

**Bagela, model BA7000F portable asphalt recycling machine can recycle up to seven(7) tons per hour of either broken chunk or milled asphalt. The unit can be ordered with optional self propulsion(for trenching applications).**

**Frame.** Compact and lightweight, all steel, welded-construction. Machines can be painted a variety of colors, standard is safety red.

**Dimensions & Weight.(approx. dimensions incl. Trailer)**

Length.....5,400 mm (212 inches)  
Width.....2,000 mm (79 inches)  
Height.....2,100 mm (83 inches)  
Weight (Net).....2,500 kg (5500 lbs)

**Motive Power.**

Engine model.....1D81Z  
Engine make.....HATZ  
Power.....11.9 HP  
Features: 12V electric starter, diesel engine-powers a generator

**Hydraulics.**

Reservoir (Capacity).....75 litres (19.8 gal)  
Pump (Output).....20 L/min (5.28 gal/min)  
Motor (Capacity).....172 ccm (10.5 cu. In.)  
Cylinders (Bore x Stroke).....35mm x 600 mm (1.38” x 23.62”)  
Other Components: control valves, pressure gauges, filters, piping and hoses

**Heating System.**

Fuel ..... Diesel  
Fuel Storage ..... 125 litre (33 gal)  
Burner Type.....E.O. – B40-Z/H, Twin stage  
Maximum burner capacity.....0.90 MBTU/hr  
Burners (Number) .....1(2 stage)  
Other Components: ..... piping, hoses, solenoid valves

**Electrics.**

Battery ..... 12-volt  
Charging..... Hatz engine through an inverter  
Power converter..... 230V – 50/60HZ  
Other Components: switches, wiring, fuses and relays

**Controls**.....Engine start, Drum rotation (forward-reverse), Hopper tilt (UP/DOWN),Burner control (#0-off, #1 ventilation, #2 firing on 1 nozzle, #3 firing on 2 nozzles), Hour meter, Pressure gauges, safety switch, Temperature gauge

**Performance.**

Load Size (Nominal).....Max. 7 tph  
Recycled asphalt temperature.....controlled by operator  
Operating Temperature Range.....280°F - 350°F

Recycling time will vary depending on moisture content, ambient temperature, asphalt quality or type (millings, broken pieces).

**Operation.**

Loading.....Mechanically, broken chunk pieces or milled asphalt(RAP)  
Unloading..... self-unloading on to repair site, or into hot box/patch truck