

The **Bagela BA7000** Portable Asphalt Recycler recycles either broken chunk or milled asphalt at a rate of seven tons per hour. The BA7000 is a diesel powered, trailer mounted, continuous operating asphalt recycler, designed to recycle asphalt *using convection type heating*. By design, flame from the burner *does not* come in direct contact with material inside mixing drum. Material is loaded into front of recycler via a hydraulically operated hopper and discharged through rear of mixing drum at rear of recycler

Frame: Compact, all steel, welded-construction.

Dimensions & Weight. (Approx. dimensions incl. Trailer)

Length..... 212.59 inches
 Width.....78.74 inches
 Height.....82.69 inches
 Weight (GVWR)..... 5511 lbs

Power:

Engine model.....D 722
 Engine make.....KUBOTA
 Power.....16.3 HP
 Features: 12V electric starter, diesel engine powers generator & hydraulic pump

Hydraulics:

Reservoir (Capacity)..... 19.8 gal
 Pump (Output)..... 5.28 gal/min
 Motor (Capacity)..... 10.5 cu. In.
 Cylinders (Bore x Stroke)..... 1.38" x 23.62"
 Other Components: control valves, pressure gauges, filters, piping and hoses

Heating System:

Fuel..... Diesel
 Fuel Storage 15 gal
 Burner Type.....E.O. – B40-Z/H, Twin stage
 Maximum burner capacity.....220kw
 Burners (Number) 1(2 stage)
 Other Components: piping, hoses, solenoid valves

Electrics:

Battery..... 12-volt
 Charging Engine driven alternator
 Generator..... 230V – 50HZ
 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/hr).....7 tons per hour
 Recycled asphalt temperature.....Controlled by operator
 Operating output temperature280° F - 350° F

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

Operation:

Load.....Mechanically, broken chunk pieces or milled asphalt (RAP)
 Unloading... Self-unloading/ operator controlled

