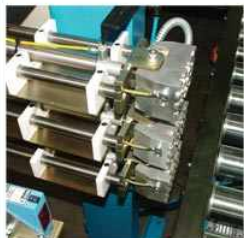


SCOTT

Package Handling Systems



PRODUCT CATALOGUE

DEDICATION TO INNOVATION



Welcome to SCOTT PHS

Our purpose is growing technology with dedication to innovation.

We design and manufacturer depalletizer, conveyor and palletizer systems tailored to your requirement.

Your needs are never lost in translation

1. We listen
2. We engineer your solution
3. We take your concept to completion

Your ideas! Our World!



PRODUCT CATALOGUE

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PALLET HANDLING

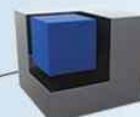
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SCOTT
Package Handling Systems

SCOTT-50



Semi-Automatic
Mini Depalletizer



SCOTT-50

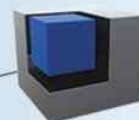
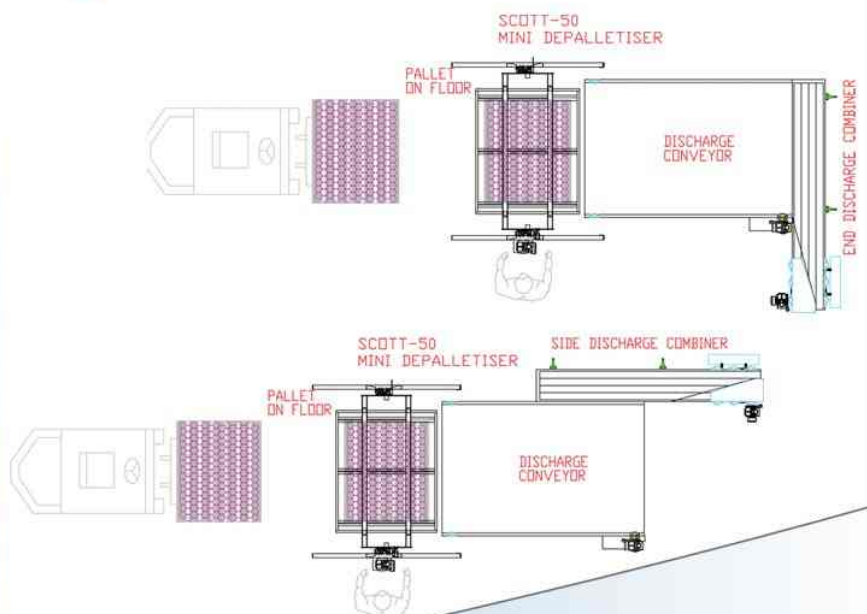


overview

Designed to aid manual depalletizing of your products, the small footprint SCOTT-50 Semi Automatic Depalletizer is suitable for applications requiring a cycle rate of up to 1 layer every 1.5 minutes (single operator). Suitable for many PET and glass bottles.

features

- Suitable for all pallet types and sizes
- PLC controlled
- Heavy duty gearboxes
- Pneumatically assisted horizontal travel
- Stainless Steel construction
- Simple Operator Controls
- Easy installation



SCOTT
Package Handling Systems

SCOTT-300



Low-Level
Bulk Depalletizer



SCOTT-300

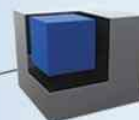
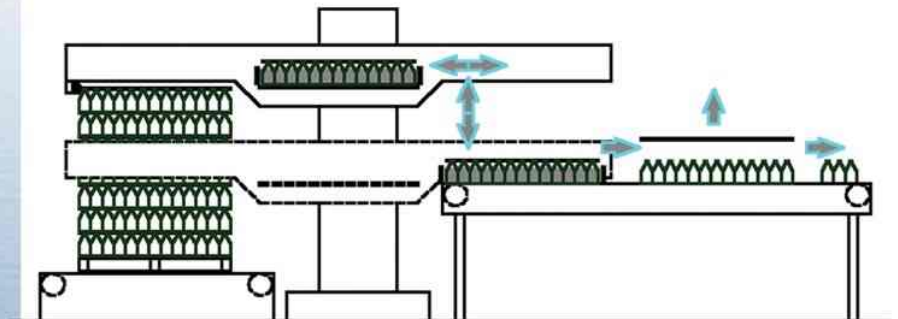


overview

The SCOTT - 300 Low Level Bulk Depalletizer is a fully integrated automatic Depalletizing system, which boasts an extremely flexible modular design. It depalletizes a range of products from a pallet and removes and stacks Tier/Layer Sheets, Top Frames, and empty pallets, all automatically.

features

- Low-level product discharge
- Ground level operator and machine interface
- Simple product change-over
- Sensing of pallet stack
- 4-sided linear layer clamping
- Stack stabilizing mechanism
- Top of layer clamp
- Tier/Layer Sheet gripping during layer transfer
- Automatic removal of Tier/Layer Sheets and empty pallets
- Optional end or side discharge singulizer



SCOTT
Package Handling Systems

SCOTT-400



High-Level
Bulk Depalletizer



SCOTT-400

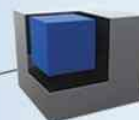


overview

Available in both semi-automatic and fully automatic models, the SCOTT-400 Depalletizes a range of products at speeds of up to 4 layers / minute automatically removing and stacking the Tier/Layer Sheets and the empty pallets.

features

- Modular construction offers flexible layout options
- Easy operator access
- Simple and intuitive interface control
- Simple product changeover
- Fully auto models include integrated empty pallet and layer sheet stacking.
- Electro-mechanical operation
- 4-sided layer clamping



SCOTT
Package Handling Systems

SCOTT- ROBOT



Robotic
Depalletizer



SCOTT- ROBOT



overview

SCOTT utilizes 60 years of material handling experience in combination with ABB Articulated Arm Robots to supply and integrate a full range of Robotic Depalletizers for a wide range of applications.

Fast, flexible, and reliable, the ABB IRB660 delivers optimum performance to complement our end-of-arm tooling (EOAT) designs to meet your product needs.

features

- The ABB IRB660 robot, a world leader, has a high payload, a high speed, and a long reach
- Single and multi-line systems
- Empty pallet pick-and-place by robot
- Multiple product handling
- Shuttle car mounted option to service multiple lines
- All our Robotic end-of-arm tooling is designed, manufactured, and tested in-house



SCOTT-200/220



Low-Level
Layer Palletizers



SCOTT-200/220

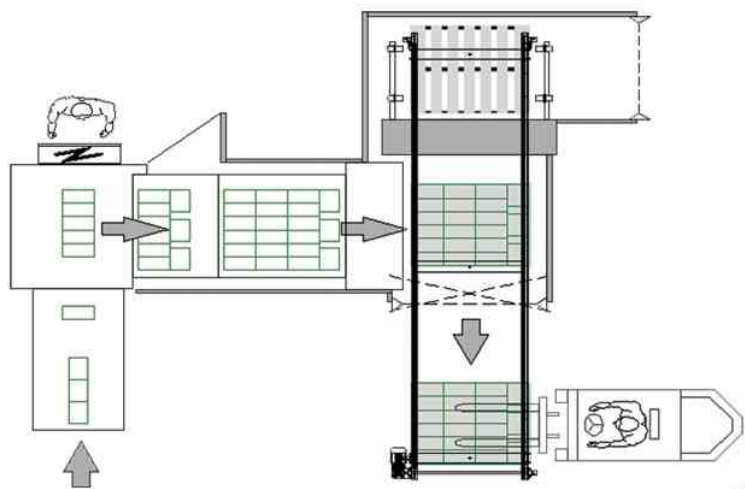


overview

Palletizing a multitude of different products accurately and efficiently best describes the SCOTT-200/220 Low-Level Layer Palletizer series. Controlling, orientating, and pattern forming, it palletizes your product at rates of up to 3 Layers / minute

features

- Palletizing of Cases, Crates, Trays, Pails
- Modular construction allows on-site re-handing
- Integral pallet and sheet dispensers
- Quick tool-free changeover between products
- Optional pallet shuttle for multi-product infeed
- Stack height sensing
- Electro-mechanical Operation
- PLC Control



SCOTT- ROBOT



Robotic
Palletizers



SCOTT - ROBOT



overview

SCOTT utilises 60 years of material handling experience in combination with ABB Articulated Arm Robots to supply and integrate a full range of Robotic Palletizers for a wide range of applications.

Fast, flexible, and reliable, the ABB IRB660 delivers optimum performance to complement our end-of-arm tooling (EOAT) designs to meet your product needs. We can handle anything from RSC cases, open trays, shrink wrapped products, and all sorts of unique custom products.

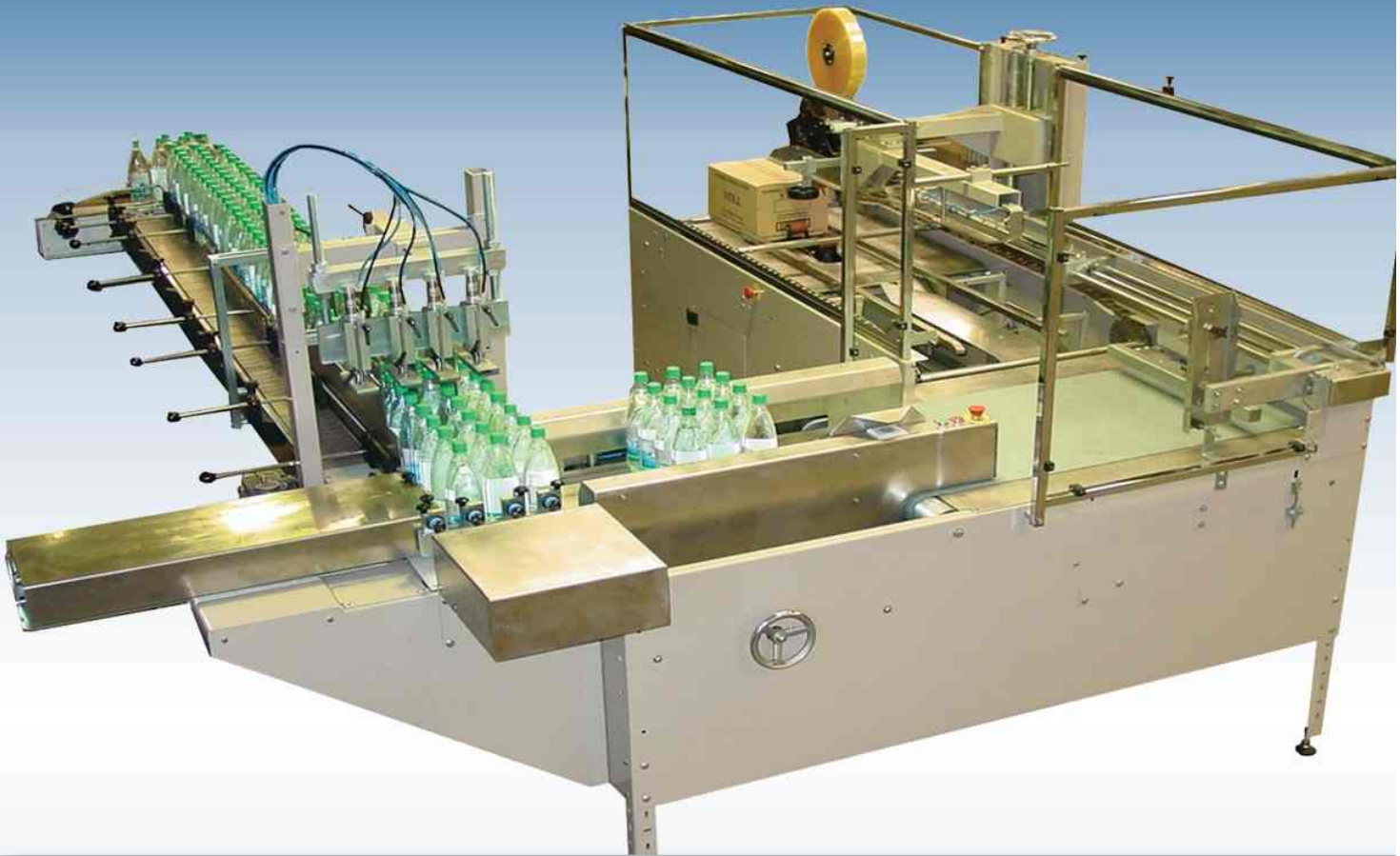
Be it single case, multiple case or complete layer palletizing, SCOTT will design, manufacture, and commission a solution for you.

features

- The ABB IRB660 robot, a world leader, has a high payload, a high speed, and a long reach
- Single and multi-line systems
- Empty pallet pick-and-place by robot
- Multiple product handling
- Shuttle car mounted option to service multiple lines
- All our Robotic end of arm tooling is designed, manufactured, and tested in-house



SCOTT-60



Semi-Automatic COP Case Packer



SCOTT-60

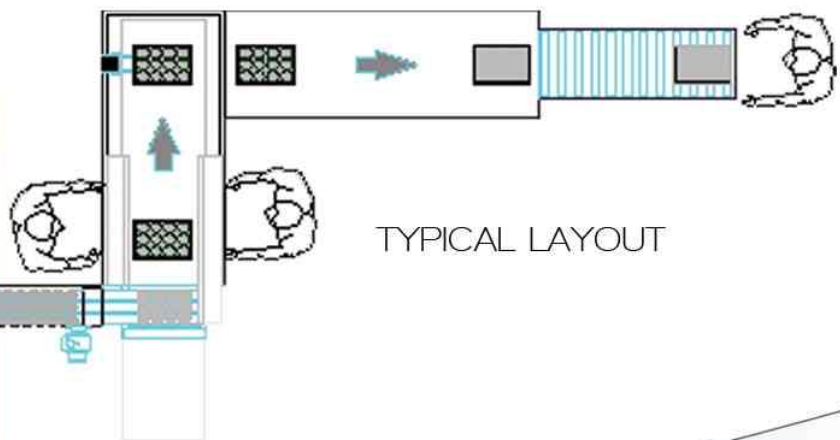


overview

The SCOTT - 60 COP Case Packer is a semi-automatic case packer that allows the operator to manually place an empty case over your product at rates of up to 15 cases / minute. This eliminates the need for product lifting and handling, and therefore reduces possible product damage and personal injury. It's the easy way to put your product in-a-box.

features

- Suitable for multiple products
- Compact, versatile, and flexible
- Simple tool-free adjustment for quick product change over
- Operator workspaces on both sides of machine
- Case sealing: hot-melt glue or tape
- PLC controlled
- Multi lane or single lane infeeds



SCOTT
Package Handling Systems

SCOTT



Pallet Handling Conveyors



SCOTT



overview

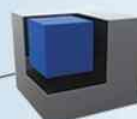
SCOTT Pallet Handling Systems are designed to minimize forklift movements in your factory. Flexible, modular design of Chain, Roller, 90° Transfer, Powered or Gravity Pallet Conveyors to suit your application. SCOTT complements conveyors with a range of Pallet Turntables, Pallet Inspection Stations, Stretch Wrappers, and Labellers.

features

- Customized for any pallet type, size, and load
- Adjustable feet
- Heavy-duty shaft-mounted drives
- Smooth, quiet, and efficient
- Clear access under for cleaning
- Modular Construction

- Chain Conveyors
 - Heavy duty 1" BS chain
 - Replaceable UHMWPE chain tracks
 - Removable aluminium treadplate top panels
 - Options for centre chain, VFD control and centre drive for reversible operation

- Roller Conveyors
 - Heavy duty chain-linked rollers
 - centre drive for reversible operation
 - Option for VFD control



SCOTT
Package Handling Systems



Pallet Shuttle Cars





overview

Scott Pallet Shuttle Cars transport pallets through automated processes and to the warehouse, minimizing forklift movements, optimizing performance, and reducing product damage.

Fast, smooth, quiet, accurate, reliable, Scott Pallet Shuttle Cars enhance any materials handling system.

features

- Fast, smooth, quiet, accurate, reliable
- Floor-mounted track - no need to cut concrete or renew floors
- In-ground track available where forklift travel across path is required
- Double-sided friction drive allows simple, robust shuttle guidance
- Floor-mounted or overhead power/coms supply, depending on the application
- VSD control with laser positioning
- RF or infra-red control systems available
- Laser safety sensing
- Supplied with roller or chain conveyor
- Single or multiple pallet handling
- On board empty pallet squaring



SCOTT-80



Slip Sheet
Dispenser



SCOTT-80



overview

The Scott-80 Slipsheet Dispenser automatically places a sheet onto an empty pallet prior to automatic palletizing.

features

- Compact design allows sheets to be dispensed into an associated pallet dispenser, saving process time and floor space
- Stand-alone modular design with telescopic placement mechanism
- Suitable for all types of sheet material: thin board, cardboard, paper, and plastic
- Pneumatic operation with vacuum cup pick up of leading edge of sheets
- Dispenses over 120 sheets per hour



SCOTT-90



Pallet Dispenser and Stacker



SCOTT-90



overview

The Scott-90 Pallet Dispenser automatically dispenses empty pallets onto the floor, or onto a conveyor prior to automatic palletizing.

features

- Compact design saves floor space
- 15-pallet magazine, 750Kg capacity
- Magazine 'Low' sensing
- Magazine can be loaded directly by forklift, or by an add-on empty stack conveyor
- Tool-free adjustment for different pallet sizes
- Electric lift; no hydraulics
- Can dispense over 120 pallets per hour
- Can also be used in reverse as an empty pallet stacker



SCOTT-120



High Capacity
Pallet Dispenser



SCOTT-120

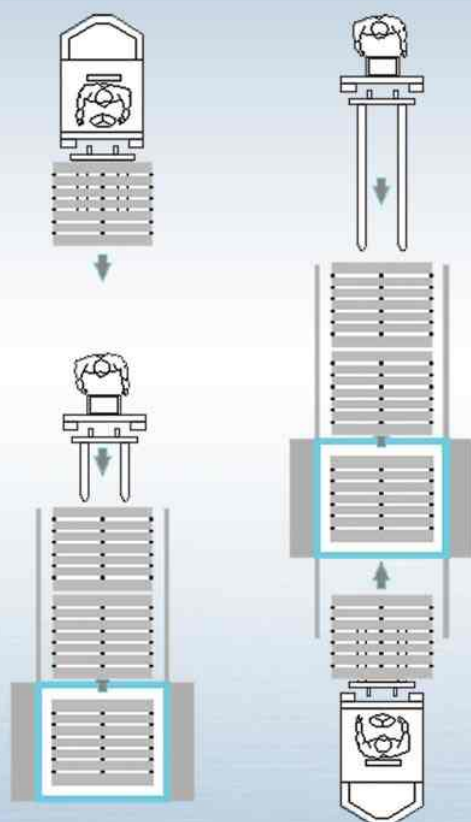


overview

Designed for your pallets, the SCOTT – 120 boasts a 40-pallet capacity and dispenses at a rate of 120 pallets per hour. It reduces forklift operations and totally eliminates manual handling of heavy pallets. Pallets can be dispensed 2 at a time for double pallet trolley situations.

features

- Pallet trolley can pick up one or two pallets without entering the dispensing zone
- Electric stack lifter and sweep arm, and pneumatic stack holding gate
- Heavy duty construction, compact and versatile
- Dispenses up to 120 pallets/hour
- Holds 40 Pallets per magazine
- Available to suit any pallet size
- PLC controlled
- Heavy duty gearboxes
- Dispenses on the floor or onto a conveyor
- Remote control of stack holding gate
- Front or rear loading
- Integral air compressor
- Full safety light curtain fencing



TYPICAL LAYOUTS



SCOTT
Package Handling Systems



Roller Conveyors



SCOTT



overview

Scott offers a full range of modular roller conveyors to suit any factory automation need.

features

- A full range of conveyors for the full range of applications
 - Band-driven (BDR) powered lineshaft roller conveyor for transport and low pressure accumulation of cases, trays, etc.
 - V-belt-driven (VBR) powered roller conveyor for spurs, bends, sortation, transport, and low pressure accumulation of cases, trays, etc.
 - Flat-belt-driven (FBR) powered roller conveyor for long straight modules, for transport and low pressure accumulation of cases, trays, etc.
 - Gravity roller conveyor for end-of-line accumulation and hinged access points
 - Skate wheel conveyor for end-of-line accumulation and hinged access points
- Powder-coated mild steel, galvanized, or stainless steel construction, depending on application
- Electro galvanized rollers or food-grade plastic
- Shaft-mounted drives
- Easily adjusted legs
- Pop-up transfers
- Blade stops
- Roller brakes



SCOTT



Belt Conveyors



SCOTT



overview

Scott offers a full range of modular belt conveyors to suit any factory automation need.

features

- Quiet, smooth, fast
- Any belt for any application: inclines, declines, metering, horizontal transportation
- Powder-coated mild steel, galvanized, or stainless steel construction, depending on requirement
- Extensive range of belts
- Shaft-mounted drives
- Easily adjusted legs





Zero Pressure Accumulation Conveyors



SCOTT

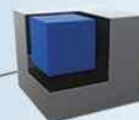


overview

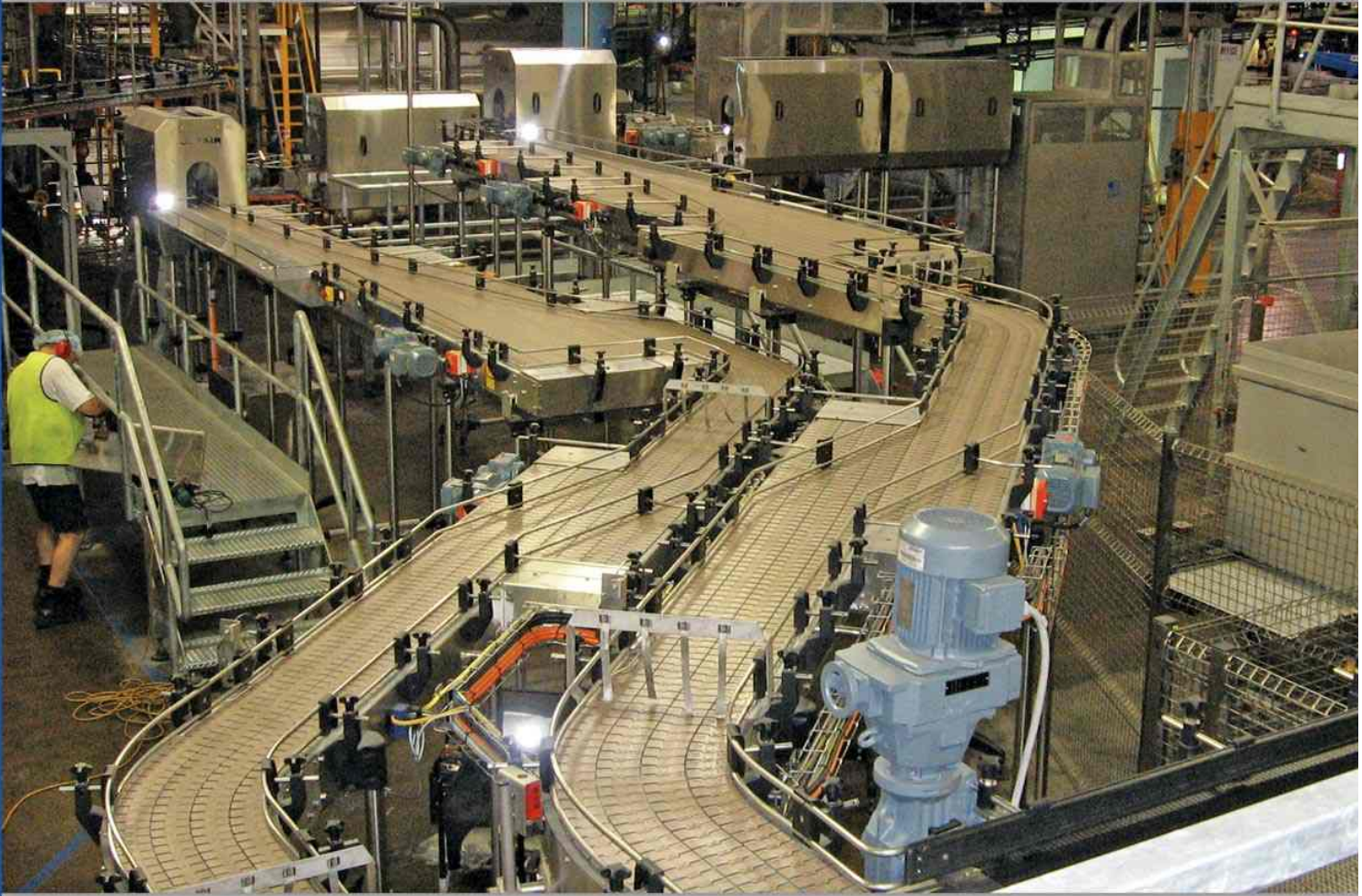
Scott offers true zero-pressure case accumulation with 24Vdc powered rollers, slave-banded roller modules, and cascading electronic sensing.

features

- True zero-pressure case accumulation
- Robust 24Vdc Ø50 ZP rollers with polyurethane band linked non-powered roller modules
- Cascading electronic sensing of downstream accumulation
- Clean, simple, easily expandable
- Powder-coated mild steel, galvanized, or stainless steel construction, depending on application
- Easily adjusted legs
- Power saving mode - only turns on the downstream zone as required - turns off when the zone is empty
- Zone lengths to suit application - 750mm standard



SCOTT



Mass Flow Conveyors



SCOTT



overview

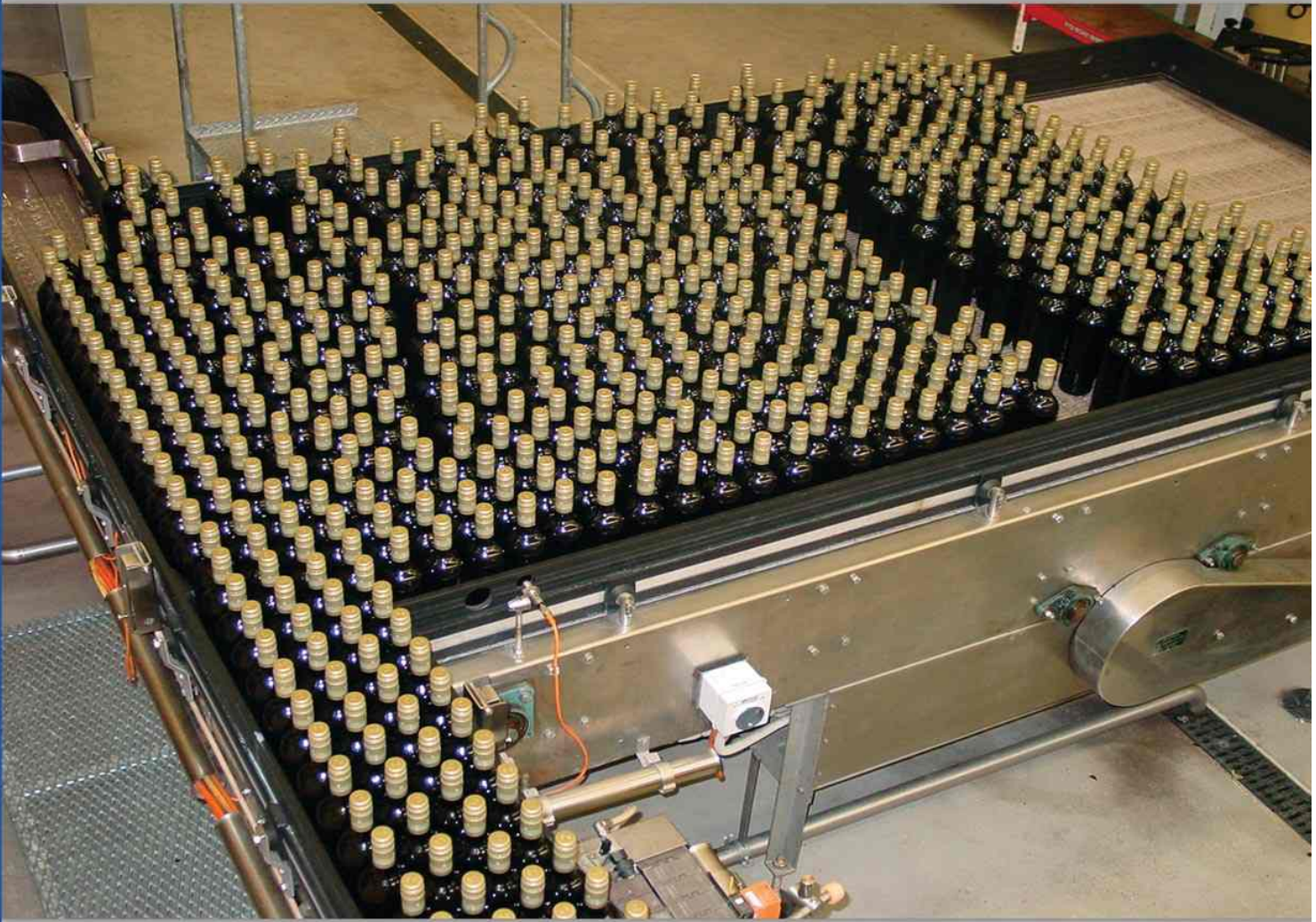
Scott offers the complete range of mass-flow mat-top and slat-chain conveyors for transporting all sorts of products, and also for transporting and accumulating cans, bottles, jars, and other packaged products.

features

- Stainless steel construction
- UHMPE wear strips
- Fully adjustable tool-free side-guides where required
- Can be designed to suit any standard mat-top or slat-chain make or model
- Conveyor covers and drip trays where required by the process or product
- Integrated cross-overs from conveyor to conveyor, with minimal or no deadplates
- Easily adjusted legs



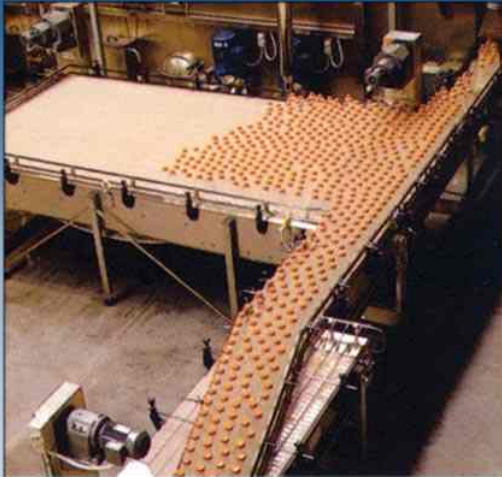
SCOTT



Accumulation Mat-Top Conveyors



SCOTT

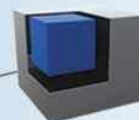


overview

Scott offers bi-directional accumulation mat-top tables for compact low-pressure automatic accumulation of cans, bottles, jars, and other packaged products.

features

- Electronic sensing when zero-pressure accumulation is required
- Electronic sensing when accumulation is full
- Stainless steel construction
- UHMPE wear strips
- Conveyor covers and drip trays where required by the process or product
- Integrated cross-over to / from main conveyor with minimal or no deadplates
- Easily adjusted legs
- Widths and lengths designed to suit requirements





Single Filer Conveyors



SCOTT

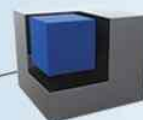


overview

Scott offers low pressure and zero-pressure single filers for cans, bottles, jars, and other round and irregular shaped packaged products.

features

- Low-pressure single filer suitable for round containers
 - Oscillating side-rail to reduce accumulation pressure
- Zero-pressure single filer suitable for unstable product and for square, rectangular, and other non-round containers
 - VSD control of all zero-pressure single filer conveyor motors
- Stainless steel construction
- UHMPE wear strips
- Conveyor covers and drip trays where required by the process or product
- Easily adjusted legs





Gripper Elevator / Lowerators



SCOTT



overview

Suitable for elevating, lowering, and rinsing of all types of bottles and cans.

features

- C, Z, and Loop styles
- Stainless steel construction
- Rexnord Gripper Chain with replaceable rubber inserts on stainless steel chain
- Nylotron guide tracks
- Full disc cornerways
- Automatic chain tensioning
- Quick product changeover



SCOTT-AS/RS



Rotating Fork Storage and Retrieval System (using your existing racking)



SCOTT-AS/RS



overview

The rotating fork Automatic Storage/Retrieval System, developed in USA, is manufactured locally by Scott Package Handling, allowing customised design for all applications.

The rotating fork AS/RS system is ideal for automation upgrades of existing warehouses as the existing standard pallet racking can be re-used, thus minimising cost.

features

- Uses conventional forks on rotating and traversing mechanisms rather than a shuttle platen, which requires special cantilevered racking
- Reduces forklift requirements by 50% or more, depending on layout and operation
- Every pallet location is stored accurately in the end-of-aisle controller, and can be checked and changed easily
- Stand-alone control, or interface to any warehouse management system
- Suitable for low temperature applications (down to -30°C)
- Laser positioning systems
- Infra-Red communications systems
- Bus Bar power supply
- End-of-travel shock absorbers
- Integrated product conveying and pallet handling systems



SCOTT-AS/RS



MUNCK Automatic Storage & Retrieval System



SCOTT-AS/RS



overview

Munck AS/RS systems are installed in numerous facilities worldwide, including many in operation in Australasia.

Ideal for high-bay warehouse automation, Munck AS/RS systems are locally manufactured by Scott Package Handling, allowing customised design for all applications.

features

- Reduces forklift requirements by 50% or more, depending on layout and operation
- Every pallet location is stored accurately in the end-of-aisle controller, and can be checked and changed easily
- Integrates with warehouse management systems, or can be stand-alone control
- Single bay or double-deep racking
- Suitable for low temperature applications (down to -30°C).
- Remote monitoring
- Laser positioning systems
- Infra-Red communication systems
- Bus Bar power supply
- End-of-travel shock absorbers
- Integrated product conveying and pallet handling systems



ANCILLIARY AUTOMATION EQUIPMENT

We manufacture, supply and integrate a large range of ancillary automation equipment

Products we manufacture:

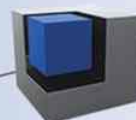
- SCOTT – Load stackers / Destackers
- SCOTT – Bin Tippers
- SCOTT – Spiral Elevators
- SCOTT – Rinsers
- SCOTT – Pallet Turntables
- SCOTT – Pallet Inspection

Products we supply and integrate

- Warmer / Cooler / Pasteurizers
- Stretch Wrappers
- Shrink Wrappers
- Case sorters and Lane Dividers
- Barcode readers
- Labellers
- Ink Jet Coders
- Metal Detectors
- Strappers
- AGVs
- Case Packers
- Case Closers
- Fillers
- Weighers



www.scottphs.com



SCOTT
Package Handling Systems

"Your ideas ... our world!
Welcome to our team, the team that will take your concept to completion."

Paul Denton
Managing Director



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