



## Chapter 8



# Asphalt-Recycler





# Asphalt Recycler BA 4000

Cable Laying Machinery

Pipe Renewal Winches

Asphalt Recycler

Accessories

Environment-friendly

Independent

Cost-saving



- Machine charging by height-adjustable charging tray
- Unload into wheel loader
- Unload into customary wheel barrow
- Unload via rear gate

The Recycler BA 4000 is ideal for cable and pipe grid maintenance. Wherever repairs to cable or pipes below asphalt pavements are necessary, irrespective what time of day or year, with the Bagela Asphalt Recycler BA 4000 any cut-out in pavement will be closed immediately, and any obstruction of traffic will be cleared soon.



### Empty load: 1960 kg

The Recycler may be towed by a van or normal passenger car, but also by a lorry because of the height-adjustable draw-bar.

**Maximum flexibility to your transport-fleet.**

Specifications are subject to change without notice. Output details are depending on use conditions.



## Bagela

Certified according to DIN EN ISO 9001

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# Asphalt Recycler Type BA 4000



Cable Laying Machines

Pipe Renewal Winches

Asphalt Recycler

Accessories

- **Approved for safety**
- **Soundproofed engine**
- **Thermostat-controlled oil heater**
- **Machine charging**
- **Hydraulic power transmission**
- **Bottom discharge (e.g. into normal wheel barrow)**
- **carriage with automatic reversing brake release**

Major features of the BA 4000

1. Indirect heating by oil burner with separate combustion chamber. The burner uses standard light fuel oil which is available almost everywhere. Maximum fuel economy is achieved by the hot-air guiding segments.
2. The machine is easy to operate and to keep under control. The hydraulic power transmission allows delicate control of the rotary speed and position of the mixing drum. The drum filling level and the mix temperature are indicated by easily readable meters.
3. The tandem carriage ensures good stability of the machine during mixing.

## Technical Data:

|                         |   |
|-------------------------|---|
| Length / Width / Height | 4400 / 2000 / 2000 mm   |
| Empty Weight:           | 1960 kg   |
| Diesel engine :         | Hatz 1D42Z: 4,8 kW<br>Generator: 2,0 KVA                                    |
| Mixing drum:            | Drum capacity: 800 kg<br>Flow capacity: up to 4 t/h<br>Hydraulically driven |
| Burner                  | 135 kW, Fuel consumption<br>rate: 5 kg/t                                    |
| Chassis:                | Tandem, rubber-spring axle<br>Height adjustable tow bar                     |
| <b>Order No.</b>        | <b>005.001.00</b>   |



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# Asphalt Recycler for manual embedding BA 7000 F BA 10000 F

Cable Laying Machinery

Pipe Renewal Winches

Asphalt Recycler

Accessories



**Environment-friendly**

**Independent**

**Cost-saving**

**Don't complain about high prices of mineral oil and bitumen, if you are carrying the broken asphalt or the milling material to the dumping ground over and over again!**



- **Independent:** Hot material anywhere and at any time!
- **Environment-friendly:** No transport charges, no waste of resources, no dumping of asphalt!
- **Cost saving:** 6 Litre fuel oil = 1 ton asphalt base layer.

National and international comparison analysis supply evidences for: High quality base layer can be developed from broken asphalt (base and top layer) only by competent handling of the Bagela Asphaltrecycler.

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# Asphalt Recycler for manual embedding

## BA 7000 F BA 10000 F



Cable Laying Machines

Pipe Renewal Winches

Asphalt Recycler

Accessories

**Efficient and careful heating system supported by the new heat soak and guiding segments**

### A new mixing drum system

has been designed for processing asphalt fines or for drying soil. The drum is provided with high axial webs, which, in combination with a higher mixing speed, ensure increased heat absorption by the processed material.



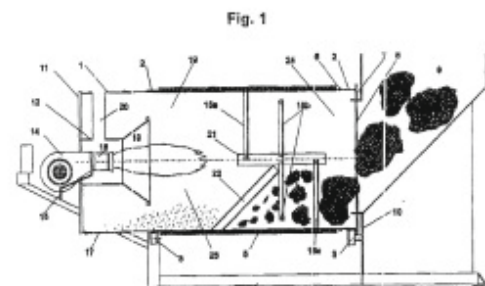
For discharging the heated asphalt direct at the place of application (pipe or cable trench), the Recycler BA 7000 F may be equipped with a traction drive.



These high axial segments, fixed inside of the mixing drum, are preventing the premature escape of heat and ensure the absorption. The broken asphalt lumps warm up while passing the segments and reaching the heating section as small fines. In the heating section the material is heated up by radiant heat, but mainly by the hot wall of the mixing drum.

After 10 minutes of heating the discharging gate is to be opened. Depending on the material and with continuous loading the output of the Asphaltrecycler BA 7000F is up to 7t/h and the BA 10000 up to 10t/h.

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### Technical Data:

| Type      | Length mm | Width mm | Height mm | Weight kg | Diesel engine | Output t/h | Oilburner kW | Brake      | Fuel oil consumption | Order No.  |
|-----------|-----------|----------|-----------|-----------|---------------|------------|--------------|------------|----------------------|------------|
| BA7000    | 5400      | 2000     | 2100      | 2300      | 1Zyl. 8.6KW   | max. 7     | 280          | Overrun    | app. 5 kg/t          | 005.301.11 |
| BA10000 F | 6750      | 2450     | 2450      | 5000      | 2Zyl. 22KW    | max. 10    | 400          | Air press. | app. 5 kg/t          | 006.001.11 |

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