Cimbria Angle Conveyor Type RA is manufactured in 4 sizes. Increased capacities can be achieved by using a higher chain speed, especially on short Angle Conveyors and single outlet Angle Conveyors. The Angle Conveyors are also available with variable geared motors for adjustment of capacities, e.g. in intake hoppers before cleaners and dryers.

Angle Conveyors type RA are made of galvanised steel and the bottom plate is interchangeable. Straight sections are manufactured in standard lengths, a combination of which can always be made up to the required total length. The conveyor is assembled using fish-joints to ensure perfect alignment.

One advantage of the Angle Conveyor is that the space requirement is small when compared to the high throughput available. The Cimbria Angle Conveyor is completely enclosed and can be provided with connection for dust extraction. Outlet spouts for discharge are positioned at the drive end. Inlet spouts can be positioned at any point required, which gives a very high degree of flexibility.

Drive terminal
As standard equipment, the Angle Conveyors are supplied with a directly coupled gearbox motor. Right or left drive can be delivered when specified with the order.

Power consumption
Power consumption is calculated to meet individual requirements.

Tension terminals
The sprocket wheel is mounted on roller bearings, and slides allow for easy tensioning of the conveyor chain by means of 2 spindles.

Scraper chain
As standard equipment, the Angle Conveyors are fitted with links of special steel with welded on flights and with hardened steel pins and bushes. The chain is fitted with strongly mounted flights made of PEHD.

Inlet spouts
These can be mounted wherever required on the top cover or as side inlets if height is limited.

Outlet spout
The outlet spout is positioned under the drive terminal.

Bends
The Angle Conveyor can be delivered with an upward 15º, 30º or 45º angle so that the conveyor rises from horizontal. The conveyor can also be delivered with a downward 15º, 30º or 45º angle so that the path of the conveyor returns to horizontal. The external radius is 2 metres.

Outlets and shutters
The chain conveyors can be fitted with a number of outlets, which are fitted with shutters that can be controlled by any of the following:

- Manual
- Pneumatic
- Spindle Motor

Bends: Radius: R = 2000 mm external
* The chain speed may differ slightly due to various sizes of gear

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