

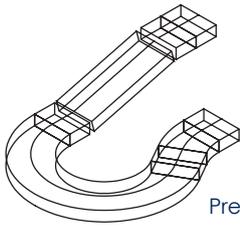
AMBAVEYOR AF

Endless flexibility

- Endless flexibility at competitive prices
- 24 hours stock supply
- Unique modular conveyor system
- Cut the number of drives by 30%
- High dynamic load capacity (up to 50 kg/metre)
- One continuous conveyor that incorporates straights, inclines and curves
- Internet configuration and online ordering



How AMBAVEYOR BENEFITS YOU



Pre engineering

Endless flexibility at competitive 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.



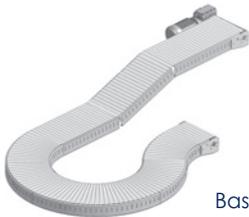
Frame assembly

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 onsite. Bring sufficient parts on site and install as simply as you would do the wiring.



Base AmbaVeyor

Cut the number of drives by 30%

Depending on the application, AmbaVeyors can operate along a distance of up to **50 metres** with a single 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.

One continuous conveyor that incorporates straights, inclines and curves

The AmbaVeyor runs effortlessly through curves, inclines and straights with a continuous 3D-flexing belt. This centrally guided belt is a unique type based on composite slats fitted on a durable steel base chain. The reduced number of transfers avoids jams and increases versatility.



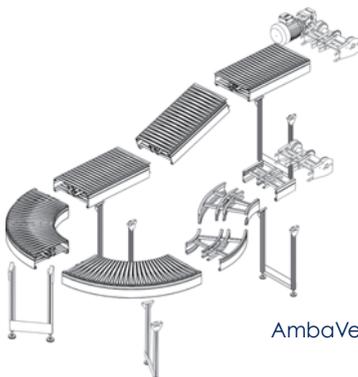
Endless slat-belt

High dynamic load capacity (up to 50 kg/metre)

The load per linear metre can be up to **50 kg**, depending on the application. Such heavy loads make the AmbaVeyor suitable for almost all indoor unit handling applications.

Internet configuration and online ordering

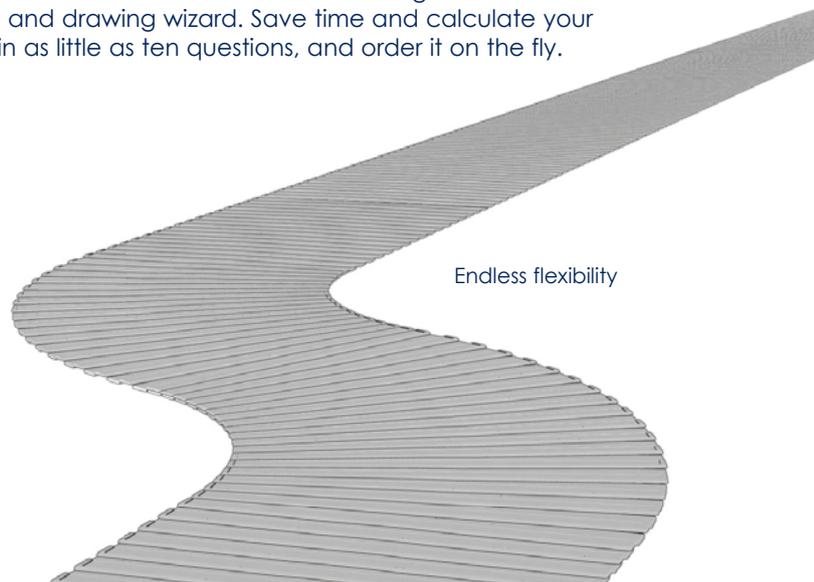
In addition to the product features and low investment cost, the AmbaVeyor comes with on-line technical catalogues, CAD models and even a price and drawing wizard. Save time and calculate your AmbaVeyor in as little as ten questions, and order it on the fly.



AmbaVeyor with accessories



Ready to run conveyor

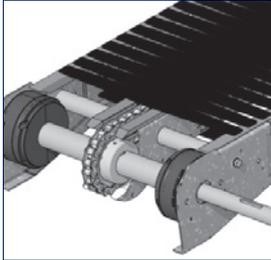


Endless flexibility

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

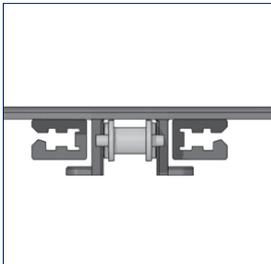
The system's load capacity relies on the belt's centre chain. The chain is driven by the drive unit and it returns through the frame from the idler unit. This positive 210° sprocket-wrapped drive withstands high pull forces and ensures durability.

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 50 kg/metre, depending on the type of product to be conveyed.

Configurations

The AmbaVeyor is available in belt widths of 200, 300, 400 and 600 mm. The frame is made of aluminium extrude profiles with t-slots, galvanized inner profiles and cross members. The frame is fitted with extruded HDPE profiles to slide the belt on the frame. For stainless steel configuration, please ask us for the specifications.



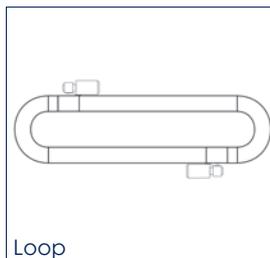
Specials



Helical curves



Tilter segments



Loop



SpiralConnect

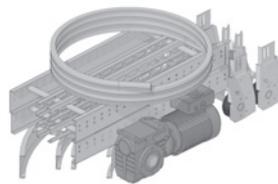
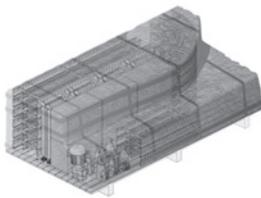
AMBAVEYOR DELIVERY AND SUPPORT LEVELS

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 customized dimensions that are easy to install on site. For customers with other needs, the AmbaVeyor is available pre-assembled 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.



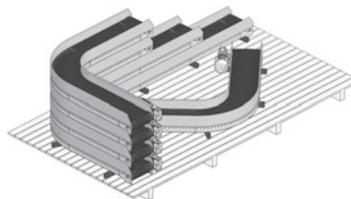
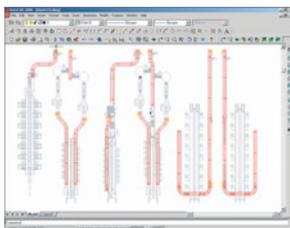
Customized Part Supply

- AmbaFlex will take your lay-out and make a fitting solution;
- Customized modules according your requirements;
- You do the installation of the AmbaVeyor.



Pre-assembled supply

- AmbaFlex will take your lay-out and make a fitting solution;;
- We do the complete mechanical installation in our assembly;
- The AmbaVeyor is split in parts for transport;
- You do the final assembly of the parts



Ready-to-Run Supply

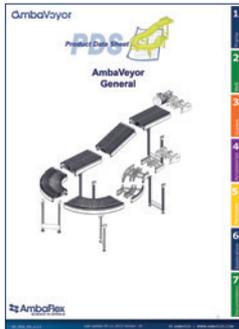
- AmbaFlex will take your lay-out and make a fitting solution;
- We do the complete mechanical installation in our assembly;
- We supply the AmbaVeyor as a ready-to-run machine.



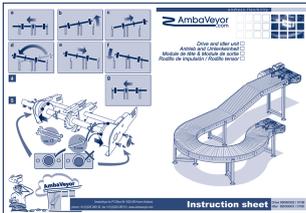
DESIGN AND INSTALLATION

AmbaVeyor Design

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



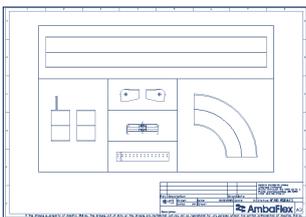
Product Data Sheet



Installation Sheet



AmbaVeyor Web Calculator



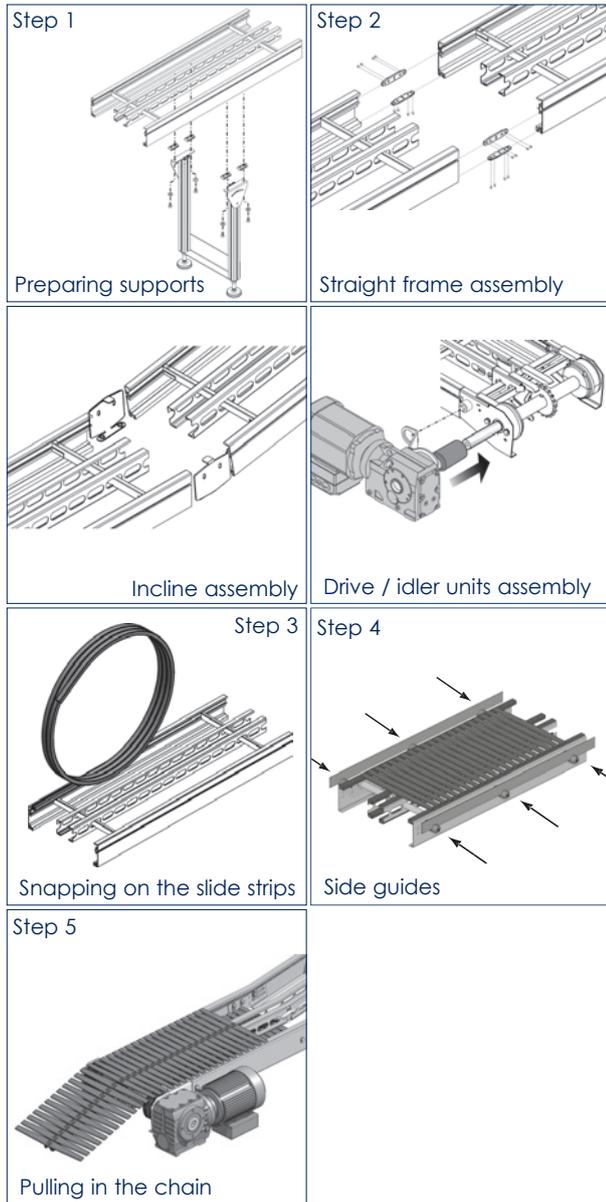
Drawing modules



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:

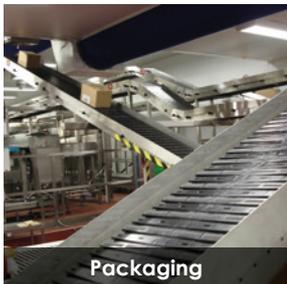


Design and Installation training

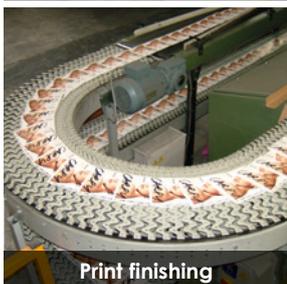
AmbaVeyor training can be given on the job or at an AmbaVeyor service centre. Trained AmbaVeyor supervisors can provide site engineers on-the-job assistance and training that will equip them to undertake the following installation independently.

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.

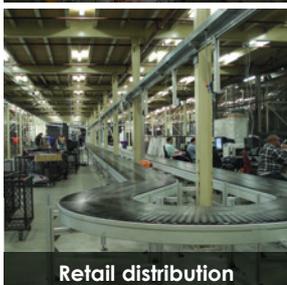
FURTHER INFORMATION



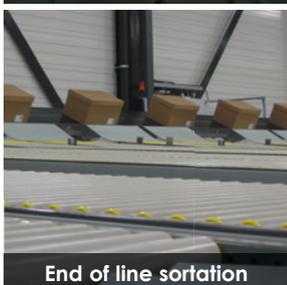
Packaging



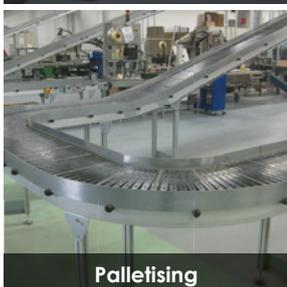
Print finishing



Retail distribution



End of line sorting



Palletising

For further details on the available AmbaVeyor modules, the curved solutions, the current stock availability and actual prices, please send your email to info@ambaveyor.com or call one of the regional offices.

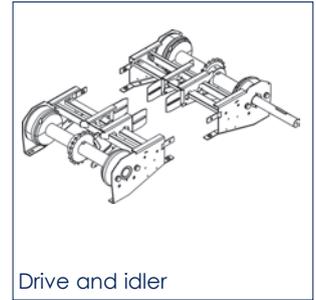
Overview of modules



Straight track



Curved track



Drive and idler



Slat-Belt



Slide-strip



Gear drive

Accessories



Supports



Guides



High friction inserts



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