

# JOG CONVEYOR DRYER JCD 1800



## GENERAL

Brand	Cimbria
Designation	Jog conveyor dryer
Model	JCD 1800
Use	Industry

## Application

The jog conveyor dryer 1800 is being used for conveying, cleaning and drying seeds (for example, coated or dressed materials) and similar bulk products.

## Working Mode

The jog conveyor dryer works by the action of the eccentric shaft, which, via connecting rods, causes the conveyor to move back and forth. This results in the material being conveyed from the inlet to the outlets.

Due to its modular design, the jog conveyor dryer is very versatile. The different modules are either drying or screening modules. Each of the drying sections, can be supplied separately with warm air, by using heaters and blowers below the jog conveyor dryer.

Each screening section consists of two screens.

The top screen, to separate the oversized product and the bottom screen, to separate the undersized product.

Thus, a very uniform product is produced.

In order to facilitate machine cleaning processes, the jog conveyor dryer is designed with removable drying grids and screens, openable side flaps and dust hoods.

The main drive is a 5.5 kW - squirrel cage motor. It is controlled by a frequency converter to adapt the eccentric speed to each product, either in manual or in auto mode.

For more flexibility, the jog conveyor dryer is equipped with an automatic adjustable inclination.



Technical data		JCD 1800
		6+2
Motor (eccentric)	kW	5.5
Motor (inclination)	kW	1.5
Air requirement	m <sup>3</sup> /h	up to 72 000
Dimensions	mm	
Length		9 500
Width		2 300
Height		1 800
Net weight	kg	5 900
Dynamic loading at 6 Hz N		
PH=	N	+/- 400
PV=	N	+/- 1 500

Technical data can vary for certain of the above due to continued development or a different machine composition.

