

SPECIFICATION COMPARISON

	Crafco EZ Series II, 1000	Cimline Magma 230	Advantage
Engine	24.5 HP Diesel	24.5 HP Diesel	<i>EQUAL</i>
Axle Type	Rubber Torsion Axle w/ Independent Suspension	Rubber Torsion Axle w/ Independent Suspension	<i>EQUAL</i>
Fuel Capacity	30 U.S. Gallons (114 L) Diesel	30 U.S. Gallons (114 L) Diesel	<i>EQUAL</i>
Hydraulic Oil Capacity	25 U.S. Gallons (95 L)		<i>EQUAL</i>
Dimensions	193”L x 91”W x 81”H	165”L x 87”W x 68”H	<i>EQUAL</i>
Loading Height	56”	48”	<i>EQUAL</i>
Loading Doors	Dual	Dual	<i>EQUAL</i>
Burner Size	290,000 BTU	290,000 BTU	<i>EQUAL</i>
Insulation	1 ½” (3.75 cm) Thick, High Temperature	1 ½” (3.75 cm) Thick, High Temperature	<i>EQUAL</i>
Applicator Hose	Standard or Heated	Standard or Heated	<i>EQUAL</i>
Frame	5” Heavy Web Channel Steel	6” x 2” x 3/16” Tubular Steel	<i>EQUAL</i>
Shipping Weight	5,527 lbs (2,507kg)	4,540 lbs (2,050kg)	<i>22% heavier</i>
GVRW	9,999 lbs	6,840 lbs	<i>46% larger payload</i>
GAWR	10,400 lbs	7,000 lbs	<i>100% greater engineering safety factor</i>
Material Tank	265 gal (1000 L)	230 gal (874 L)	<i>15% larger capacity</i>
Heat Transfer Oil	33 gal (124.9 L)	30 gal (114L)	<i>Only 10% more oil for 15% more sealant capacity</i>
Combustion Chamber	Removable - 2300°F (1260°C) non rigid insulation	Removable - 2300°F (1260°C) lining	<i>New flex insulation to resist vibration damage</i>
Thermometers	(3) digital readouts in one degree increments	(3) 150°-700°F (66°- 371°C)	<i>All digital for accurate temperature reading</i>
Material Pump	2”, 20 GPM gear pump – on demand	2” Roper gear type (5 cm) – continuous run	<i>TRUE ON DEMAND, the pump stops when sealant is not required, resulting in less pump wear</i>
HTO Tank Surface Area	Approx 96% heat transfer efficiency ratio, hot air chamber 7576 sq in, material tank 7406 sq in	Approx 87% heat transfer efficiency ratio	<i>Approximately 10% greater heat transfer efficiency</i>
Temp Control	All digital electronic with low temperature lockout for pump and agitator	Digital Electronic – burners only	<i>True lockout safety controls to prevent the unit from operating improperly. Provides automatic control of pump, agitator, burner & hose</i>
Pump and Agitation Drive	Hydraulic – forward and reverse, direct couple pump	Hydraulic – forward and reverse, belt drive pump	<i>Direct coupled pump, no belts to service</i>
Agitation	108 sq in of surface area. 19 RPM to achieve a paddle tip speed of 250’ per min	Approx 86 sq in surface area per paddle	<i>25% larger agitation Speed set at 19 RPM with 1.5 HP drive motor</i>