



the new conveyor **collection**



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excellence built in



Whether it is a small package weighing grams or a one tonne pallet, there is a conveyor in the Uni-Series to handle it.

From assembly to despatch, the Uni-Series will make production more efficient, rapid and safer.

All equipment in the range is modular in design which together with the extensive choice of ancillary equipment, enables the user to make a tailor made system to suit their own specific requirements.

With a track record of over 40 years constant improvement and innovation, the Uni-Series is in use throughout Europe in a Wide spectrum of industries.



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Illustrated System

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Powered Roller Conveyor

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Lineshaft driven roller conveyor, offering accumulation, efficiency, economy, a wide range of modules and the ability to be formed into tailor made layouts.



Belt Conveyors

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Designed to provide a smooth and continuous flow of product under positive control. Used for the change in elevation, either decline or incline.



Gravity Roller Conveyors

page 8

The economical and simplest form of transporting loads from one point to another. Minimal effort required in the movement of goods whether it is manual assistance or gravitational force.



Motorised Roller Conveyor

page 9

The progressive assembly conveyor system offers a production aid with cleanliness, safety and quiet operation.



Pallet Handling Conveyor

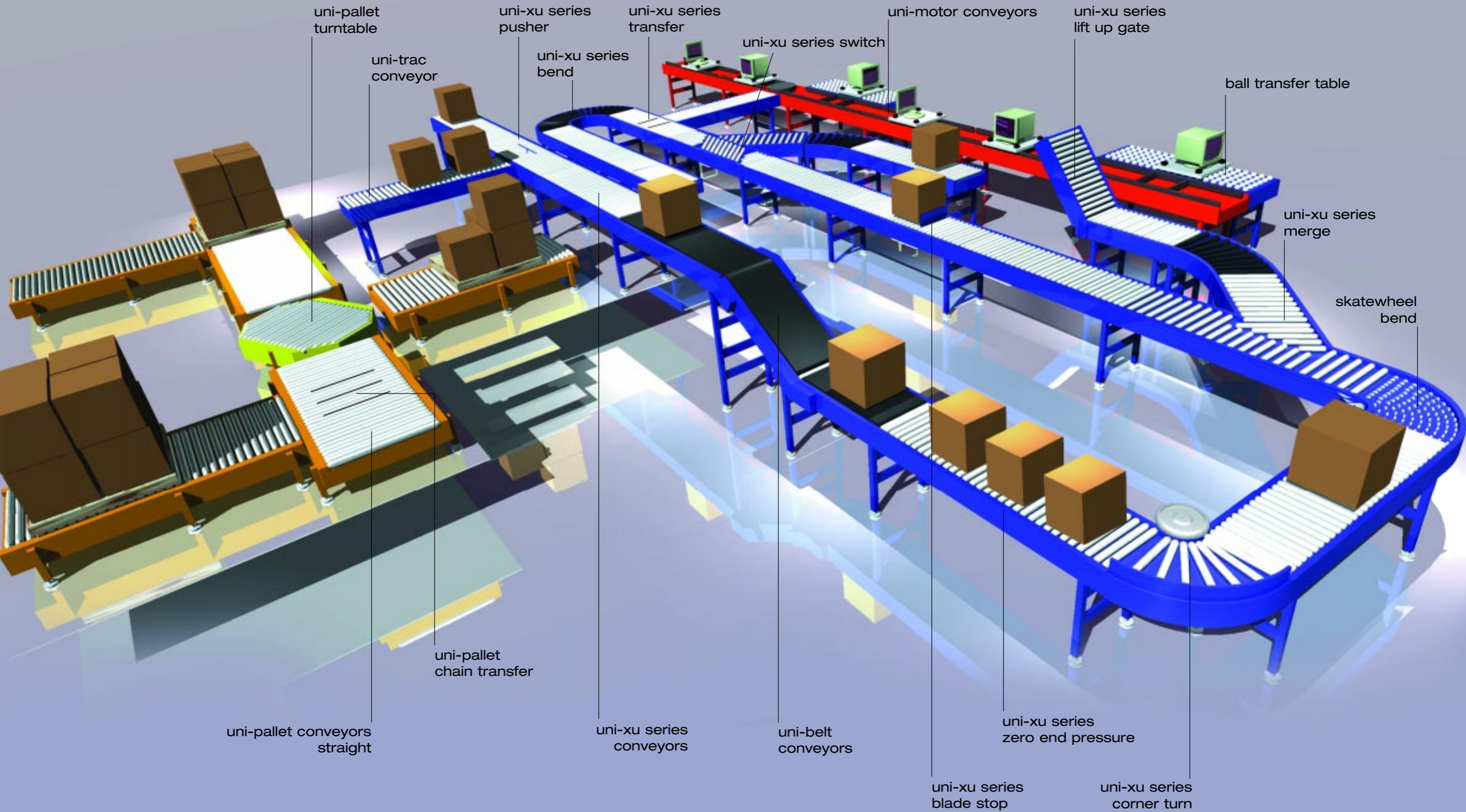
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Designed to overcome the age old problem whereby heavy loads cannot be accumulated with minimum or zero end pressure.



illustrated system

Below are examples of units of conveyors shown forming an integrated system.



The Modular design of Uni-Xu's Lineshaft Driven Roller Conveyor range enables purpose designed layouts and systems to be arranged with standard modules. The wide range of units available allows the most complex systems to be easily assembled.

Features:

ACCUMULATION

Products can queue without heavy build up of pressure, ie. at work stations or where traffic control is required.

A patented zero line pressure system is also available.

EFFICIENCY

Individually powered rollers are driven by the lineshaft via elastomeric belts, allowing a single motor to power large sections of an overall system

ECONOMY

As fewer drive motors are required, installation, maintenance and power consumption is reduced

NOISE LEVELS

The conveyor is designed to operate within acceptable noise levels for most working environments

HEALTH AND SAFETY

All features of the conveyor comply with current Health and Safety regulations

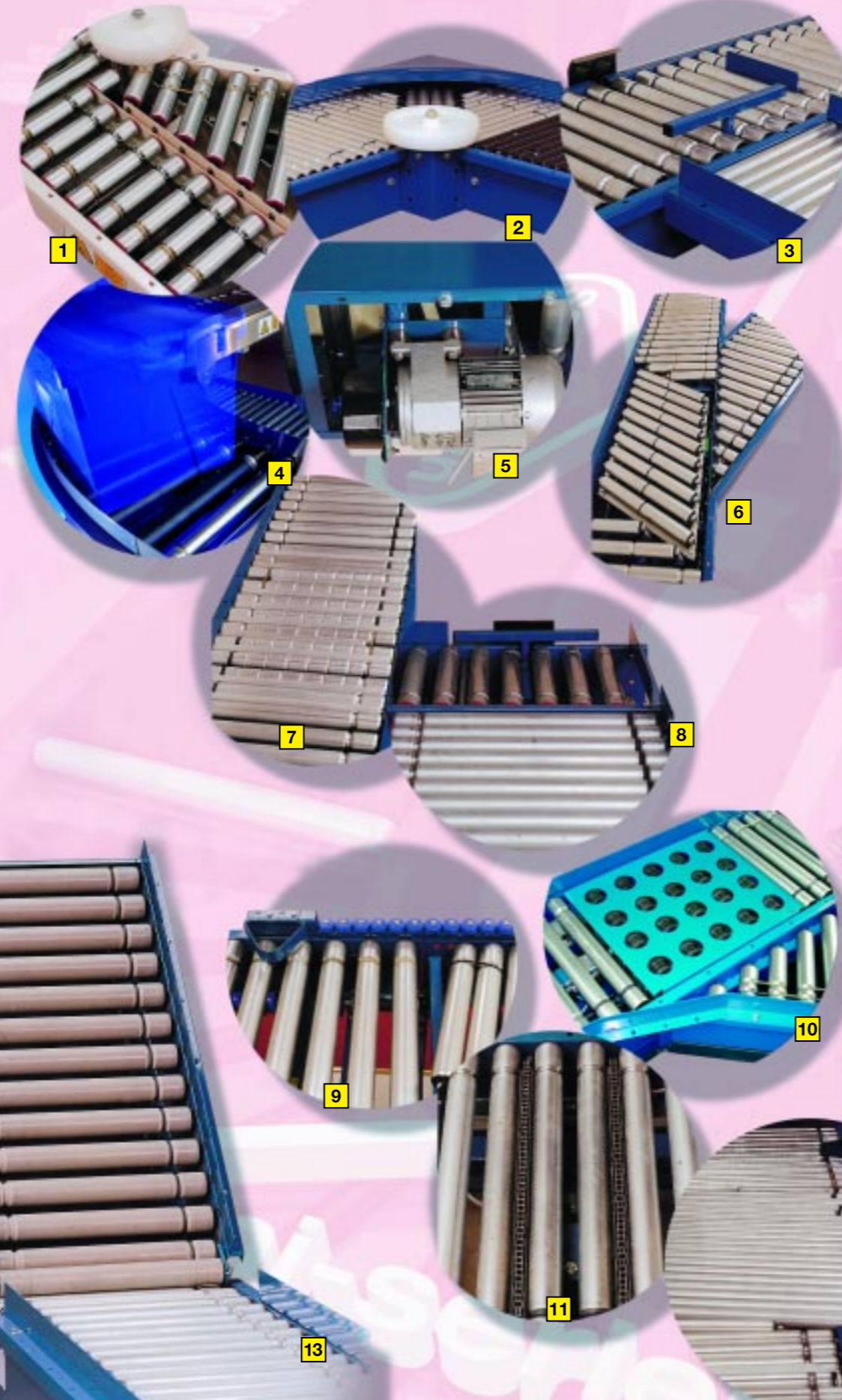
TYPES AND CAPACITIES

XU30 and XU30S. 35mm diameter rollers, 37.5mm pitch 4 kg drive per roller. Designed to carry small products

XU60 50mm diameter rollers, 75, 100 and 150mm pitch 8 kg. drive per roller. Designed to suit the majority of applications

XU90 as the XU60 but with a drive per roller of 12 kg. Designed to give extra capacity for heavier applications

All conveyors are available in a variety of inside frame widths from 312mm up to 762mm



Key to Products

- 1 Merge Section
- 2 Corner Turn
- 3 Pusher Unit Mid Position in Straight Section
- 4 90 Degree Bend
- 5 Drive Unit
- 6 Switch Section
- 7 Multi Grooved Rollers at the start of an inclined section
- 8 Pusher Unit positioned at the end of a straight section
- 9 Pack Turn Unit
- 10 Switch Sorter
- 11 Chain Transfer
- 12 Pack Positioning Unit
- 13 Lift up Gate Section



Designed to match the Uni-XU range, Uni-Belt's aesthetically pleasing clean line side frames and modular construction offers an outstanding combination of economy, modern design, quality and performance.

Two types of frame are available: Uni-XU type and the light duty at 75mm deep.

FEATURES:

Skid or roller deck

Standard speeds 5 to 30 metres per minute

Outstanding combination of economy, modern design, quality and performance

Smooth clean line side frame section, matching the Uni- XU series of powered roller conveyors, or available with slimline side frame section

Easily maintained:

Lift out the detachable skid plate with quick release end terminals and tension rollers

All conveyors are supplied with under guarding fitted as standard, guide rail is an optional extra

A full range of conveyor belts are available to suit most applications



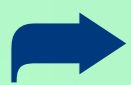
Standard Products available:

- Incline/Decline Conveyor
- Horizontal Conveyors
- Mobile Conveyors
- Comprehensive Range of Belt Types
- Pop-out Safety Roller
- Motorised Drum
- End Drive
- End Tension
- Terminal End
- Intermediate Drive
- Intermediate Section
- Nose Over
- Change Direction

Also available in stainless steel

uni-series

uni-series



These gravity, roller and skatewheel conveyor units provide clean, unbroken lines in any system where sections of unmotorised travel is required.

Features:

- Unique Skatewheel and ball unit fixing
- Revolutionary stub axle roller fixing on certain models
- Quality ball bearing for smooth and quick operation

TYPES AND CAPACITIES

- Available with steel or plastic rollers
- Steel: 35mm, 50mm and 57mm diameters
- Plastic: 40mm and 50mm diameters
- Various widths from 312mm to 762mm depending on roller specification
- Various pitches depending on roller diameter

Key to Products

- 1** Lift up gate
- 2** Skatewheel bend
- 3** Ball transfer table
- 4** Bend
- 5** Skatewheel bend, connected to roller conveyor, mounted on support stands

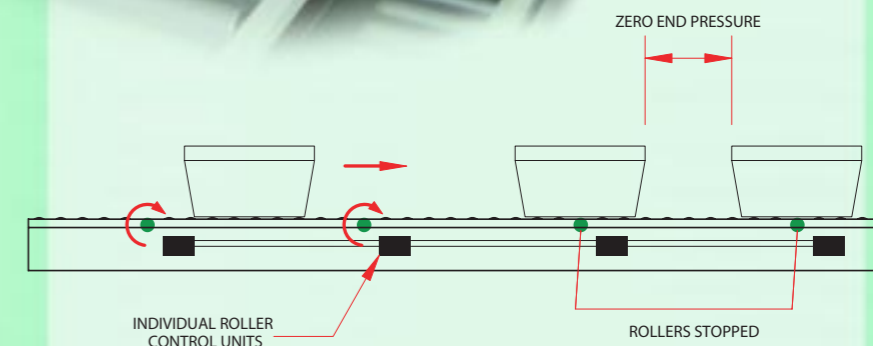


Individually powered driven motorised rollers in a maximum zone length of 900mm, with slave driven rollers at 75mm pitch, form the basis of this quiet and cost saving system.

The system can be supplied complete with a proven intelligent electronic control package that gives a cascading supply of product along the conveyor track, plus zero end pressure capabilities

FEATURES:

- Available in various track widths
- Simple 'snap' together wiring connections
- 90°, 60°, 45° and 30° bends
- Speed range of 10 to 30 metres per minute
- Powered by 24 volt DC brushless motor



Key to Products

- 1** Bend
- 2** Straight track



uni-1500 pallet conveyor

chain driven **pallet conveyor**

Uni-Pallet is a rugged, easy to install, simple and safe to operate conveyor system designed for moving larger loads. 1000mm x 1200mm pallet loads can be safely accumulated.

A range of ancillary equipment is available, including Transfer Units and Turntables which can transform the Uni-Pallet modules into a completely integrated system.

Features

Maximum load capacity 1500Kg including pallet

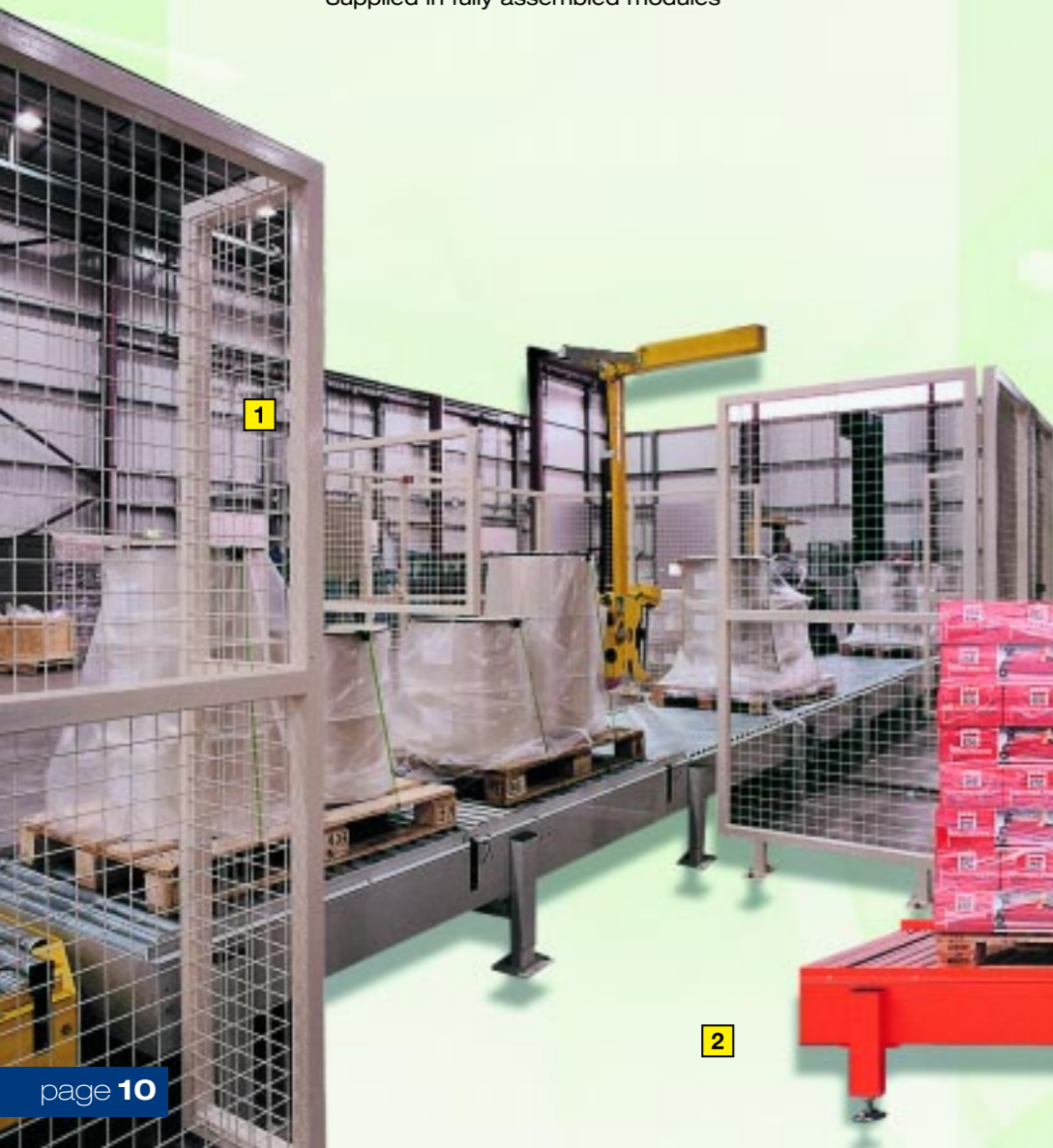
Linespeed 10m per minute standard

Operational Safety

Noise reduction when compared with other types of pallet conveyor

Clean line appearance

Supplied in fully assembled modules



1

2



3



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Key to Products

- 1 Conveyor system in operation
- 2 Straight section
- 3 Straight section showing accumulation
- 4 Turntable