H
Shipping Weight	- 6,700 lbs / 3,039 kg. - Actual
Gross Weight	- 10,600 lbs. / 4,808 kg - Approx.
Material Capacity	- 396 Gal. / 1500 liter
Melt Rate	- 2,800 lbs/hr
Approx.. Heat Transfer Oil	- 45.50Gal / 170.34 liter
Tank Construction	- Double Boiler w/ Center Column
Tank Opening	- (1) 16" X 24" / 40.6cm X 60.9 cm (1) 14" X 18" / 35.6mm X 457.2cm
Loading Height	- 56.0 in. / 143.5 cm
Heat Input	- 420,000 Btu
Diesel Fuel Capacity	- 30 Gal. / 113.5 Liter
Hydraulic Oil Capacity	- 24 Gal. / 90.8 Liter
Engine Standard	- Three Cyl. Isuzu Mod 3CB1 25.4 BHP @ 3,000 RPM
Engine Option(W/Compressor)	- Three Cyl. Isuzu Mod 3CD1 35.5 BHP @ 3,000 RPM
Axle Capacity	- Dual 6,000 lb. / Torsional ea.
Tires	- LT235/85 R16
Air Compressor (Optional)	- 53.8CFM @ 100PSI / 70CFM @ 125PSI
Surface Area-Material Tank	- 9,448 in^2 60,954 cm^2
Surface Area-Oil Tank	- 9,921 in^2 64,006 cm^2
Ratio of Tank surface Area	- 1.05:1
Controls	- Digital
Control Location	- Rear Control Station
Hose Style	- Standard or Electric
Wand Style	- Standard or Electric
Hose Compartment	- Yes
Material Recirculation	- Yes Through Shoe Box
Boom	- Sliding Bearing
Burner Box	- Removable From Side

CRAFCO™ INC
AN ERGON COMPANY

Super Shot 125

Specifications

SUPER SHOT 125

Dimensions	- 138.25″L / 68″W / 83.25″H
Shipping Weight	- 38001 lbs / 1,724 kg. - Actual
Gross Weight	- 5,100 lbs. / 2,313 kg - Approx.
Material Capacity	- 132 Gal. / 500 liter
Melt Rate	- 900 lbs/hr
Heat Transfer Oil	- 34 Gal / 128 liter
Tank Construction	- Double Boiler
Tank Opening	- 14″ X 18″ / 355.6mm X 457.2mm
Loading Height	- 58.0 in. / 147.3 cm
Heat Input	- 290,000 Btu
Diesel Fuel Capacity	- 26 Gal. / 121 Liter
Propane Capacity	
Hydraulic Oil Capacity	- 21 Gal. / 79 Liter
Engine Standard	- Three Cyl. Isuzu Mod 3CB1 25.4 BHP @ 3,000 RPM
Engine Option(W/Compressor)	- (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
Axle Capacity	- 2000 lb. Torsional / 907 kg
Tires	- ST225/75R15
Air Compressor (Optional)	-53.8 CFM @ 100 PSI / 70CFM @ 100PSI
Surface Area-Material Tank	- 4,272 in^2 27,135 cm^2
Surface Area-Oil Tank	- 5,377 in^2 34,153 cm^2
Ratio of Tank surface Area	- 1.26:1
Controls	- Standard Super Shot
Control Location	- Front and Rear
Hose Style	- Electric
Wand Style	- Electric
Hose Compartment	- No
Material Recirculation	- No
Boom	- Sliding Bearing
Burner Box	- Removable Face Plate

CRAFCO™ INC
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Super Shot 250

Specifications

SUPER SHOT 250

Dimensions	-174.00"L / 91.25"W / 81.00"H
Shipping Weight	- 5,457 lbs / 2,456 kg. - Actual
Gross Weight	- 7,957 lbs. / 3,609 kg - Approx.
Material Capacity	- 250 Gal. / 946 liter
Melt Rate	- 1,700 lbs/hr
Heat Transfer Oil	- 49Gal / 185 liter
Tank Construction	- Double Boiler
Tank Opening	- 16" X 24" / 457.2 mm X 609.6mm
Loading Height	- 58 in. / 147.3 cm
Heat Input	- 290,000 Btu
Diesel Fuel Capacity	- 32 Gal. / 121 Liter
Propane Capacity	
Hydraulic Oil Capacity	- 26 Gal. / 98 Liter
Engine Standard	- Three Cyl. Isuzu Mod 3CB1 25.4 BHP @ 3,000 RPM
Engine Option(W/Compressor)	- (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
Axle Capacity	- Dual 5,200 lb. / Torsional
Tires	- ST225 / 75R15
Air Compressor (Optional)	- 53.8CFM @ 100PSI / 70CFM @ 100PSI
Surface Area-Material Tank	- 6,632 in^2 42,787 cm^2
Surface Area-Oil Tank	- 7,655 in^2 49,387 cm^2
Ratio of Tank surface Area	- 1.15:1
Controls	- Standard Super shot
Control Location	- Front and Rear
Hose Style	- Electric
Wand Style	- Electric
Hose Compartment	- No
Material Recirculation	- No
Boom	- Sliding Bearing
Burner Box	- Removable Face Plate

CRAFCO™ INC
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Magnum Spray Patcher

CRAFCO INC
AN ERGON COMPANY
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www.crafco.com

EQUIPMENT SPECIFICATIONS

CRAFCO MAGNUM

JANUARY 2004

MINIMUM SPECIFICATIONS FOR A HIGH PERFORMANCE TRAILER MOUNTED PATCHING MACHINE

It is the purpose of these specifications to describe a new self-contained, trailer mounted spray-injection patching machine. The equipment bid herein will be the manufacturer's latest current production model.

SPECIFICATIONS

The following specifications cover a high performance trailer mounted spray-injection patching machine designed for street and road maintenance. The unit shall: 1) use compressed air to clean cracks and work area surfaces, 2) spray heated emulsion over area to provide tack coat, 3) apply fully coated patch material mixture and 4) provide adequate control and workability to ensure that application of material is at grade level and proper patch density is achieved. Weight shall be approximately 7,400 LB with dimensions of 173" long, 96" wide and 93" high. Unit shall be capable of operating at temperatures down to 10°F.

WORKING AREA

Shall be minimum 1,275 square feet

BOOM

a. Shall be a low-effort, rear mounted tri-fold articulating boom with fully counterweighted arm.
b. Radius: Minimum 20 feet, 10 inches
c. Vertical Stroke: 5 feet above to 2 feet below pavement level
d. Counterweighted Arm: To be fully self supporting, capable of remaining in position anywhere within the vertical stroke without any operator pressure.
e. Operator Controls: Boom mounted to contain asphalt, aggregate, throttle, hydraulic, and horn controls.
f. Operating Position: Shall be minimum of 6 feet from material spray

All emulsion lines shall be heated by circulating transfer fluid and fully insulated from the asphalt emulsion tank to the spray nozzle.

DISCHARGE NOZZLE AND COATING SYSTEM

a. Atomized asphalt spray shall be capable of 100% coating of the aggregate prior to discharge.
b. Coating system shall have 90 to 100 PSI pressure and internal spray ring at the nozzle to create a high pressure spray bath to achieve full coating.
c. Shall have a machined aluminum nozzle and internal spray ring with ten evenly spaced emulsion openings for full and even coating. Nozzle to be tapered to accelerate material flow.
d. Unit must be capable of placing up to 7 tons of patching mixture per hour.

TANKS

a. Shall have a minimum 250 gallon pressurized, (ASME coded Vessel) completely insulated asphalt emulsion tank with steel cover and safety pressure relief valve and certified for 650°F.
b. Emulsion Tank: To be tested to 300 PSI with a coded ASME approved working pressure of 200 PSI.
c. Insulation: Emulsion storage tank shall have minimum R-Value 19 insulation.
d. Emulsion, flush and tack wand controls to be rear mounted for operator convenience
e. Emulsion must be heated with thermostatically controlled 6,000-watt electric heating elements positioned inside tank
f. Heating element housing shall be in an ASME pressure tested-tube. Heating element shall not be in direct contact with the asphalt emulsion to allow for heating element removal without draining tank and to prevent charring of asphalt.
g. Must have minimum 30 gallon pressurized flush tank.
h. Flush Tank: To be tested to 300 PSI with a coded ASME approved working pressure of 200 PSI for safety.
i. Emulsion to be pressure fed to nozzle eliminating the use of a mechanical feed pump
j. Emulsion tank and lines shall be heated with transfer fluid circulated directly from diesel engine.
k. Emulsion tank shall have 8-inch easy access lid, and 2-inch bottom discharge gate valve for clean out.

COMPRESSOR

a. Unit shall contain minimum 13.2 CFM direct drive with governor regulator control and have capabilities to piggyback a hydraulic pump
b. Maximum pressure 150 PSI
c. Compressor shall be able to pressurize ½ full emulsion tank from 0 to 100 psi in no more than 11 minutes.

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AGGREGATE DELIVERY SYSTEM

a. Hydraulic powered tailgate feeder- 68 inch screw mounted in adjustable tailgate. Gravity flow aggregate feed system not acceptable.

b. Aggregate receiver hopper- shall be minimum 1440 square inches of receiving area

c. Must be capable of consistently feeding aggregate all times when truck is positioned on curves, corners and hills.

d. Aggregate receiver must contain a 140 inch screw to deliver aggregate to the rear mounted power flow, positive air lock.

e. Aggregate screw must be hard surfaced with 1750 hardening alloy.

f. Airlock must be rear mounted

h. Aggregate feed screw shall be hydraulically powered and operated by remote switch on operator's boom. Patching machine hydraulic system must operate independently of truck hydraulics.

i. Aggregate receiver must have screen and safety switch to shut down machine when screen is removed or ajar.

j. Unit must have pressure compensated, dual flow control valve with built-in solenoid with calibrated knobs for regulating aggregate flow.

BLOWER

a. Maximum output 546-CFM

b. Unit shall have a high volume lobe type blower

c. Unit must be equipped with heavy-duty silencer

HYDRAULIC SYSTEM

a. Unit shall have minimum 17 GPM vane pump.

b. Hydraulic oil reservoir shall be minimum 22 gallons.

c. Hydraulic control valve is able to run the center auger and tailgate auger forward and reverse at the operator's console.

ENGINE

a. Shall be minimum 80 HP water cooled diesel operated

b. Unit shall be equipped with 1000 CCA battery

CHASSIS

a. Shall be heavy duty reinforced I-beam construction,interlocking, and with fully welded stress-free carbon steel with 58,000 PSI tensile strength.

b. Shall have brake lights, tail lights, and directional lights with connections to meet FMVSS108.

c. Unit shall have tandem 12,000 LB capacity torflex axles.

d. Tires shall be ST 225/75 R15 load range D.

e. Unit must have electric brakes.

f. Unit shall have adjustable 10,000 LB pintle hitch and retractable jack-stand.

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Unit shall have adjustable hitch height of 25 to 33 inches from ground level in 2 1/4 inch increments.

FILTERS

a. Engine: Dry type

b. Blower: Dry type

HOSES

a. Material hose shall be 3 inch I.D. neoprene rubber that resists curling and twisting, is adequately reinforced and rubber lined.

b. Material hose length: Shall be 20 feet in length with metal extension.

c. Emulsion: 3/8 inch ID plastic, 25 feet in length

d. All pressure hoses shall have high-pressure fittings.

e. Unit shall have 8-foot quick flush hose.

COLOR

Shall be Nason two part urethane Crafco Red, primer is a Dupont Corlar Epoxy-934S and the activator is Dupont Corlar - 936S