

DATASHEET JOG CONVEYOR DRIER

Application

The jog conveyor has a wide range of application and construction and can be used for conveying, cleaning, grading 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 results in the movement of the material via the coiled suspension units.

The jog conveyor dryer transports material slowly and empties the material at the outlet /outlets. In order to facilitate drying processes, the machine is constructed with a perforated screen system.

JCD 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 single screens with connection spout DM120 mm for aspiration.

The main drive is a 4 kW – squirrel cage motor (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 m ³ /h	56.000	42.000	35.000	21.000	21.000
Dimensions mm					
Length	9505	7905	6305	4705	3695
Width	2175	2175	2175	2175	1840
Height	1850	1850	1850	1850	1850
Net Weight kg	4250	4100	3150	24750	21000
Dynamic loading at 6 Hz N					
PH=	+/-370	+/-300	+/-250	+/-200	+/-170
PV=	+/-1400	+/-1200	+/-1000	+/-750	+/-650