



Conveyor and Elevator Range



For all your bulk material handling requirements



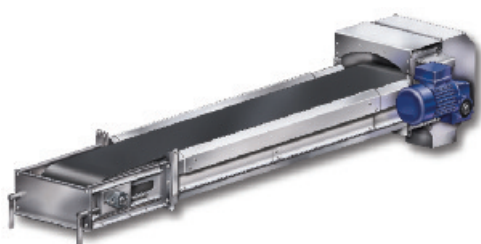
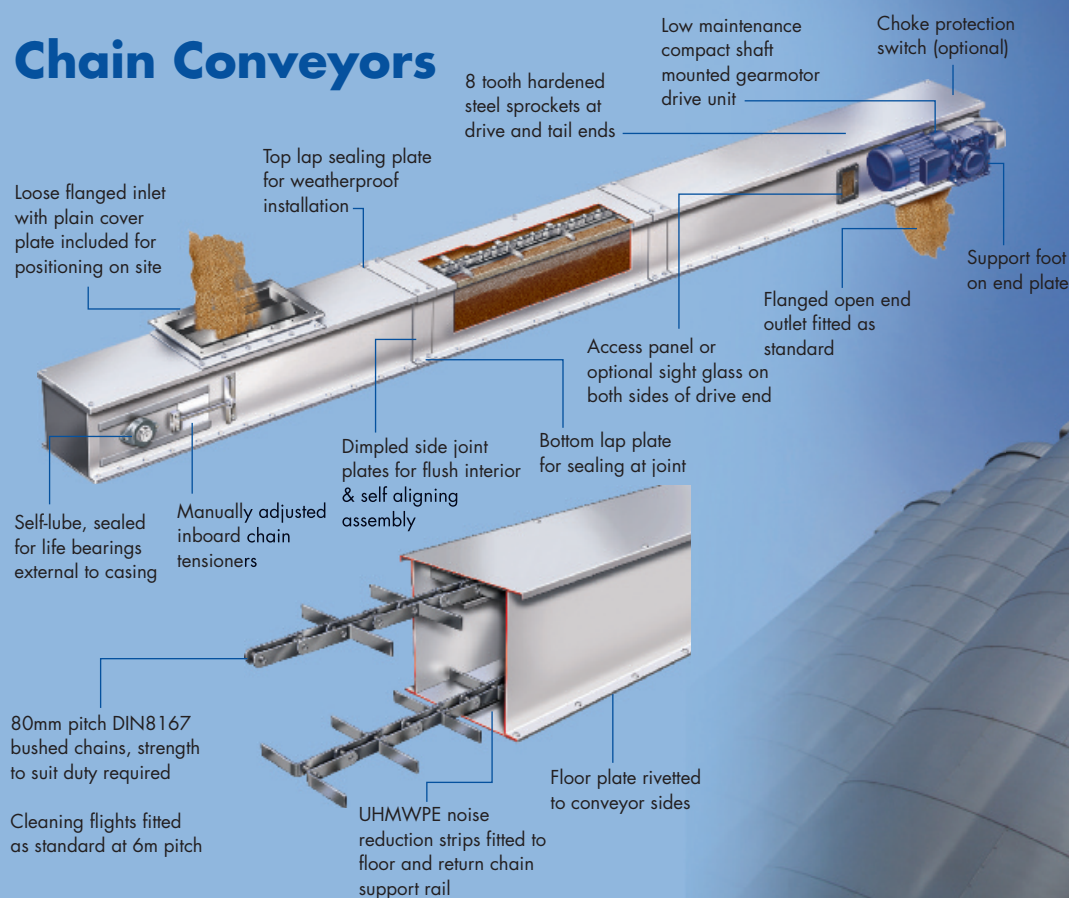


Conveyor

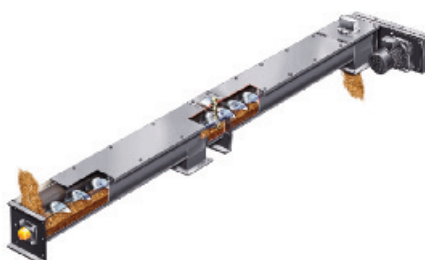
General Features of the Carrier Range

- Elevators and conveyors supplied in two casing sizes covering throughputs of 40, 60, 80 and 100tph cereals @ 750kg/m³
- Conveyor lengths up to 60m long, elevators up to 30m high
- All galvanised steel casing construction as standard for indoor or outdoor applications
- Low maintenance shaft mounted gearmotor drives with IP55 motors up to 7.5kW

Chain Conveyors



Slip Form Belt Conveyor



Screw Conveyor



Soft Flight Angleveyor

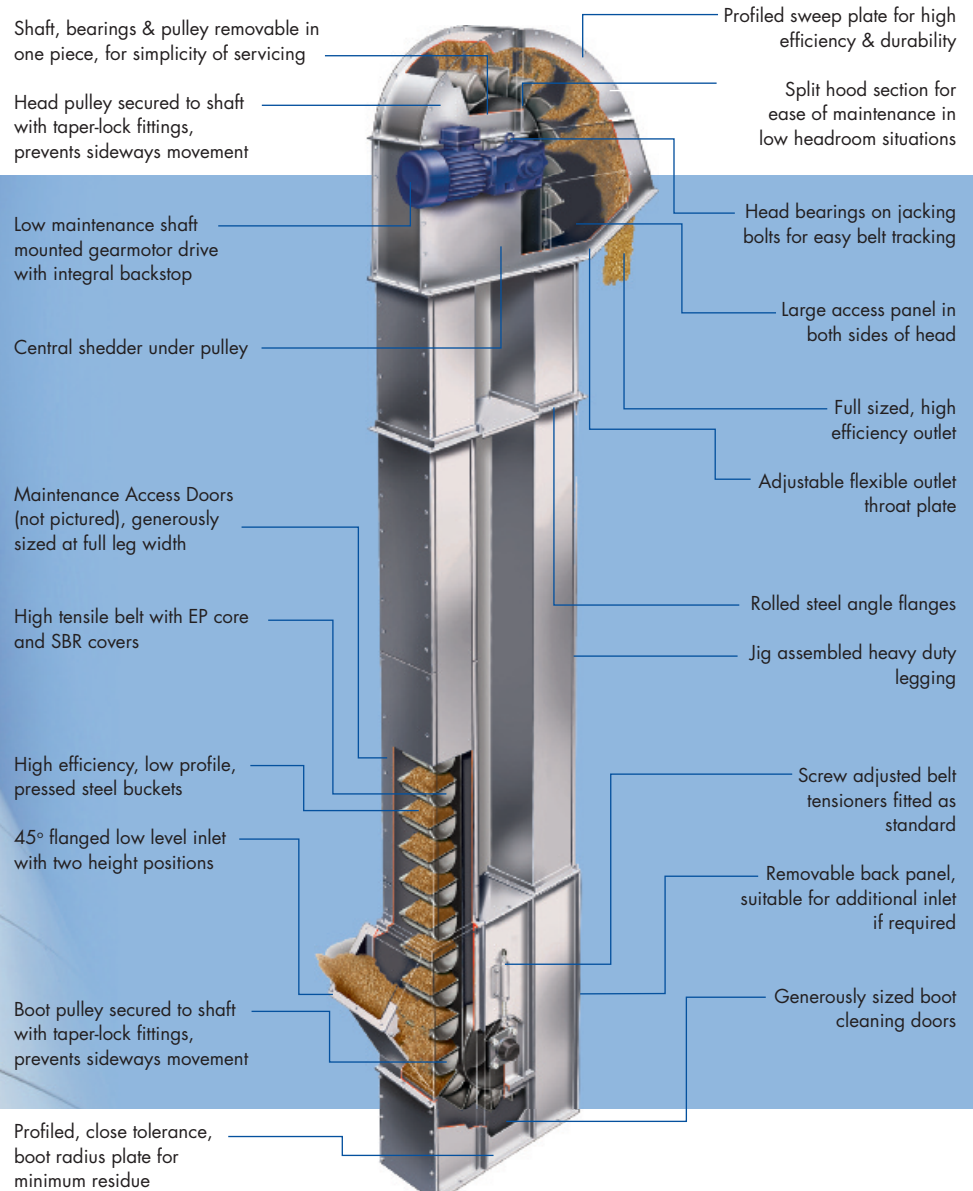
and Elevator Range

Bucket Elevators

- Robust Construction
- Latest Designs
- Using the Latest Technology
- Easy to Assemble
- Full range of Accessories
- Supported by Carrier Care

Options:

- Double Leg Elevators
- Conveyor Intake Systems
- Flow and Return Conveyors
- Outlet Slides
- Ducting and Fittings



Chain Conveyors (chain width / tph):	200/40	200/60	250/80	250/100
Bucket Elevators (bucket width / tph):	140/40	140/60	180/80	180/100
Angleveyors (chain width / max tph):	200/60	300/100	up/down bends 10-45°	
Slip Form Belt Conveyors (belt width / tph):		300/40	380/60	500/100
Trench, Mechanical Intakes for Chain Conveyors:		3000mm std length	special lengths to order	

Notes. 1. Product capacity in tonnes/hr (tph) is based on dry cereals at 750 kg/m³ 2. Capacity is dependant on product flowability and conveyor incline



Carrier Care Supported

Options & Accessories

Conveyor Options

- Automatic spring loaded chain tensioners
- Flow and return arrangement
- Open bottom sections for store filling applications
- Trench intake or mechanical intake systems
- Full range of outlet slides including hand slides, rack & pinion (remote), electro-pneumatic or motorised. Inline and cross slide options available
- Outlet adaptors and full range of standard ducting & fittings
- Recycle cups fitted to chain for recirculation of carryover
- Diaphragm switch in end plate for choke protection
- Under-speed rotation sensor on tail end shaft
- Sight glasses fitted in sides of casing
- Upward or return bend sections (subject to reduction in throughput)
- Span Brace assembly for unsupported spans up to 12m
- ATEX certification

Elevator Options

- Maintenance access platforms, intermediate rest platforms and ladders with safety hoops
- Outlet adaptors and full range of standard ducting & fittings
- Cage type bottom pulley
- Seed Boot (stand and pullout tray for easier cleaning)
- Pressure relief panels - flap & switch or membrane type to meet ATEX standards
- Belt scraper on rising leg
- Bucket spacing washers (typically for seed applications)
- Nitrile belt for materials with high oil/fat content
- Alternative belt and bucket systems for special applications
- Under-speed rotation sensors for belt slip detection
- Belt misalignment sensors
- Bearing temperature sensors
- Monitoring systems for safety sensors
- ATEX certification

Carrier Bulk Materials handling, founded in a small workshop in a tiny Essex village in 1948, quickly became acknowledged leaders in the development and manufacture of bulk handling systems and equipment for grain and cereals, providing a range of robust and reliable machines to provide enduring satisfaction on which our products are based.

Carrier have skilled plant design and layout engineers and provide an efficient spare parts service as well as maintaining records of every machine, so that spares information can be provided however old the machine may be.

Customers are encouraged to consult with our sales engineers and design specialists from the earliest inception of any project. They will gladly furnish all technical data, readily offer their advice on every aspect and remain enthusiastically involved throughout all stages of design and manufacture to final commissioning and beyond. Careful note is always taken of user experiences with our products and we are indebted to our many customers that have taken interest in our activities for the steady advancement of our range.



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