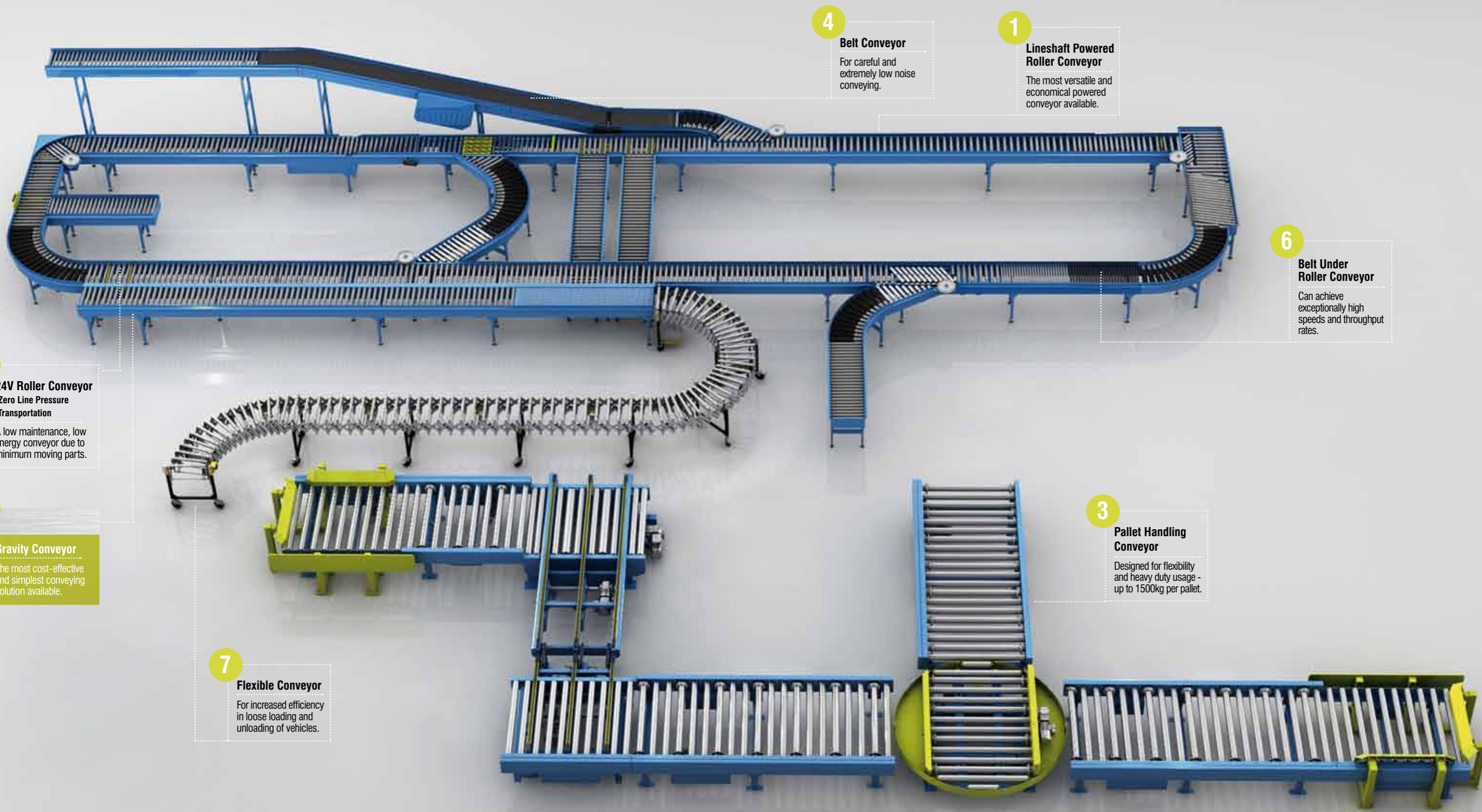


Gravity Conveyor

The most cost-effective
and simplest conveying
solution available

No. 5 of 7



4
Belt Conveyor
 For careful and extremely low noise conveying.

1
Lineshaft Powered Roller Conveyor
 The most versatile and economical powered conveyor available.

6
Belt Under Roller Conveyor
 Can achieve exceptionally high speeds and throughput rates.

2
24V Roller Conveyor
 -Zero Line Pressure
 -Transportation
 A low maintenance, low energy conveyor due to minimum moving parts.

5
Gravity Conveyor
 The most cost-effective and simplest conveying solution available.

3
Pallet Handling Conveyor
 Designed for flexibility and heavy duty usage - up to 1500kg per pallet.

7
Flexible Conveyor
 For increased efficiency in loose loading and unloading of vehicles.

Quality

Performance

Reliability



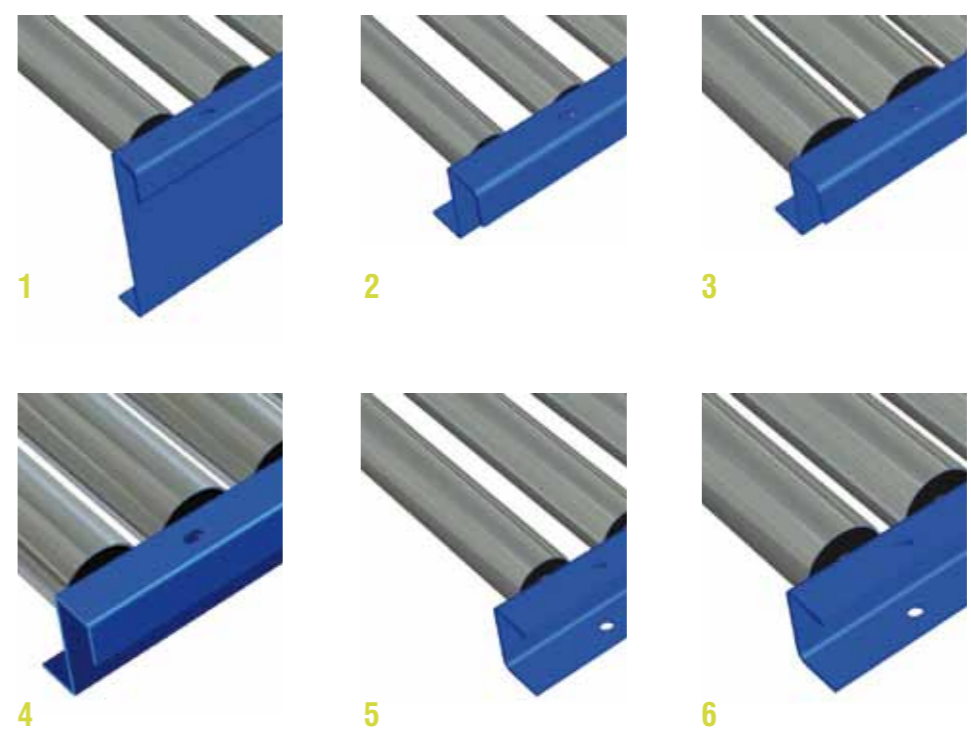
Introduction

The uni-xu® range of conveyors has been integral to thousands of turnkey solutions for some of the most demanding and successful companies across Europe. It is renowned for the robustness of its design, with quality being reflected in a distinct durability in the field. Furthermore, the modularity of the uni-xu® design offers extreme flexibility and simplicity for totally integrated systems. It has been engineered and manufactured in Britain since 1963, resulting in five decades of engineering development and excellence, which today, makes it one of the best known trademarks in conveyor manufacture.

Facts

- UK's largest conveyor manufacturer.
- 150,000 sq. ft. manufacturing plant on a 7 acre site.
- In excess of half a million rollers manufactured every year.
- Over 15 km of conveyor produced each year.
- Over a third of conveyor orders shipped overseas.

Frameworks



1 XU60 PF1 'Z' Frame 2 ZTL PC1 'Z' Frame 3 ZTL PF1 'Z' Frame
 4 ZTM PN1 'Z' Frame 5 CTH NE4 'C' Frame 6 CTH M60 'C' Frame

Pressed Steel 'Z' and 'C' Section Frames

- All sideframes are braced with folded steel cross members to give a rigid high strength to weight ratio.
- The complete framework is jig-welded to ensure that the sideframes are parallel and square to one another.

Ancillary modules include:

- Lift Up Gate
- Ball Tables
- Mobile Unit
- Skatewheel Bend
- Turn Table
- Side Guards
- Fixed End Stops
- Support Stands

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Focus on Gravity Conveyor

- The most cost-effective and simplest conveying solution.

Key Features	Benefits
Modular design.	Proven product, highly configurable, easy and reduced installation with low maintenance. Allows for a variety of arrangements to be made from standard components.
Steel, zinc plated rollers.	Surface protection.
Frames are multi-punched.	Allows for reconfigurable roller pitch for different sized products.
Ball table option.	Allows for product rotation.
Lift Up Gate option.	Provides pedestrian access for fire exits and occasional use.

- Roller tubes are zinc plated as standard.
- Standard widths available: ZTL 312mm - 762mm (in 50mm increments).
ZTM / CTH 312 - 1012mm (in 50mm increments).
- Available in: powder coated as standard, stainless steel and aluminium available upon request.





Gravity Conveyor - XU60 PF1



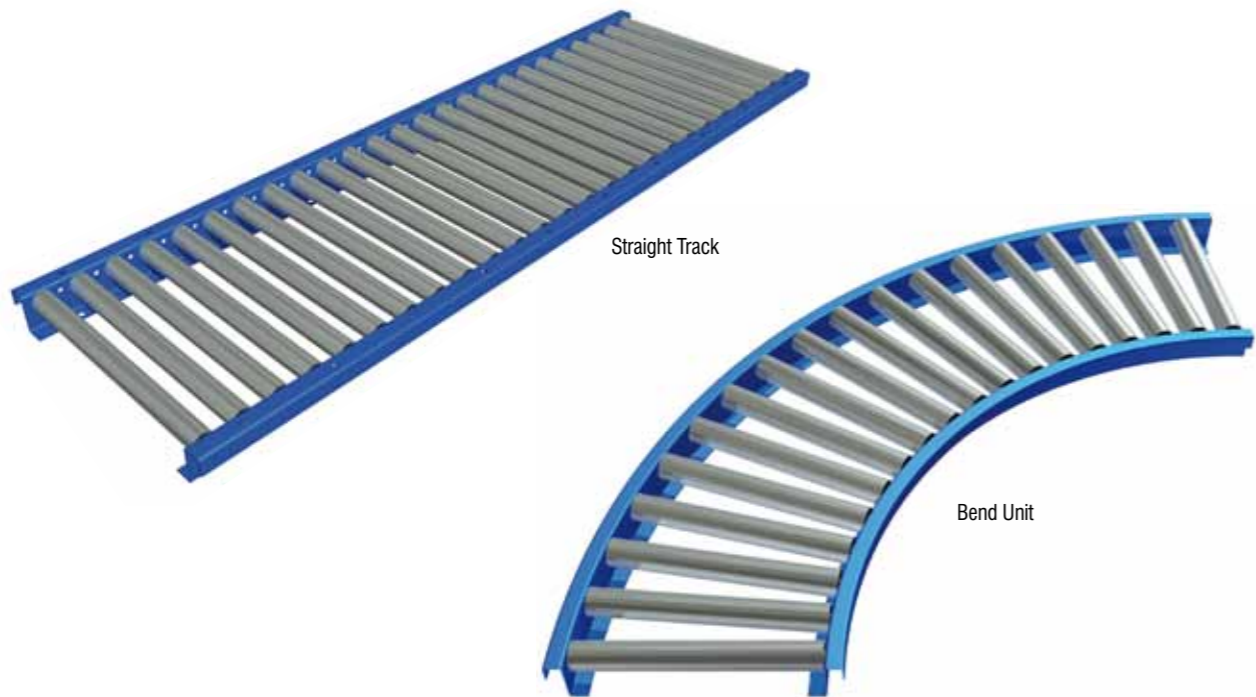
	XU60 PF1
Static Load Per Roller	30kg
Roller Diameter	50mm Plastic rollers are also available.
Roller Pitch	75mm, 100mm and 150mm
Inside Track widths (in 50mm increments)	312 - 1012mm
Height from bottom of frame to top of roller	183mm
Framework	178mm x 32mm x 2.5mm fully jig welded 'Z' section framework.
Bend - inside radius Standard 90° parallel roller bend. Other angles available upon request.	859mm
Bend - Roller Diameter	50mm diameter steel rollers are fitted at 75mm pitch on the inner rail.

	XU60 PF1
Lift Up Gate	Standard length 960mm. Provides clear pedestrian access - 900mm for fire exits and occasional access - not recommended for continuous use. Spring assisted manual lift operation. Comprises standard straight section of conveyor, pivoted from the preceeding track. Standard length of fixed portion of track - 1500mm to house spring assistance assembly. Should the access width need to be increased, then two lift-up sections can be positioned back to back to give a 'tower bridge' arrangement, with one of the sections fitted with a swinging leg to provide support for the two sections to rest on.
Ball Table	22mm Ball Unit secured with claw spring clip. Ball pitch 75mm and 150mm.
Mobile Base Frame	Can be used should site conditions require sections of conveyor to be moved to allow for the passage of fork lift trucks or other equipment through the line of conveyor. Braked swivel castors as standard. Variable heights and lengths available.





Gravity Conveyor - ZTL and ZTM



Straight Track

Bend Unit



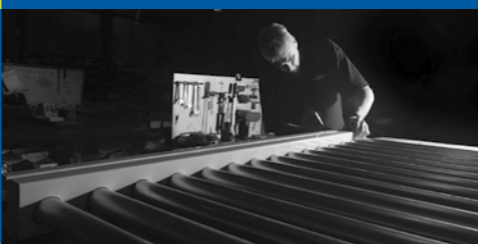
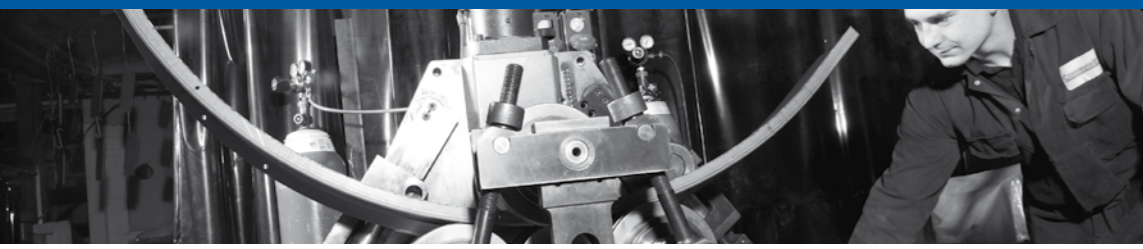
Lift Up Gate

Mobile Base Frame

Ball Table

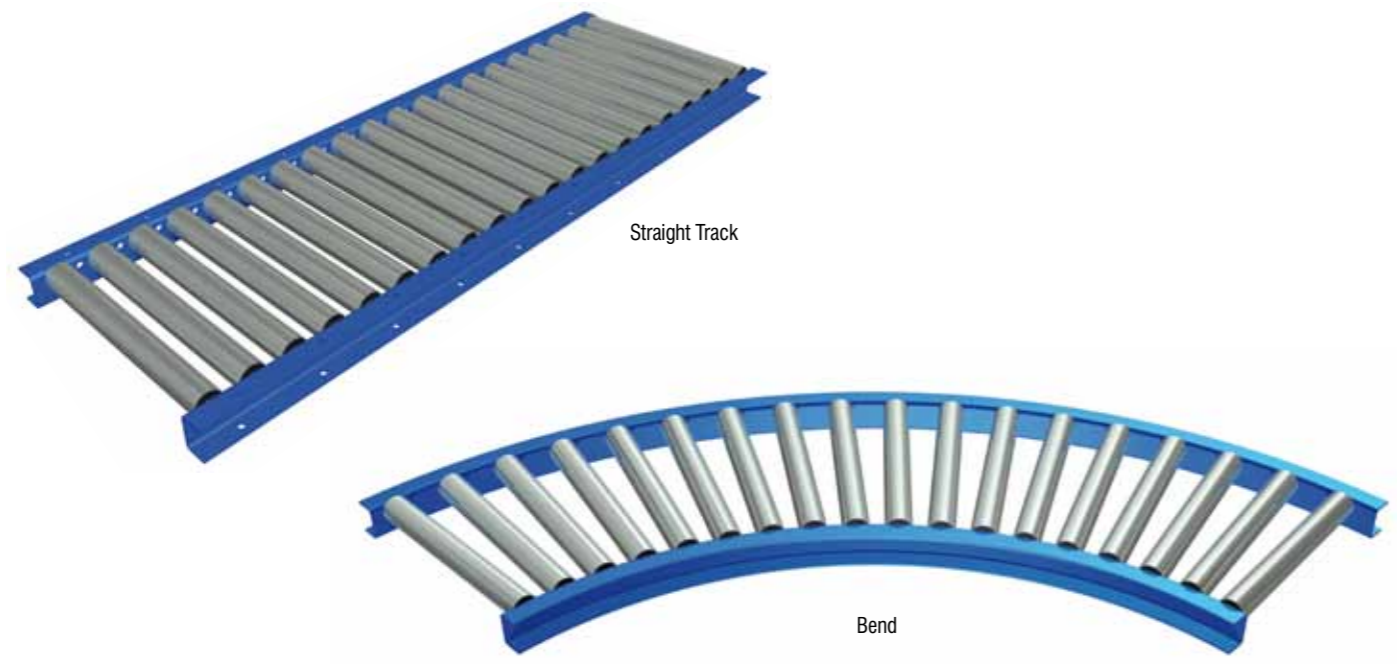
Model	ZTL PC1	ZTL PF1	ZTM PN1
Static Load Per Roller	20kg	30kg	45kg
Roller Diameter	35mm	50mm	50mm
Roller Pitch	37.5mm, 75mm, 112.5mm and 150mm	75mm, 112.5mm and 150mm	60mm, 90mm, 120mm and 150mm
Inside Track widths (in 50mm increments)	312 - 762mm	312 - 762mm	312 - 1012mm
Height from bottom of frame to top of roller	'Z' 69mm	'Z' 76mm	'Z' 83mm
Framework	64mm x 32mm x 2.5mm fully jig welded 'Z' section	64mm x 32mm x 2.5mm fully jig welded 'Z' section	76mm x 32mm x 2.5mm fully jig welded 'Z' section
Bend - inside radius Standard 90° parallel roller bend. Other angles available upon request.	859mm	859mm	859mm
Bend - Roller Diameter	35mm diameter steel rollers are fitted at 37.5mm or 75mm pitch on the inner rail	50mm diameter steel rollers are fitted at 75mm pitch on the inner rail	50mm diameter steel rollers are fitted at 75mm pitch on the inner rail

Model	ZTL PC1	ZTL PF1	ZTM PN1
Lift Up Gate	Standard length 900mm. Standard widths 312 - 762mm (in 50mm increments). Provides clear pedestrian access for fire exits and occasional access - not recommended for continuous use. Spring assisted manual lift operation. Comprises standard straight section of conveyor, pivoted from the preceding track. Standard length of fixed portion of track - 1500mm to house spring assistance assembly. Should the access width need to be increased, then two lift-up sections can be positioned back to back to give a 'tower bridge' arrangement, with one of the sections fitted with a swinging leg to provide support for the two sections to rest on.		
Ball Table	22mm Ball Unit secured with claw spring clip. Ball pitch 75mm and 150mm.		
Mobile Base Frame	Can be used should site conditions require sections of conveyor to be moved to allow for the passage of fork lift trucks or other equipment through the line of conveyor. Braked swivel castors as standard. Variable heights and lengths available.		





Gravity Conveyor - CTH



Straight Track

Bend

Model	CTH NE4	CTH M60
Static Load Per Roller	100kg	150kg
Roller Diameter	50mm	60mm
Roller Pitch	75mm, 100mm and 150mm	75mm, 100mm and 150mm
Inside Track widths (in 50mm increments)	312 - 1012mm	312 - 1262mm
Height from bottom of frame to top of roller	'C' 106mm	'C' 111mm
Framework	100mm x 40mm x 4mm fully jig welded 'C' section framework.	100mm x 40mm x 4mm fully jig welded 'C' section framework.
Bend - inside radius	859mm	859mm
Bend - Roller Diameter	50mm diameter steel rollers are fitted at 75mm pitch on the inner rail.	60mm diameter steel rollers are fitted at 75mm pitch on the inner rail.
Lift Up Gate	Not available	Not available
Ball Table	Available upon request.	Available upon request.
Mobile Base Frame	Available upon request.	Available upon request.

Bends available up to 862mm inside track width. Other widths are available upon request.

Rollers and Spares



Optimise Your Operating Efficiency with our Rollers and Parts Service Guarantee

We have also gained a reputation for supplying high quality competitively priced rollers and spares to all aspects of the material handling industry. Our products are used by blue-chip companies in the UK and throughout Europe.

We have a high degree of standardisation in our systems which means we can guarantee a particularly rapid and reliable spare parts service to meet the end-users' needs with speed and ease.

Furthermore, by buying replacement parts from the original equipment manufacturer you are helping to ensure that the equipment stays in prime condition, optimizing the operating efficiency of your system.

Rollers

We are not only the largest conveyor manufacturer in the UK, but also the largest roller manufacturer, producing in excess of half a million rollers every year.

We source and purchase only the best raw materials directly from the mills, and in vast quantities - in excess of 200km of 50mm diameter steel tubing every year. This means that not only does it allow us to constantly meet order commitments, but it also makes our pricing extremely competitive.

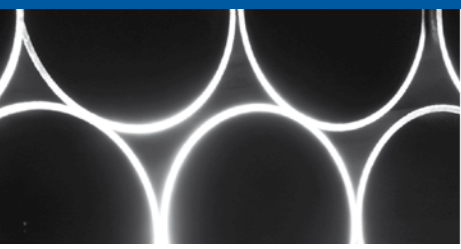
Our range of rollers includes: Gravity Rollers, Plastic Rollers, Stainless Steel Rollers, Grooved Rollers, Tapered Rollers, Sprocketed Rollers, Belt Conveyor Rollers, as well as an extensive range of specialised rollers.

Spares

We also produce an extensive range of stock components, again competitively priced, for Powered Roller Conveyors, Pallet Conveyors, Gravity Conveyors and Belt Conveyors, with all plastic conveyor components injection moulded here on site.

Please give us the opportunity to quote all your roller and spares requirements. We can guarantee: -

- Competitive prices.
- Fast turnaround.
- Extensive product range.
- Excellent customer service.

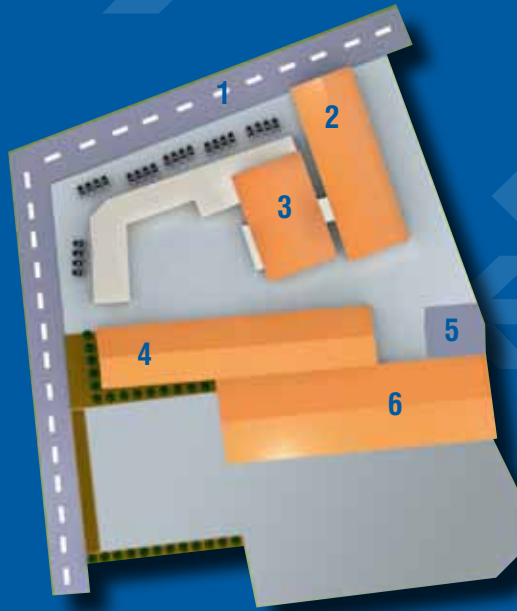


STOURPORT SITE

- 1 Goods Inwards
- 2 Made To Order Roller Department
- 3 Injection Moulding
- 4 Heavy Duty Drum / Roller Assembly
- 5 Press / Laser Processing Department
- 6 Aluminium Conveyor Assembly
- 7 Heathfield Road
- 8 Sandy Lane
- 9 Product Development
- 10 Tapered Roller Assembly
- 11 Pallet Conveyor Assembly
- 12 Belt Conveyor Assembly
- 13 General Assembly
- 14 Powder Coating Plant / Curing Oven
- 15 Production Welding
- 16 Main Reception
- 17 Despatch
- 18 Ancillary Assembly
- 19 Bend Fabrication
- 20 Press Brake



21 Stourport Showroom and Demonstration Area



LYE SITE

- 1 Stour Vale Road
- 2 Stores
- 3 Bearing Assembly
- 4 Press Department / Component Manufacture
- 5 Despatch
- 6 Flexible Conveyor Assembly



 conveyor solutions



CONVEYOR UNITS
QUALITY • PERFORMANCE • RELIABILITY