

# Specification Sheet

# Bagela BA10000 (Kubota)

The **Bagela BA10000** Portable Asphalt Recycler recycles either broken chunk or milled asphalt at a rate of ten tons per hour. The BA10000 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:** Heavy duty, all-steel, welded-construction. Recyclers are painted safety red; standard color.

### Dimensions & Weight:

Length.....267.72 inches  
Width.....90.9 inches  
Height.....96.4 inches  
Weight (GVWR).....11,000 lbs

### Diesel Power:

Engine make.....Kubota, water cooled, 3 cyl.(or equivalent)  
Engine model.....D1105 or equivalent  
Power.....24.9 HP  
Features: ..... 12V electric starter, diesel engine-powers a generator

### Hydraulics:

Reservoir (Capacity).....44.9 gal  
Pump (Output)..... 11x11ccm  
Motor (Capacity).....25.3 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 .....80 gal  
Burner Type..... E.O. – B 45Z/H, Twin stage  
Maximum burner capacity..... 400kw  
Burners (Number).....1 (2-stage)  
Other Components: .....piping, hoses, solenoid valves

### Electrics:

Battery ..... 12-volt DC  
Charging ..... 30 Amp Alternator  
Power converter.....230V, 50Hz  
Other Components: switches, wiring, fuses and relays

**Controls:**.....Engine start, drum rotation (forward-reverse), drum speed control, 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) .....10 tons per hour  
Recycled asphalt temperature.....controlled by operator  
Operating Temperature Range .....280° F - 350° F

### Operation:

Loading.....Mechanically, broken chunk pieces or milled asphalt (RAP)  
Unloading.....Self-unloading at work site, or into hot box/patch truck



**Manufacturer reserves right to make changes in specification without notice**

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