

Bagela Operating instructions Spare part list Asphaltrecycler BA 10000





Bagela Baumaschinen GmbH&Co

Gottlieb-Daimler-Str. 5 24568 Kaltenkirchen Tel: +49 (0) 4191 99330 Fax:+49 (0) 4191 993399 e-mail: info@bagela.de

GERMANY

Gülzer Straße 6 19258 Boizenburg Tel: +49 (0) 38847 4080

Fax: +49 (0) 38847 40818 e-mail: export@bagela.de

GERMANY



Bagela® asphalt recycler BA 7000F / BA 10000



Index

| 1 | Safety Instructions for Asphalt Recyclers | 1 |
|-----|--|----|
| 2 | Operating instruction - short version | 2 |
| 3 | General Description | 4 |
| 4 | Procedure for reprocessing broken-up asphalt slabs | 4 |
| 4.1 | Set-up of recycler for stationary operation | 4 |
| 4.2 | Start-up | 5 |
| 4.3 | Charging | 5 |
| 4.4 | Burner operation | 5 |
| 4.5 | Discharging | 6 |
| 4.6 | Work interruption | 6 |
| 4.7 | Drum cleaning | 6 |
| 5 | Procedure for reprocessing milling asphalt (asphalt fines) | 7 |
| 5.1 | Setting up of the recycler | 7 |
| 5.2 | Charging | 7 |
| 5.3 | Discharging | 7 |
| 6 | Trouble shooting diagram for light oil burner | 8 |
| 7 | Maintenance instructions | 10 |
| | | |

Attachment



Bagela® asphalt recycler BA 7000F / BA 10000



1 Safety Instructions for Asphalt Recyclers

- 1. Before putting the recycler into operation, familiarise yourself fully with all parts of the machine and its functions.
- 2. Carefully read the operating instructions issued by the manufacturer.
- 3. Before starting the recycler, check if all protective guards and devices are in place and in good working order.
- 4. Before starting the recycler, check if all operating controls and safety devices function properly.
- 5. If safety devices are out of order or if there are any other shortcomings, which may interfere with the safe operation of the recycler, inform your supervisor immediately.
- 6. If there are any faults, which may interfere with safe operation, shut down the recycler immediately.
- 7. Do not leave the recycler at the end of the working day unless you have switched off the engine and secured the asphalt recycler against accidental movement or unauthorised use.
- 8. Before operation, put up the recycler where it does not interfere with the regular road traffic. If necessary, ensure that the traffic flow is bypassed.
- 9. Do not undertake any repair or maintenance work with the recycler running unless specifically required for resettings and/or readjustments.
- 10. After any repair or maintenance work, make sure all protective guards and devices have been refitted properly.
- 11. The recycler should be inspected for good operation by a duly qualified mechanic at least once a year.



asphalt recycler BA 7000F / BA 10000



2 Operating instruction - short version

Setting-up of asphalt recycler:

- Before uncoupling the recycler from the towing vehicle, put chocks against the wheels and apply the hand brake.
- Let the rear props down to the ground and secure them with pins.
- With the aid of the spirit level at the chassis, level out the recycler into horizontal position by turning down the forward propping jacks.
- Do not place the unit below overhead power lines, parts of buildings or trees to avoid fires.

Putting recycler into operation:

- Start engine and bring it to full speed.
- Engage the tumbler driving system.

Burner operation:

- Caution! Do not start the burner unless the tumbler is turning.
- Set burner to 1st firing stage (switch position 2).
- After about 2 minutes, when the flame has stabilised, set burner to 2nd firing stage (switch position 3).
- Set thermostat to the required temperature.

I. first burner stage max. 180°C: red pointer II. second burner stage max. 150°C: green pointer

Charging:

- Fill asphalt into the recycler until the reading of the hydraulic oil pressure gauge is
 - at 80 bar for processing asphalt lumps, or
 - at 60 bar for processing asphalt fines.

DO NOT OVERFILL THE TUMBLER TO AVOID EXCESSIVE SMOKE EMISSION!

Discharging:

At the beginning of asphalt reprocessing there may be a delay in true temperature reading due to the fact that the temperature of the charge is measured via the soak heat.

- Make sure the first batch of reprocessed asphalt is discharged 10 minutes after start-up, irrespective of the temperature reading.

Warning: Load becomes inflammable, should sojourn duration dwell.

- During continuous operation, keep the contents of the tumbler to a level corresponding to 80 bar (for asphalt lumps) or 60 bar (for asphalt fines) on the hydraulic oil pressure gauge, keep the burner firing at its maximum rate (second stage) and discharge the reprocessed asphalt continuously.

Stopping operation:

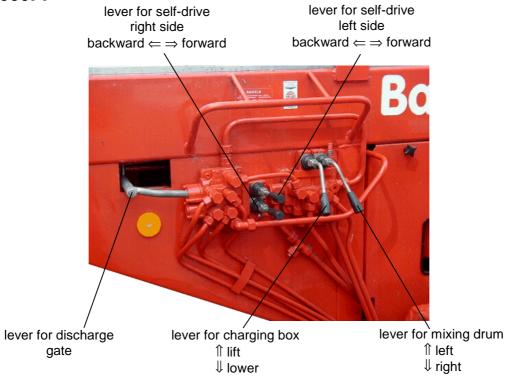
- Switch off the burner (to stage 1 burner fan blowing)
- Make sure the tumbler is empty.
- Stop the tumbler drive so that the outlet gate is in low position.
- Leave the engine running and the burner fan blowing (burner switch on 1) until the tumbler has cooled down to 100 °C.

Type of oil to be used: light fuel oil. Consumption rate: 5 kg/t

Bagela® asphalt recycler BA 7000F / BA 10000

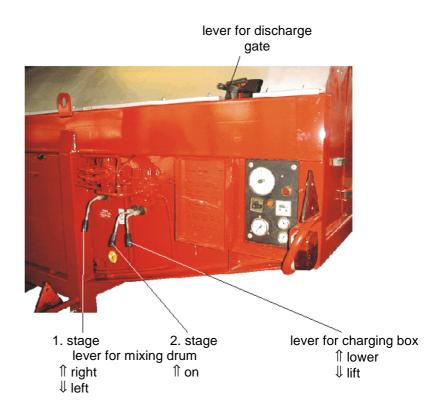


BA 7000F:



BA 10000:





Control lever for self-drive only for recyclers with extra-outfit self-drive.



asphalt recycler Bagela® asphalt recycler BA 7000F / BA 10000



3 General Description

The asphalt recyclers BA 7000F and BA 10000 may be used for reprocessing cold asphalt mix (fines, milling asphalt) and broken-up asphalt slabs of sizes up to 300 mm by 400 mm by 100 mm (BA 10000: 400x500x100). Thicker slabs should be broken down to lumps of 300 mm side lengths.

Do not fill more than 1100 kg into the tumbler of the BA 7000F (BA 10000: 2000 kg), which corresponds to 80 bar on the hydraulic oil pressure gauge.

Transport:

- Adjust the drawbar so that the recycler is in horizontal position and the permitted supporting load will not be exceeded.

Procedure for reprocessing broken-up asphalt slabs

Set-up of recycler for stationary operation

- Before uncoupling from the towing vehicle, secure the recycler against accidental movement by chocks and applying the hand brake.
- Let the rear props down to the ground and secure them with pins.
- With the aid of the spirit level at the chassis, level out the recycler into horizontal position by turning down the forward propping jacks.
- Do not place the recycler below overhead power lines, parts of buildings or trees to avoid fires.
- Top up fuel oil for the burner and diesel for the engine.
- Check the engine oil level and top up if required.

Use clean fuel only. At temperatures below zero add a suitable fuel flow improver. Never start the engine and the burner while the recycler is being moved.



asphalt recycler Bagela® asphalt recycler BA 7000F / BA 10000



4.2 Start-up

- For engine start-up see separate operation instruction.
- To attain the voltage required for starting the oil burner, push the accelerator lever up against its maximum stop.
- Engage the tumbler;

upper position = forward mode

middle position = neutral

lower position = reverse mode, lever must be held down

THE POSITION OF THE OPERATING LEVER CORRESPONDS TO THE TURNING **DIRECTION OF THE TUMBLER.**

- Before reversing the tumbler, make sure it is revolving at slow speed.
- To avoid excessive shocks on the structure due to unbalance in the tumbler, never move the lever abruptly and in a jerky manner. However, any shocks due to rough treatment will be absorbed by the shock valves.

4.3 Charging

- Fill asphalt lumps into the recycler until the hydraulic oil pressure gauge shows approx. 80 bar.

DO NOT OVERFILL THE RECYCLER TO AVOID EXCESSIVE SMOKE EMISSION.

4.4 **Burner operation**

Caution: Do not start the burner unless the tumbler is turning.

- Set burner to 1st firing stage (switch position 2).
- After about 2 minutes, when the flame has stabilised, set burner to 2nd firing stage (switch position 3).
- Set thermostat to the required temperature.

I. first burner stage max. 180°C: red pointer II. second burner stage max. 150°C: green pointer



asphalt recycler BA 7000F / BA 10000



4.5 Discharging

At the beginning of the asphalt reprocessing there may be a delay in true temperature reading due to the fact that the temperature of the charge is measured via the soak heat.

- Make sure that the first batch of reprocessed asphalt is discharged 10 minutes after startup, irrespective of the temperature reading.

Warning: Load becomes inflammable, should sojourn duration dwell.

- During continuous operation, keep the contents of the tumbler to a level corresponding to 80 bar on the hydraulic oil pressure gauge and keep the burner firing at its maximum rate (second stage) and discharge the reprocessed asphalt continuously

Opening and closing of the discharge gate:

The discharge gate is mechanically opened and closed via the hydraulic tumbler drive by moving a control rod to either stop.

Open the gate: by pushing the control rod in; the tumbler operates in reverse mode

Close the gate: by pulling the control rod out; the tumbler operates in forward mode

Attention: To open or close the discharging mouth , the drum of the BA 10000 may only rotate in speed level 1!

4.6 Work interruption

- If the work is to be interrupted for up to thirty minutes, discharge the tumbler to one third or half of its contents, close the discharge gate, keep the tumbler turning and the burner firing at low rate (first stage)
- If the work is to be interrupted for more than 30 minutes, discharge the tumbler completely and switch off burner and engine
- At continuous operation keep the contents of the tumbler at a level corresponding to 80 bar on the hydraulic oil pressure gauge, keep burner operation at maximum rate and discharge the reprocessed asphalt continuously.
- Fill asphalt lumps into the recycler until the reading of the hydraulic oil pressure gauge is 80 bar and in case of asphalt fines at 60 bar.

4.7 Drum cleaning

- To make sure that all asphalt lumps in the tumbler are thoroughly heated through, close the discharge gate and keep the contents tumbling for five minutes at the first burner firing stage.
- Then open the discharge gate and, with the aid of the forward propping jacks, lower the discharge end of the recycler to ensure complete discharge
- Remove any stones trapped in the tumbler by fully opening the discharge gate and the grating (manually)
- Close the grating and the discharge gate, keep engine and burner fan running until the tumbler has cooled down to 100°C.
- Finally switch of burner and engine and shut down the recycler.



asphalt recycler BA 7000F / BA 10000



5 Procedure for reprocessing milling asphalt (asphalt fines) (differs from procedure for reprocessing broken-up asphalt lumps)

5.1 Setting up of the recycler

With the aid of the spirit level at the chassis, level out the recycler by turning the forward propping jacks into such a position that the discharge end is slightly raised above the horizontal (half a bubble in the spirit level).

5.2 Charging

Attention: Charge only asphalt fines which have been stored in a dry place!

- Charge the recycler continually to keep the contents at a constant level corresponding to about 60 bar on the hydraulic pressure gauge.

DO NOT OVERFILL THE RECYCLER TO AVOID EXCESSIVE SMOKE EMISSION.

5.3 Discharging

- Open discharge gate half-way.
- Discharge the reprocessed asphalt continuously at a ratio equal to the charging rate.
- If the temperature of the tumbler contents rises above normal, open the discharge gate a little more and lower the discharge end by means of propping jacks.
- If the temperature falls, close the discharge gate further and raise the discharge end.



Bagela® asphalt recycler BA 7000F / BA 10000



Trouble shooting diagram for light oil burner

| TROUBLE OBSERVED | INSTRUMENT READING | POSSIBLE CAUSES | CORRECTION |
|-------------------------------|--|--------------------------------|---|
| General trouble | | incorrect basic adjustment | check basic settings |
| | | | check power supply |
| Motor of burner does not turn | stage 1 | no power supply | check power supply |
| | | | operate overload switch at generator |
| Burner on, but no flame | vacuum gauge exceeds 0,4 bar | filter blocked | replace filter cartridge |
| malfunction lamp burns | | | clean filter strainer |
| | vacuum gauge remains below | pump entrains air | fill fuel oil tank |
| | 0,4 bar | | replace O-rings |
| | pressure gauge does not rise | | check suction line for leaks |
| | | | shut vent cock |
| | vacuum gauge remains below | photosensor gets outside light | push photosensor into bushing, |
| | 0,4 bar | | glass side should be towards tumbler |
| | pressure gauge at: 13 bar - BA 7 / 16 bar - BA 10 | nozzle blocked | replace nozzle |
| | | no ignition spark | check transformer, cables and ignition |
| | | | electrodes; |
| | | | replace ignition electrodes |
| | | solenoid valve defective | check plug for proper seating; check and, |
| | | | if necessary, replace solenoid valve |
| | | incorrect voltage | check generator voltage 230V 50Hz; |
| | | | tense V-belt |
| | | | adjust engine speed |
| | | oil firing control defective | replace oil firing control |
| Burner on, flame on, but goes | pressure gauge at: | photosensor defective | check connection of photosensor |
| out again | | | if necessary replace photosensor |
| malfunction lamp burns | | incorrect burner head | check basic settings |
| | | adjustment | |
| | | oil firing control defective | replace oil firing control |

Bagela® asphalt recycler BA 7000F / BA 10000



| TROUBLE OBSERVED | INSTRUMENT READING | POSSIBLE CAUSES | CORRECTION |
|---|--|--|---|
| Burner on, flame on and out at intervals | | temp. control setting too low safety thermostat actuates | set green pointer to 150 ° C set red pointer to 180° C charge the tumbler |
| malfunction light not on | vacuum gauge exceeds 0,4 bar | fuel starvation | replace filter cartridge and clean filter strainer screw off pump cover and clean pump strainer |
| Burner on, flame on and out at intervals malfunction light on | vacuum gauge below 0,4 bar pressure gauge oscillates below: 13 bar - BA 7 / 16 bar - BA 10 | fuel starvation pump entrains air | fill up fuel oil tank replace O-rings check suction line for tightness |
| | vacuum gauge below 0,4 bar pressure gauge below: 13 bar - BA 7 / 16 bar - BA 10 | fuel starvation | set pump pressure to 13 bar - BA 7 or 16 bar - BA 10 replace pump |
| Burner on, flame on but tears off | | incorrect air setting | check basic setting move jet pipe slightly forward or backward reduce air intake by turning adj. ring |
| Burner on, flame on in stage 1, but goes off in stage 2 after a while, the same happens again malfunction light remains off | vacuum gauge below 0,4 bar pressure gauge: 13 bar - BA 7 / 16 bar - BA 10 | air in pressure line | unscrew pressure line at control cylinder, switch on burner, flame goes on and out after long intervals; as soon as fuel oil flows out without air bubbles, close pressure line |
| | | too much air intake | close air flap of stage 2 a little |
| Black smoke comes out of the burner | | too little air intake | increase air intake |
| Blue smoke comes out of the burner | | too much air intake | decrease air intake |



Bagela® asphalt recycler BA 7000F / BA 10000 asphalt recycler



Maintenance instructions

- As soon as the pointer of the filter fouling indicator moves into the first red field (-0,3 to -0,4 bar), discard the fouled filter and insert a new one.
- If the filter gets clogged up frequently, clean the fuel tank.
- For engine maintenance see separate operating instructions.
- For burner maintenance see separate operating instructions
- Change the hydraulic oil and filter once a year.
- Relubricate the chain and sprocket drive before each operation.
- Relubricate the four tumbler rollers every 20 operating hours.



asphalt recycler



Attachment

- I. EC-Declaration of Conformity
- II. Technical Data
- III. Two-Stage-Oil-Burner
- IV. Hydraulic Diagram
- V. Electric diagram
- VI. Lighting system

Bagela® asphalt recycler



EC-Declaration of Conformity

Bagela Baumaschinen GmbH & CO.

Gottlieb-Daimler-Straße 5 D-24568 Kaltenkirchen / Germany

Tel.: +49 (0) 41 91 99 33 0



Name and address of

acc. 98/37/ EEC

Bagela Baumaschinen GmbH & CO.

manufacturer:

Gottlieb-Daimler-Straße 5

D-24568 Kaltenkirchen / Germany Tel.: +49 (0) 41 91 99 33 0 Fax.: +49 (0) 41 91 99 33 99

Description:

Designation: Asphalt Recycler

Type: BA Output: 4 - 10 t/h

Ident. No.: W09..2KB13101 to W09..2KB13699

Legal provisions:

98/37/EEC Directive concerning legal regulations of member

states for machines

Harmonised standards:

EN 292 Part 1 Safety of machines; basic terminology, general

design principles

EN 292 Part 2 Safety of machines; basic terminology, general

design principles

EN 294 Safety of machines; safety clearances from

dangerous points

EN 349 Safety of machines; safety clearances to avoid

personal injuries

National standards and technical

specifications:

UVV-VBG 1

Basic national regulations

Signature:

Kaltenkirchen, 12.Dec.01

D. Marquardt



asphalt recycler



Type: BA 10000

Serial No.: W09A102052KB13201

Drive engine: 4-cyl. diesel engine, electric start

Power: 20 kW

Heating: Two-Stage-Oil-Burner

Thermostatic control

Effect 400 kW

Fuel light fuel oil

Consumption approx. 5 kg/to

Generator 220 V / 2 kVA

Output up to max. 10 to/h

Drum filling approx. 2000 kg

A-sound level (medium value at a distance of 7 m and 1 m height)

idle running

idle running 61 dB(A) max. speed 74 dB(A)

Chassis tandem-chassis

electric brake

height adjustable draw bar

ring eye (DIN)

admissible weight 5000 kg coupling height 650-1250 mm

tyres 215/70 R17,5

Length 5400 mm Width 2000 mm Height 2100 mm

Weight: 4400 kg

Two-Stage-Oil-Burner

EO-B 45-Z/H

(Special construction for BAGELA Asphalt-Recycler)

Technical Information

Content

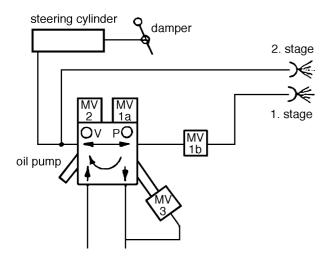
| Burner components | | Maintenance of the Oilburner | 6 |
|----------------------|---|-------------------------------|---|
| and their function | 2 | Instructions Pump Type Suntec | 7 |
| Technical Data | 4 | | |
| General Instructions | 5 | | |

Burner components and their function

The EO-B 45-Z /H is a special designed 2-stage oil-burner to heat the BAGELA Asphalt-Recycler BA 10000.

The burner casing is manufactured from Silumin. Fuel-pump and E-motor are flanged to the casing. Both are coupled with an elastic PERBUNAN-shaft.

The fan sucts the combustion air via the inlet-system through the basket-typ design of the pump-coupling. Under full-load capacity (burner operation position "3" on the switch board) the combustion-air-supply is adjustet via the air inlet-system. Under part-load (burner operation position "2" on the switch board) the air-supply is reduced through a steering cylinder which moves the damper at the air supply. The opening angle of the damper is preadjusted with the adjusting screw at the steering cylinder (see Fig. 1). During operation the air flow is steered automatically from the pressure in the fuel pipe. The cylinder is de-aerated before supply. If needed, it can be de-aerated on site with the aim of the screw connection on the pressure side.



To operate the burner at both stages the fuel supply to the two nozzles takes place via 3 magnetic valves (see Fig. 1). A safety valve (MV1a) and the 2 further valves MV1b and MV2, which releases the fuel flow. Under full-load mode the release of the magnetic valve MV2 opens simultaneously the steering cylinder including the damper, which releases the total air flow to the combustion head. At the first start-up or at restart after a refilled storage tank, all fuel tubes can be de-aerated by opening the magnetic valve MV3 (see Fig. 1). Procedure: Press trouble light switch till the light shines. MV3 is open. After about 4 min. press trouble light switch again. Trouble light dims out. The burner is in full function again.

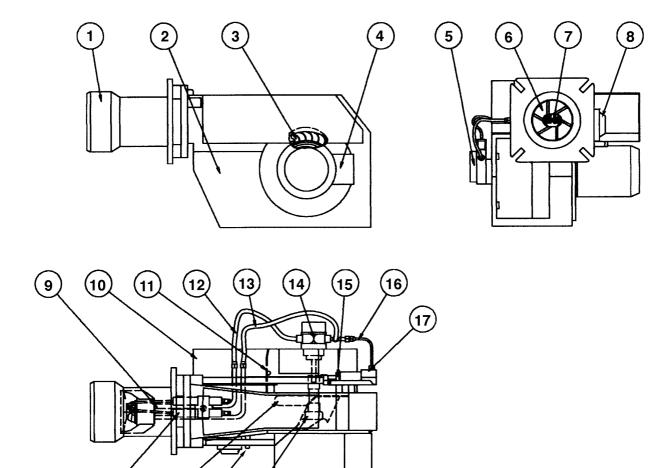
The high quality precision-draft-tube is manufactured from stainless steel. It is fixed with 2 screws to the burner casing. The nozzle holder is fitted inside co-axally. For individuell adjustment an axial positioner device is fitted at the passage of the burner case.

The burner operation is steered and controlled through the control box, which is connected to the burner with a plug cable. The proper flame operation itself is controlled via a foto-cell.

Domestic gas oil or diesel fuel is recommended as fuel with cloud points ≤ - 1°C to avoid paraffinic crystals.

2 Technical Information

Description



Components

(21)

- 1. Flame cone
- 2. Fan housing
- 3. Fan weel
- 4. Motor
- 5. Pump
- 6. Shrouded disc
- 7. Nozzle
- 8. Ignition transformer
- 9. Nozzle assembly

10. Air intake

18

(19)

(20)

- 11. Air damper
- 12. Connecting pipe Stage 1
- 13. Connecting pipe Stage 2
- 14. Solenoid valves
- 15. Nozzle assembly adjustment
- 16. Connecting pipe, pump adjustment device
- 17. Adjustment device, Nozzle assembly adjustment

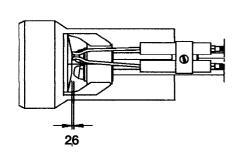
- 18. Photoresistor
- 19. Drive coupling
- 20. Conical shield plate
- 21. Ignition electrodes

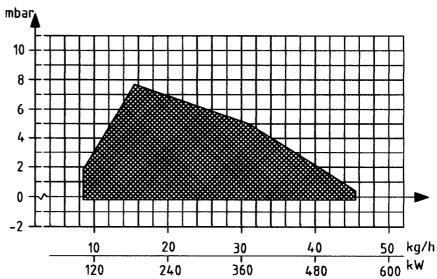
Technical Data

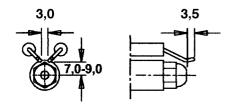
Output range and Nozzles recommended

| Burner | Oil capacity kg | Out kW | tput Mcal/h | Nozzle Monarch mounted | Pump pressure bar |
|--------------|-----------------|-----------|----------------|---|-------------------|
| EO-B 45-Z /H | 8,5 - 45,5 | 101 - 540 | 87 - 464 | for 1. stage: 5,0 - 60° R for 2. stage: 2,75 - 60° R | 14 |

Burner head







171 216 91 00-01

4 Technische Information

General Instructions

ADJUSTMENT OF BURNER

The burner is from the factory pre-set to an average value. A final adjustment on site can be necessary. To adjust the combustion device, start by increasing the air volume and the nozzle assembly somewhat. When the burner starts it is burning with excess air and smoke number 0. Reduce the nozzle assembly adjustment until soot occurs, and then increase the adjustment to make the soot disappear again. Then the volume of air is reduced until soot occurs and increased again to reach a combustion free of soot. By this procedure an optimum adjustment is obtained.

A whistling sound maybe heard which can be eliminated or reduced as follows: Increase the nozzle assembly adjustment somewhat. The CO2-content and consequently the air volume will then be reduced.



Adjust the nozzle assembly with the adjustment screw D to the desired position.

AIR ADJUSTMENT

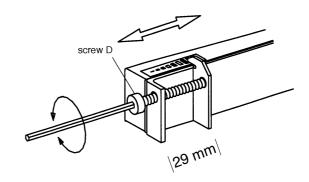
First stage:

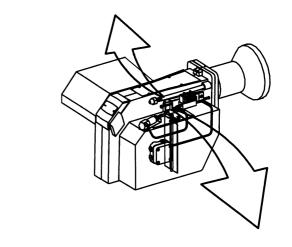
Set the operating switch on low capacity (burner operation position "2"). Loosen the screw (A) and turn the damper to the position wanted. Tighten the screw (A) again.

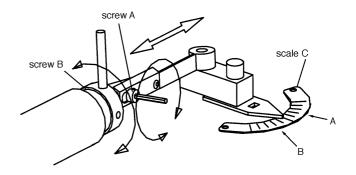
Second stage:

Set the operating switch on high capacity (burner operation "3"). Screw the knurled ring (B) in (reduce) or out (increase). The position of the damper can be read on the damper scale (C).

Check the air adjustment by making a flue gas analysis.







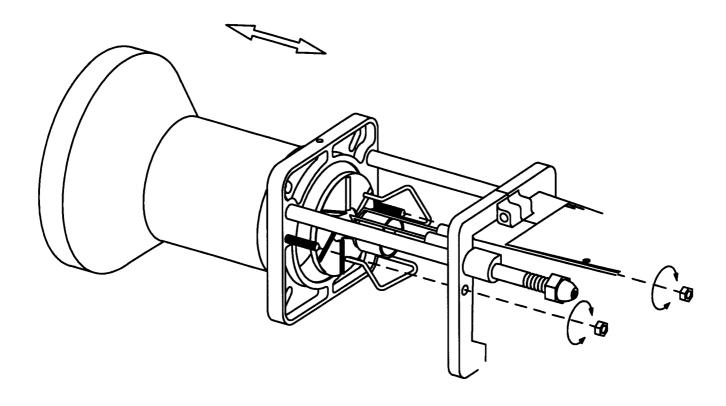
EO-B 45-Z / H (Bagela) 5

Maintenance of the Oil Burner

Warning! Before doing any service switch off power at the main switch and cut off the oil supply.

SERVICE OF THE BURNER HEAD

The burner should be examined regulary for any sign of malfunction or oil leakage.



6 Technische Information

Instructions Pump Type Suntec A2L 65C - 75C

TECHNICAL DATA

One or two-pipe system.

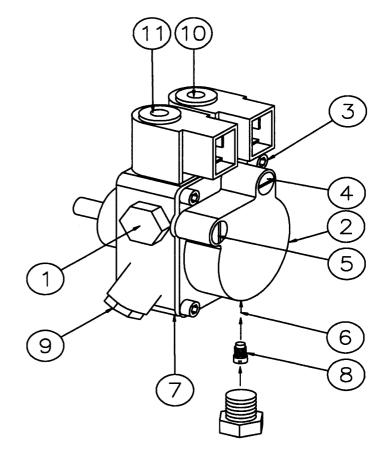
Viscosity range: 2-12 mm²/S Pressure range: 8-15 bar Rated voltage of coil: 220/240V 50/60 Hz

Oil temperature:

max 60°C

COMPONENTS

- 1. Nozzle outlet G 1/8" Stage 2
- 2. Pressure gauge port G 1/8"
- 3. Nozzle outlet G 1/8" Stage 1
- 4. Pressure gauge port G 1/8"
- 5. Vacuum gauge port G 1/8"
- 6. Return line G 1/4" and internal by-pass plug
- 7. Suction line G 1/4"
- 8. Return plug
- 9. Pressure adjustment



PUMP OPERATING PRINCIPLE FOR A2L 65C - 75C

The SUNTEC A2L oil pump has two nozzle outlets. It incorporates two blocking solenoid valves with in-linecut-off function, one for each nozzle outlet.

The gear set draws oil from the tank through the built-in filter and transfers it to the nozzle line via the cut-off solenoid valves. A pressure regulating valve is used to dump all oil which is not required at the nozzle.

In one-pipe operation, the oil which does not go through the nozzle lines is returned directly to the gear inlet and the suction line flow is equal to the sum of the 2 nozzle flows. In two-pipe operation, the by-pass plug must be fitted in the return port, which ensures that the oil dumped by the regulating valve is returned to the tank and the suction line flow is equal to the gear set capacity.

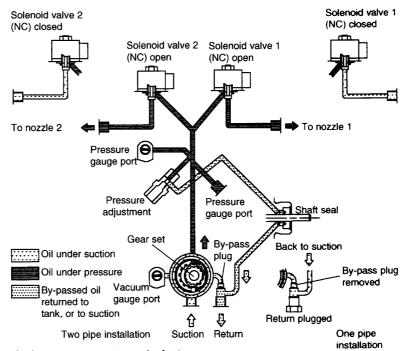
BLEED

Bleeding in two-pipe operation is automatic: it is assured by a bleed flat on the piston. In one-pipe operation, a high pressure connection must be loosened until the air is evacuated from the system.

CUT-OFF

The solenoid valves of the A2L pump are of the "normally closed" type and are situated in the nozzle lines. This

EXCHANGE OF FILTER

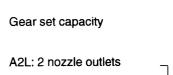


design ensures extremely fast response and the switching can be selected according to the burner operating sequence and is independant of motor speed.

When the solenoids are non-activated, the valves are closed and all oil pressurised by the gear set passes through the regulator to suction or to the return line, depending upon pipe arrangement.

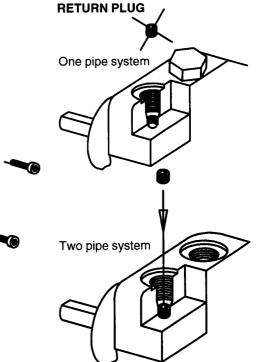
As soon as the solenoids are activated, oil passes to the nozzle lines at the pressure set by the pressure regulating valve.

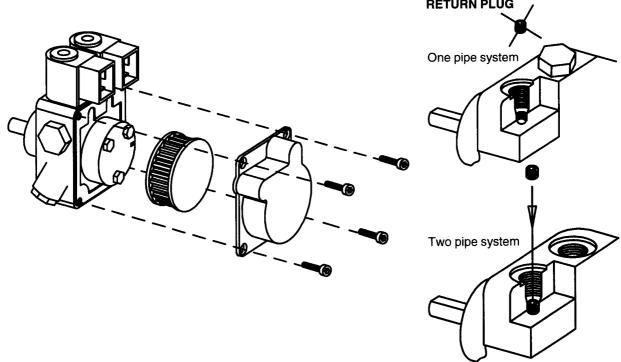
Shaft rotation and nozzle location seen from shaft end



MOUNTING/DISMOUNTING

A2LXX C

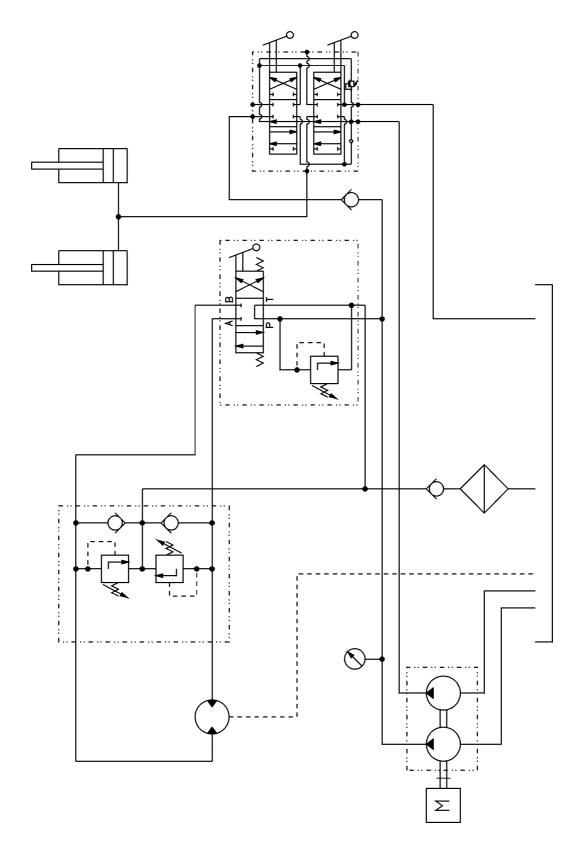




8 **Technical Information**



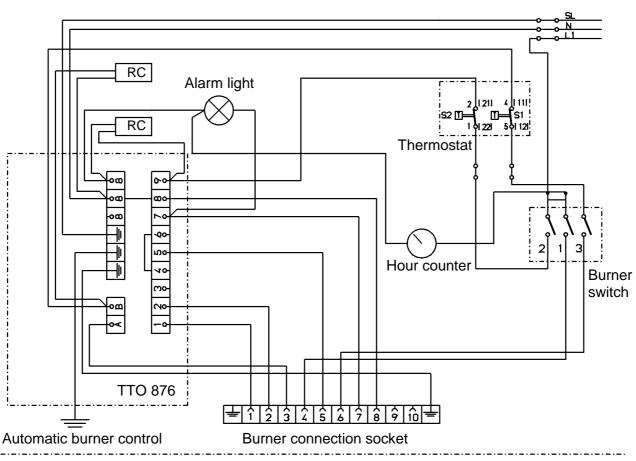
Hydraulic diagram

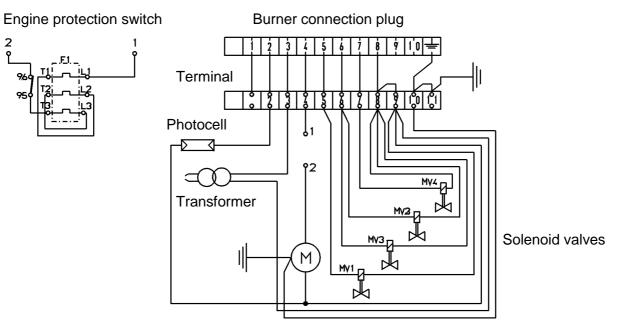






Electric diagram





Bage a asphalt recycler BA 10000 B

Lighting system 12V

