PROCESSING

JOG CONVEYOR DRYER
JCD 1250

GENERAL

Brand	Cimbria
Designation	Jog conveyor dryer
Model	JCD 1250
Use	Industry

Application

The jog conveyor dryer has a modular construction and can be used for conveying, cleaning and drying grain (for example, coated or dressed materials) and similar products.

Working mode

The jog conveyor dryer works by the action of the eccentric shaft which, via connecting rods, causes the conveyor to move backwards and forwards, which the results in the movement of the material via the coiled suspension units. The jog conveyor dryer transports material solely and empties the material at the outlet /outlets.

In order to facilitate cleaning processes, the machine is constructed with a screen system.

It is designed with heating sections, and screening sections. Each of the heating sections is supplied separately with warm air, by using heaters and blowers below the jog conveyor dryer. Each screening section consists of 2 screens: the top screen for the overflow and the bottom screen for the dust with connection spout DM120 mm for aspiration.

The main drive is a 4 kW - squirrel cage motor (standard 3/PE 400V 50Hz). The operation of the drive must be by frequency inverter (not included with the jog conveyor dryer).

An adjustable feeding gate at the inlet to the deck determines the thickness of the layer on the deck of the jog conveyor dryer.

Technical data		Type JCD 1250				
		8+2	6+2	5+1	3+1	3
Motor (standard)	kW	4	4	4	4	4
Air requirement	m³/h	56 000	42 000	35 000	21 000	21 000
Dimensions	mm					
Length		9 505	7 905	6 305	4 705	3 695
Width		2 175	2 175	2 175	2 175	1 840
Height		1 850	1 850	1 850	1 850	1 850
Net weight	kg	4 250	4 100	3 150	2 450	2 100
Dynamic loading at 6 Hz N						
PH=		+/-370	+/-300	+/-250	+/-200	+/-170
PV=		+/-1 400	+/-1 200	+/-1 000	+/-750	+/-650

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

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