



# KOTZUR

## DRAG CONVEYORS



### APPLICATION

Drag conveyors are used to transport bulk materials both horizontally, and up inclines. A chain is used to drag a series of paddles (or flights), which in turn, drag material along the length of the conveyor.

### FEATURES

- Fully enclosed unit.
- Bend design options allowing for horizontal and incline conveying.
- En-masse and bulk flow conveying type options.
- Kotzur design ensures that the chain always runs on a track liner to maximise life of the chain.
- Wipers attached to paddles ensure a high level of conveyor cleanout.
- Intermediate outlets are also available and are coupled with a slide gate.
- Carry over return design, whereby material carried over the intended intermediate outlet by the chain, will not all be deposited into the final outlet of the conveyor.
- Optional manufacture in stainless steel for high moisture or food grade applications.
- All maintenance points are easily accessible on all options.

MODEL	CAPACITY (TPH - WHEAT)	CROSS SECTION WIDTH X HEIGHT (MM)
<b>FB200</b>	10 - 75	230 X 400
<b>FB300</b>	75 - 125	330 X 400
<b>FB350</b>	150 - 250	380 X 600
<b>FB450</b>	300	480 X 600
<b>FB600</b>	400	630 X 600
<b>FB750</b>	500	780 X 600

## OPTIONS

### EN-MASSE DRAG CONVEYORS

En Masse drag conveyors have low-profile paddles that wipe only the very bottom of the conveyor casing. Due to the frictional nature of bulk materials, the remainder of the material bed is carried along with it.

En Masse drag conveyors are an economical solution to address your handling requirements, however, this does come with a limitation on the maximum incline that can be achieved. Please contact the Kotzur Team to assess how we can achieve the most reliable and economical solution for you.

- High quality bearings deliver high duty cycles.
- Peaked covers shed water and prevent water ponding on the conveyor.
- Paddle design ensures high quality cleanout.

### HIGH FLIGHT DRAG CONVEYORS

High flight (also known as 'bulk flow') drag conveyors have high profile paddles that wipe the entire cross section of the material bed in the conveyor body. This enables more difficult materials to be reliably conveyed, and steeper conveying inclines to be achieved. Additionally, more aggressive bends can be incorporated into a drag conveyor using this type of paddle.

- High quality bearings deliver high duty cycles.
- Peaked covers shed water and prevent water ponding on the conveyor.
- Paddle design enables high conveying incline and ensures high quality cleanout.



**WARRANTY** - Kotzur Pty Ltd are confident in the quality of the products they design, manufacture and supply.

The following warranties apply:

- Structures including footings, elevator towers, walkways, silos etc - 5 years.
- Mechanical equipment including conveyors but excluding drive motors - 12 months.
- OEM equipment including drive motors and gearboxes - supplier warranty (generally 3 months).

This guarantee covers faulty design, engineering and workmanship; however this does not include problems arising from factors over which Kotzur has no control. These factors include footings constructed by others, negligent damage, unintended use of products, poor maintenance or care, normal wear and tear. Equipment manufactured by others and brought in by Kotzur Pty Ltd (e.g. Silo unloaders, aeration equipment) carry their respective manufacturers warranty. Please note this warranty excludes consequential losses.

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