

Bagela, model BA10000F portable asphalt recycling machine can recycle up to ten(10) tons per hour of either broken chunk or milled asphalt.

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

Dimensions & Weight.

Length.....6,750 mm (266 inches)
Width.....2,300 mm (91 inches)
Height.....2,450 mm (97 inches)
Weight (Net).....5,000 kg (11,000 lbs)

Motive Power.

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

Hydraulics.

Reservoir (Capacity).....170 litres (44.9 gal)
Pump (Output).....51 litre/min (13.47 gal/min)
Motor (Capacity).....416 ccm (25.3 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 170 litre (44.9 gal)
Burner Type..... E.O. – B 45Z/H, Twin stage
Maximum burner capacity..... 1.48 MBTU/hr
Burners (Number) 1
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).....Max. 10 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