

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.....266 inches
Width.....91 inches
Height.....97 inches
Weight (Net).....11,000 lbs

Diesel Power:

Engine make.....Kubota, water cooled, 3 cyl.
Engine model.....D1403 or equal
Power.....27 HP
Features: . 12V electric starter, diesel engine-powers a generator

Hydraulics:

Reservoir (Capacity).....44.9 gal
Pump (Output)..... 13.47 gal/min
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 58.9 gal
Burner Type..... E.O. – B 45Z/H, Twin stage
Maximum burner capacity..... 1.48 MBTU/hr
Burners (Number).....1 (2-stage)
Other Components:piping, hoses, solenoid valves

Electrics:

Battery.....12-volt
Charging Kubota engine through an inverter
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 Range280°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).