

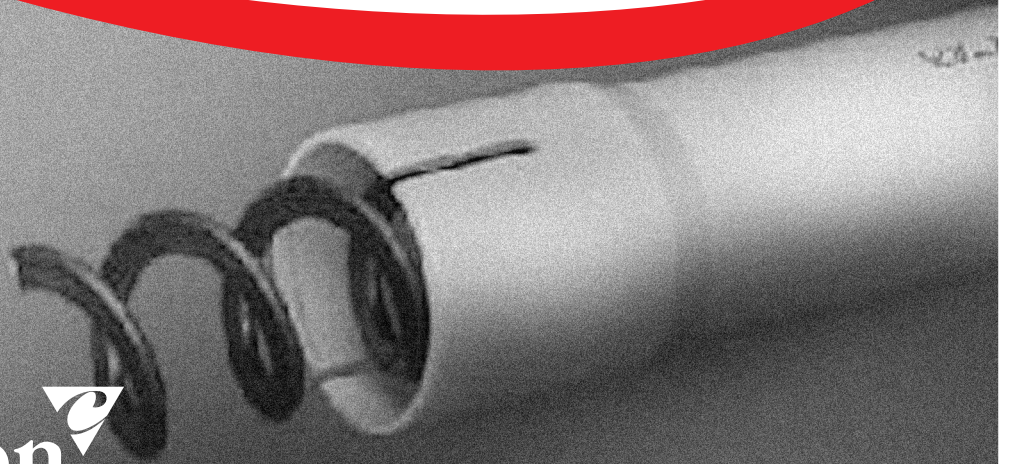


LA
SYSTEMS

Feed Handling Equipment

High quality auger systems

Collinson 



Feed Handling Equipment

High quality auger systems

Rotaflex Conveyors

Choose from a multitude of components to achieve the most efficient feeding system for your site

Models:

Rotaflex is available in 7 models with varying diameters and power rating. The correct model is selected to suit particle size, required throughput and type of application.

Particle sizes from 6mm to 12mm can be accommodated, at throughputs from 0.5 to 5.7 tonnes per hour (subject to product density and system layout - see 'Best Practice' guide).



Corevex™ tube with socketed end, supplied ready slotted for easy fitting.

Outer tube is available in:

- High density UV stabilised Corevex™ plastic, the most economical option, offering low noise and low friction in use.
- Galvanised steel tube, ideal if a rigid system is required with reduced bracketing.
- Food grade stainless steel, providing extremely long life, especially when specified for bends.

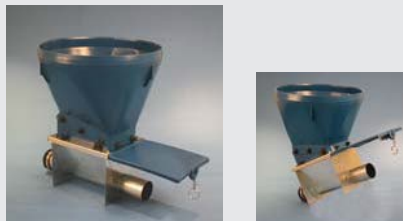
Intakes:

Feed enters the conveyor via the pick up unit.

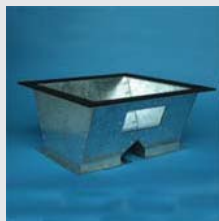
Rotaflex pickup units comprise 3 sections:

The upper unit, manufactured from tough plastic, fits directly to a silo outlet of 450mm diameter, facing in any direction. Its lower surface is inclined at 15°.

The centre slide unit comprises a plastic adaptor, also inclined at 15°, and a steel slide to shut off the feed flow from the silo.



The lower pickup unit fits below the centre slide unit and is available in 2 models for single or twin conveyors. It provides the mounting point for the tail bearing, which contains a throttle to adjust the flow of feed into the conveyor.



Steel 'Y Splitter' type upper pickups have 2, 3 or 4 legs enabling up to 8 conveyors to pick up from a single silo. A slide unit fits to each leg allowing conveyors to be operated separately.

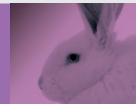
Pig



Cattle



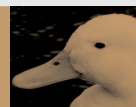
Rabbit



Turkey



Duck



Broilers



Breeder/Layer



LA Systems Limited

Old Hall Mill Business Park,
Alfreton Road, Little Eaton,
Derby DE21 5EJ
Tel: +44 (0)1332 830005
Fax: +44 (0)1332 833225
E-Mail: info@la-systems.co.uk
www.la-systems.co.uk

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Outlets:

Outlet drops are necessary to safeguard personnel from rotating spiral exposed apertures in the tube. Cut-off slides and extension drop tube can be attached as required.



Support Options:

A range of brackets and fixings is available for securing Rotaflex to all manner of walls, roofs and bars.



Motor Gear Units:

Rotaflex conveyors are driven by integrated motor gear units with a 100% service factor, which means that they are designed to cope with a heavy workload. They are rated at IP55, denoting protection against dust and jets of water.

Motor gear units are available in single and three phase models, with four gearbox types, five power ratings and five output speeds.

Collinson offers a range of thermal overload devices which provide essential motor protection.



Pig



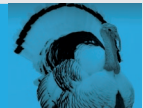
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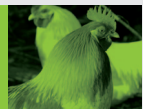
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