



Ciber Equipamentos Rodoviários Ltda.  
Rua Senhor do Bom Fim, 177  
91140-38 - Porto Alegre - RS - Brasil

Phone: + 55 51 3364 9200  
Fax: +55 51 3364 9222  
Email: ciber@ciber.com.br



## LINE OF COMPACT PLANTS

ROBUST – COMPACT – ECONOMICAL

### KOMPAKT 500

Production Capacity	20 a 50 ton/h
Bins	4 material into 2 split bins
Dryer	Counterflow
Burner	7 MW
Filtering system	Pleated bags
Mixer	Twin-shaft pug-mill mixer
Elevator	Redler-type drag elevator
Discharge bin	0,5 m <sup>3</sup>
Dosage	Collective with 2 split bins (optional 4 belts for individual weighing)



All pictures, illustrations and specifications are based on information in force as of the date of approval of this publication. Ciber Equipamentos Rodoviários Ltda. reserves the right to amend specifications and drawings and remove components without prior notice. Performance data shall depend on each project's conditions. Date of publication:

**Maior 2009 - n° 703062**



**KOMPAKT**

# KOMPAKT SERIES PLANTS

## Line of Kompakt Plants

Ciber KOMPACT Plants meet small production demands with the best cost-benefit relationship in Asphalt Plants. The plants have compact size, thus making transport easier and enabling quick handling for set up on the field.

The line of compact Plants aims to meet the increasing market of medium to large size contractors that need to operate in difficult-to-reach areas, thereby producing asphalt continuously and serving construction projects from medium to large size that require a small and compact lay-out.

- Easy process visualization: The equipment provides total access to the work team, allowing the operator to visualize the final product and the load of virgin aggregates, and facilitating the access to the mixer, the burner and the drag elevator using a side platform.
- Simple and robust operation: Equipment operation is facilitated by manual motor actuation, and the selection of the dosage mode as either manual or automatic provides total safety for operating the plant. The air-conditioned control station provides operators with more comfort.
- The automatic dosage system works in synchrony with aggregates and binders, thus providing easy loading access for virgin aggregates and the possibility to load both sides of the feed bins.
- Simple set up and low demand from the operation team.
- External pug-mill mixer: CIBER quality and technology ensure good results in the production of asphalt mixtures.



# KOMPAKT SERIES PLANTS

## Easy aggregate loading

The feed bins provide the operator with enhanced visibility and easy access to the loader, even with the smallest models in the market. The feed bins in this class of machines are divided thanks to the production capacity that is smaller than that of the Advanced Series range, therefore there is no risk of contamination.



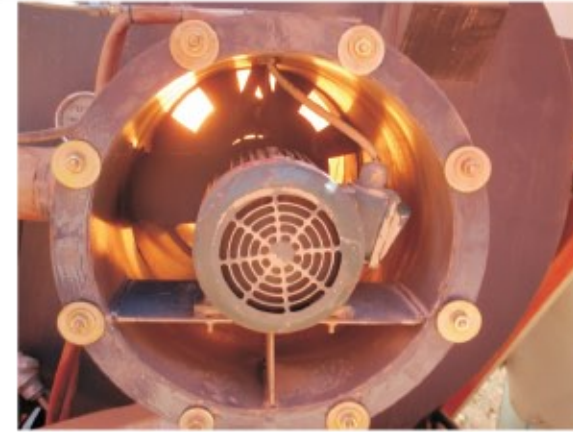
## Feeder belts

As a standard machine feature, the bins have a proportional dosage system. Their flow is adjusted by frequency and by opening of the gate by means of collective weighing. As an optional feature, it is possible to have individual and dynamic weighing in the bins. Asphalt dosage in either option happens according to the measured flow of aggregates.



## Drying and filtering system

The counterflow dryer is fully dedicated to drying, thus ensuring efficiency and energy savings by allowing the injection of fines and fibers as the drying process finishes. It enables pre-coating and expansion of composite fibers.



## Burner and combustion chamber

The Plant's combustion chamber is isolated and the burner is closed, but provides full access for maintenance and cleaning.



## External mixer

The external mixer ensures quality and robustness to the process, thus allowing a wide range of applications, from simple mixtures to more complex ones, applying the same technology as in the renowned Advanced Plant Series.

## Easy maintenance

The equipment layout provides the operation team with easy access to all of the main components in the production process, especially during operation, including easy access to the mixer, the burner, the drag elevator and the filter.



# KOMPAKT SERIES PLANTS



## ≡ Drag elevator

Easy and quick set up drag elevator. Load anti-segregation and automatic control system via control station. Easy lubrication and maintenance.



## ≡ Control Station

The air-conditioned and ergonomic cabin provides quick access to the plant systems. It provides easy operation and visualization of the load in the truck.



## ≡ Control panel

Simple panel for actuating motors and visualizing all processes of the equipment. Dosage automatic control and supervision.

## ≡ Kompakt Plants

This plant provides easy maintenance and has the lowest noise emission rates of this class of machines. The support structure of the drag elevator facilitates set up and allows trucks to get close to the equipment, thus enhancing operator visibility and leading to quick action over production and control.

The pleated bag filter with exclusive geometry for the reduction of gas speed, linked to the efficient VORTEX® collector of particulates, ensures very low emission levels, thus complying with the strictest environmental laws and allowing the equipment to be used in urban areas as well as in projects close to environmental conservation sites.