



Cobalt Conveyors Ltd

Goodyear Business Park
New Street | Mawdesley | Lancashire | L40 2QP

Tel: +44(0)1704 531377 | Fax: +44(0)1704 823212

Email: info@cobaltconveyors.co.uk

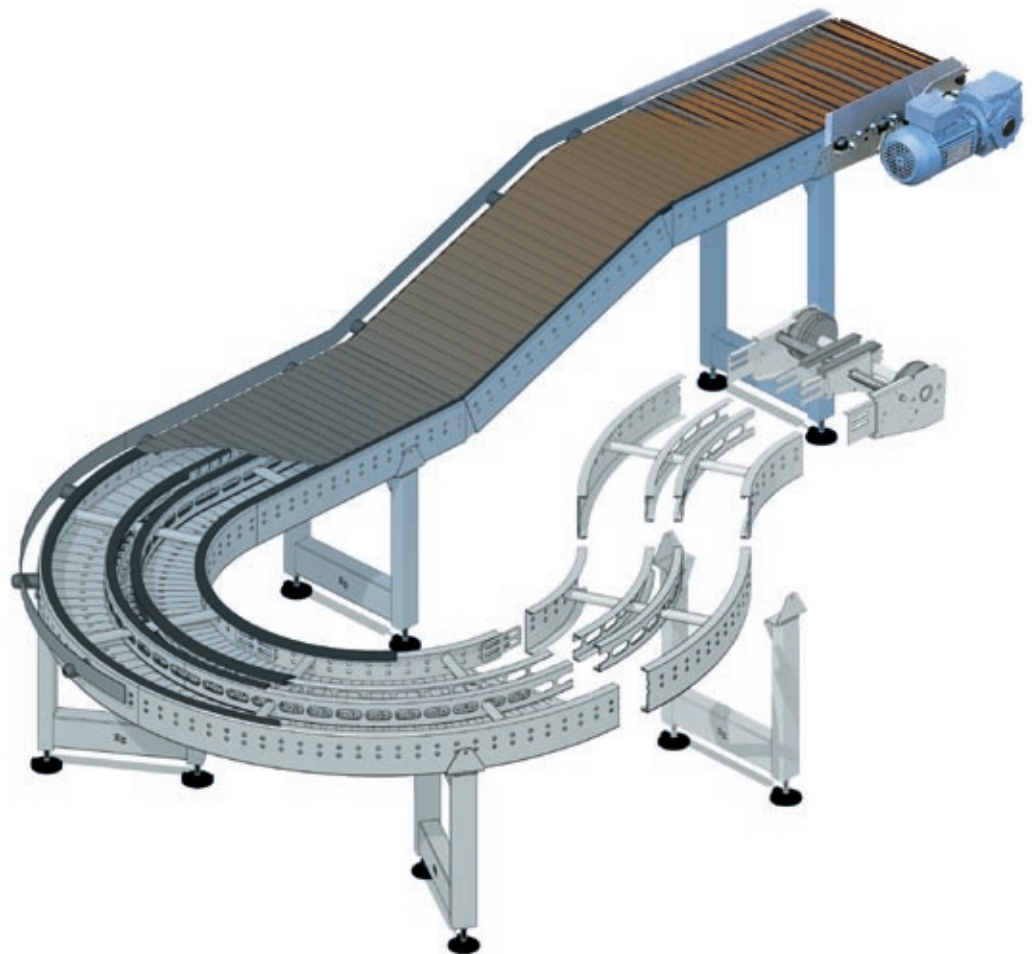
www.cobaltconveyors.co.uk



AmbaVeyor

Endless flexibility

- Endless flexibility at unbeatable prices
- 24 hours stock supply
- Unique modular conveyor system
- Cut the number of drives by two thirds
- High load capacity (up to 120 kg/metre)
- One continuous conveyor incorporates straights, inclines and curves
- Internet configuration and online ordering around the clock
- See www.AmbaVeyor.com



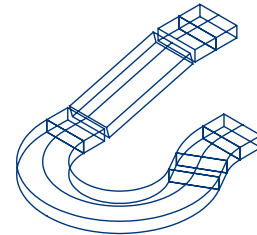
 **AmbaFlex**
www.ambaflex.com

e n d l e s s f l e x i b i l i t y

How AmbaVeyor benefits you

Endless flexibility at unbeatable prices

With its combination of durability and limitless versatility, the AmbaVeyor represents real value for money. Where complicated manoeuvres are involved, traditional systems can be up to four times more expensive for comparable functionality. The favorable AmbaVeyor modules prices prove unbeatable overall track prices.



Pre engineering



Frame assembly

24 hours stock supply

AmbaVeyor modules are stocked at several distribution centres around the world. This ensures short delivery times and ready availability. If you order stocked parts before noon, they will be on their way the same day.



Unique modular conveyor system

The AmbaVeyor frame modules can be assembled into a complete conveyor in no time at all. Once the slide strips and belt have been snapped into place and the slat belt has been pulled in, the conveyor is ready to run. Modules are available in kit form or, if preferred, they can be supplied in standard lengths that can easily be cut to size on site. Bring sufficient parts on site and install as simply as you would do the wiring.



Base AmbaVeyor



Endless slat-belt

Cut the number of drives by two thirds

Depending on the application, AmbaVeyors can operate along a distance of **50 metres** with a continuous belt and just one drive. The reduced number of drives enhances the versatility of the system as a whole and reduces cost by eliminating drives, wiring and electronic components.

High load capacity (up to 120 kg/metre)

The load per linear metre can be up to **120 kg** for some products. Such heavy loads render the AmbaVeyor suitable for almost all indoor unit handling applications.



AmbaVeyor with accessories



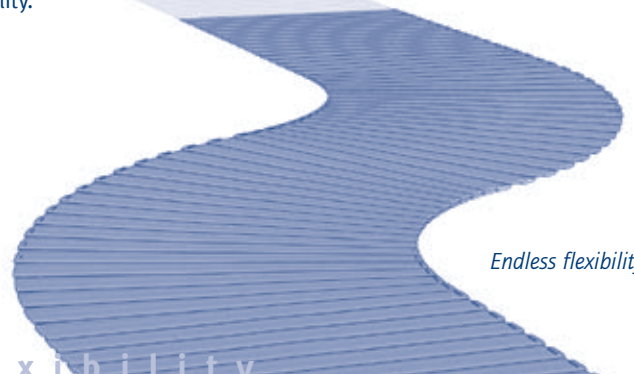
Ready to run conveyor

One continuous conveyor incorporates straights, inclines and curves

The AmbaVeyor runs snakelike through curves, inclines and straights with a continuous 3D-flexing belt. It is a unique style of belt based on composite slats fitted on a strong steel base chain. The reduced number of transfers avoids jams and increases versatility.

Internet configuration and online ordering around the clock

In addition to the product features and low investment cost, the AmbaVeyor comes with on-line technical catalogues, CAD models and even a price and drawing wizard. Save time and calculate your AmbaVeyor in as little as ten questions, and order it at the same time.



Endless flexibility

The AmbaVeyor Principle

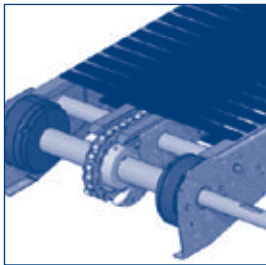
The Base

The AmbaVeyor is a modular conveyor system designed for the internal transport of unit loads. The main elements of the AmbaVeyor are the frame and the belt (also referred to as chain or slat chain).

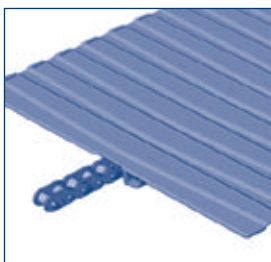
The belt's unique ability to flex sideways and to negotiate upward and downward bends allow the AmbaVeyor to incorporate straight, inclined and covered tracks in a one-drive conveyor system that can extend over distances of up to 50 metres.

The Belt

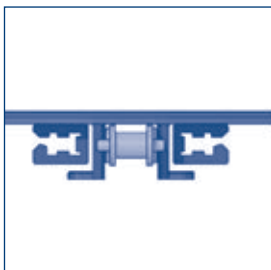
The system's load capacity relies on the belt's centre chain. The chain is driven by the drive unit and it returns through the frame from the idler unit.



This positive 210° sprocket-wrapped drive withstands high pull forces and ensures durability.



The slats are snapped onto the centre chain and can be replaced individually at the drive and idler unit without the need for special tools. The taps at the centre of the belt are enclosed along the frame's entire length including the return.



Because the belt is so well captured, the AmbaVeyor is able to convey loads in all directions and pass through bends without any problem. As a result, the AmbaVeyor conveyor has no tracking problems, even when side pushing products to and from the belt.

The TPO slats applied in the AmbaVeyor overlap each other and form a closed conveyor belt. This universal belt type is suitable for almost all applications. The slats can be fitted with a high friction top in order to transport along inclines. The grip is determined by the ratio of high friction to normal slats.

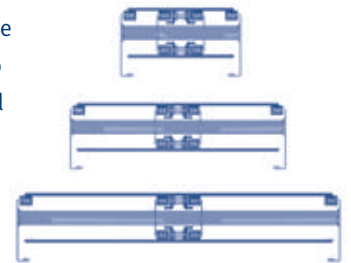
Performance

The AmbaVeyor is capable of running at speeds of up to sixty metres per minute. The maximum belt length can vary from ten to fifty metres, depending on load and track layout.

The belt moves on slide profiles around the centre and on the outer ends of each slat. This ensures stable support over the entire width. The load capacity can be up to 120 kg/metre, depending on the type of product to be conveyed.

Configurations

The AmbaVeyor is available in belt widths of 200, 400 and 600 mm. The material configurations range from coated mild steel to 100% wash-down stainless steel.



Specials



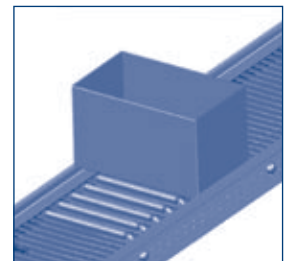
Helical curves



Twist segments



Special curve radii



AccuAF

AmbaVeyor delivery and support levels

The AmbaVeyor is configured to serve the needs of each individual customer. For customers equipped to engineer their own conveyer routes, the AmbaVeyor is supplied as part delivery in standard or customized dimensions that are easy to install on site. For customers with other needs, the AmbaVeyor is available pre-engineered or even ready to run. A programme of specials is available for particular applications.

The AmbaVeyor is the cost-saving conveyer solution. Services that are not required are not paid for. AmbaVeyor standard or customized parts are available through AmbaVeyor.com at discounted rates. There is a reasonable charge for high level support such as pre-engineered and ready to run deliveries.



Part delivery

Order your parts through AmbaVeyor.com and save extra on costs.

■ Standard parts programme

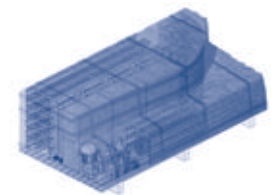
If ordered before noon, standard parts can be shipped the same day if required. Standard parts ensure the lowest prices possible because they do not require preparatory engineering work.

■ Customized parts programme

Standard parts may be customized to suit special requirements. Customizing includes the shortening of straight tracks to the required length, coating in any colour, cutting curve angles, the preparation of required high friction belting ratio and non-standard gear drive supply.



AmbaVeyor package



Part delivery



Pre-engineered lay out

AmbaVeyor Part List				
Part No.	Part Name	Quantity	Unit	Remarks
Part 01 - AmbaVeyor conveyor belt (1000mm x 1000mm)				
01	Conveyor belt	100	m	
Part 02 - AmbaVeyor conveyor rollers (1000mm x 1000mm)				
02	Roller	100	pcs	
Part 03 - AmbaVeyor conveyor supports (1000mm x 1000mm)				
03	Support	100	pcs	



Pre-engineered delivery

With pre-engineered delivery the AmbaVeyor is designed to suit your floor plan, thus reducing the need for customer input. The AmbaVeyor sales engineers are available to translate your layout sketch into a drawing and parts list.

There is a choice to deliver or sufficient standard parts or deliver as a kit (customized parts).



Ready to run delivery

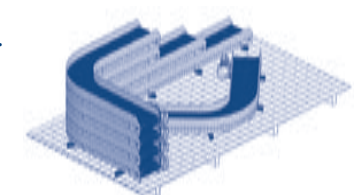
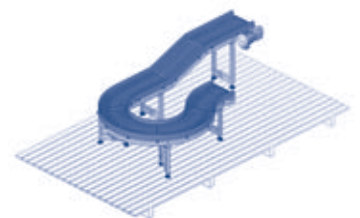
The AmbaVeyor ready to run programme is the ultimate in integration convenience. Once the conveyer (system) has been pre-engineered by the AmbaVeyor sales engineers, it is delivered complete ensuring that the system integrator does not lose time on assembly.

■ Ready-assembled conveyor

Conveyors with a compact footprint that can be shipped on a pallet can be delivered pre-assembled / ready to run. A ready-assembled AmbaVeyor can be integrated easily into a system. It only requires positioning, levelling and the electrical connection.

■ Assembly on site

Conveyors that are too large for efficient shipping can either be assembled on site by the integrator or ordered as a turn-key project with AmbaVeyor site installation service.

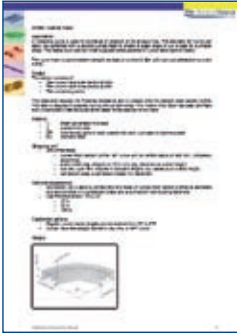


Ready to run AmbaVeyor

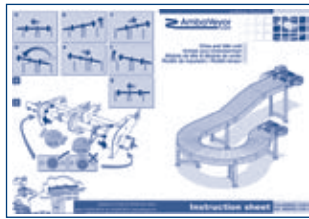
Design and Installation

AmbaVeyor Design

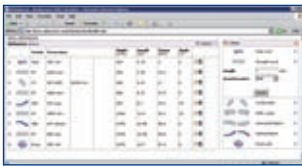
Various tools are available to the system integrator if they do not require AmbaVeyor's engineering design services.



Engineering Manual



Instruction Sheet



AmbaVeyor Web Calculator



Drawing modules

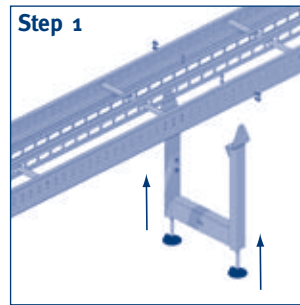
Design and Installation training

AmbaVeyor training can be given on the job or at an AmbaVeyor service centre. Trained AmbaVeyor supervisors can provide site engineers on-the-job assistance and training that will equip them to undertake the following installation independently. The AmbaVeyor product specialist is able to provide design and installation training at your premises. AmbaVeyor training courses are also held at AmbaVeyor headquarters for long-standing customers and resellers.

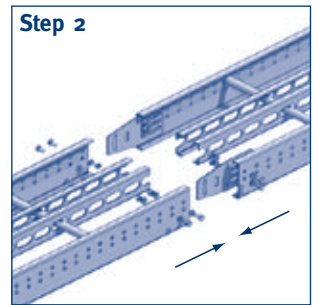


AmbaVeyor installation

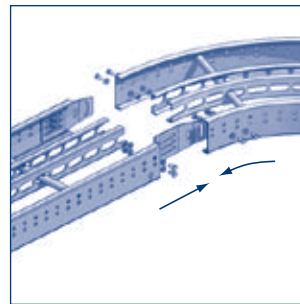
The AmbaVeyor installation is straightforward and can be carried out by any qualified site installation engineer. The AmbaVeyor installation take only 5 steps:



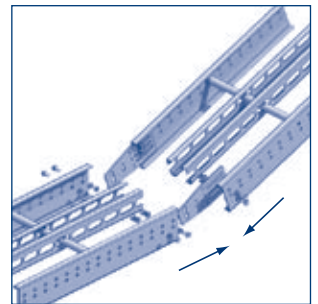
Step 1
Preparing supports



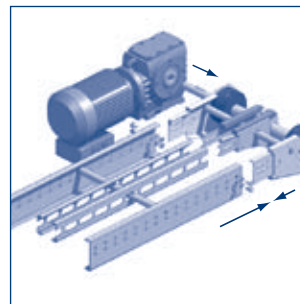
Step 2
Straight frame assembly



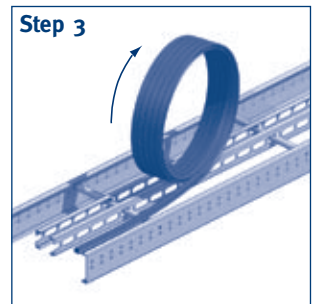
Straight to curve assemble



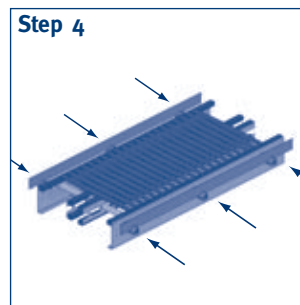
Incline assembly



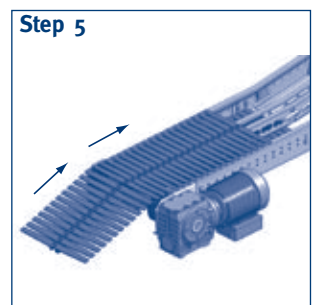
Drive / idler units assembly



Step 3
Snapping on the slide strips



Step 4
Product guides



Step 5
Pulling in the chain



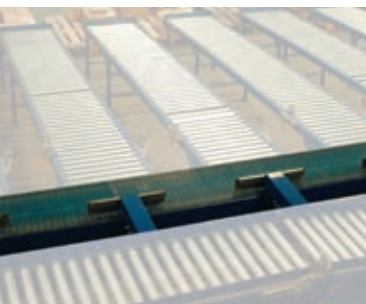
Empty crates



Print finishing



Retail distribution



End of line sortation

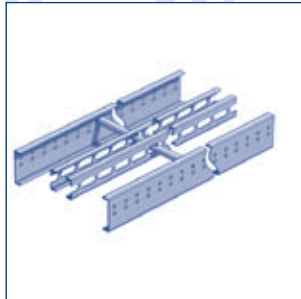


Food packing

Components Stock Programme

The AmbaVeyor Stock Programme modules are delivered and priced including all required parts, slide strips, slat-belt, fasteners and connecting plates. These parts are delivered in standard packing quantities and with the guarantee that sufficient parts are included for a complete and smooth installation on site.

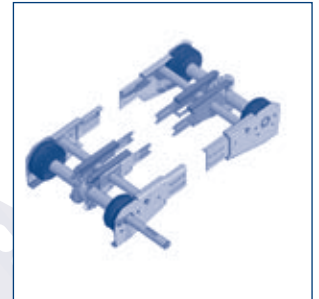
Overview of modules



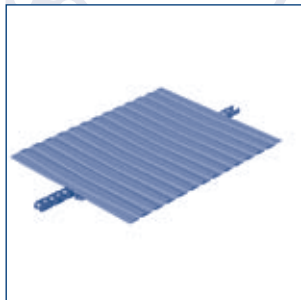
Straight track



Curved track



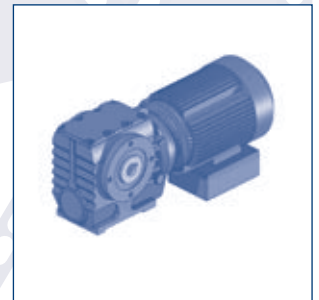
Drive and idler



Slat-Belt

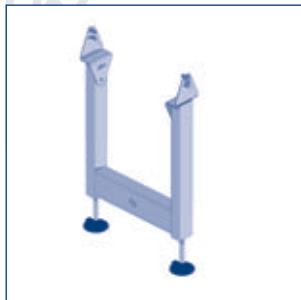


Slide-strip

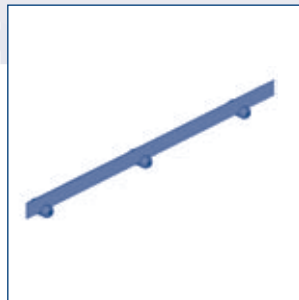


Gear drive

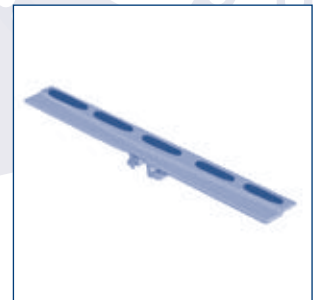
Accessories



Supports



Guides



High friction inserts

More info: For further details on the available modules, please see our latest AmbaVeyor engineering manual available from AmbaVeyor.com. For current stock availability and actual prices consult www.AmbaVeyor.com



Office EUROPE, Holland
Office NORTH AMERICA, USA
Office ASIA, Singapore

mail@ambaflex.com
info@ambaflex.com
info_singapore@ambaflex.com

phone +31 (0)229 285 130
phone (877) 800 1634
phone (65) 6560 2866

fax +31 (0)229 285 131
fax (877) 800 1635
fax (65) 6554 2868