

JOG CONVEYOR DRYER

JCD 625

GENERAL

| | |
|-------------|--------------------|
| Brand | Cimbria |
| Designation | Jog conveyor dryer |
| Model | JCD 625 |
| 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 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 625 | | |
|---------------------------|-------------------|--------------|--------|--------|
| | | 6+2 | 5+1 | 3+1 |
| Motor (standard) | kW | 4 | 4 | 4 |
| Air requirement | m ³ /h | 21 000 | 10 000 | 6 000 |
| Dimensions | | mm | | |
| Length | | 7 905 | 6 310 | 4 670 |
| Width | | 1 360 | 1 360 | 1 360 |
| Height | | 1 850 | 1 850 | 1 850 |
| Net weight | kg | 3 800 | 2 500 | 1 900 |
| Dynamic loading at 6 Hz N | | | | |
| PH= | | +/-300 | +/-230 | +/-180 |
| PV= | | +/-1 200 | +/-950 | +/-600 |

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

