

Specification Sheet

Bagela BA7000 (Hatz)

The **Bagela BA7000** Portable Asphalt Recycler recycles either broken chunk or milled asphalt at a rate of up to 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. Heavy duty, all steel, welded-construction, standard color is safety red.

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

Length.....212 inches
Width.....79 inches
Height.....83 inches
Weight (Net).....5500 lbs

Motive Power.

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

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..... 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

Operation.

Loading.....Mechanically, broken chunk pieces or milled asphalt
Unloading..... self-unloading on to repair 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).