



LOGISTICS SOLUTIONS

acme 

Established in Dubai in 1977 as a general trading company, ACME Group was a pioneer in providing warehousing and storage solutions as well as construction materials to the fast developing United Arab Emirates. Over the years ACME has specialised in growing as one of the leading distributors of innovative warehouse storage solutions, industrial automation, fluid sealing products and material handling equipment, with extensive knowledge and experience in providing solutions to the Middle East and Asian market. ACME is an organisation based in Middle East, with offices spread in Dubai, Abu Dhabi (UAE) and Chennai (India).

Our core competency includes a wide range of automation techniques and services reinforced with years of unique experience spanning numerous industries. So whether it is supply chain consultancy, delivering warehouse automation solutions or serving your industrial automation needs, expect nothing less than the best from us and our market leading international partners.

WHY ACME?



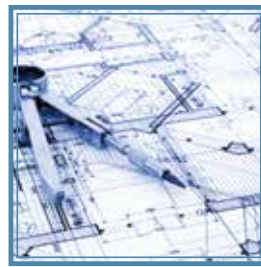
Custom Solutions

The expertise garnered over 39 years in the business allows us to provide custom solutions to your automation needs. With a wide range of components and solutions, we assure you of the right product or solution to meet your needs.



Operations

ACME technicians optimise the performance capability of your system. Our innovative solutions ensure a high degree of equipment availability.



Training

Our technical team imparts knowledge – carefully tailored to the needs of your organisation .



Fabrication & Installation

Our installation crew are directly employed by ACME (no subcontractors) and are fully trained and ensure on time efficient installation with minimum disruption to your on going business.



Industrial Automation



Oilfield & Marine



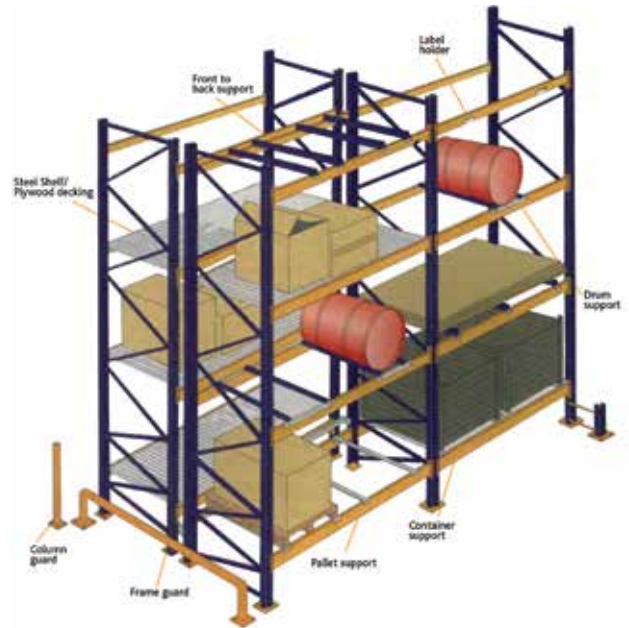
Logistics Solutions



Logistics & Automation Consultancy

PALLET RACKING

Teknostore's Standard pallet racking is by far the most versatile of any racking as it is available in many configurations with a wide variety of accessories and requires no specialised handling equipment. Pallet racking can be easily utilised using standard forklifts and battery/manual stackers. Pallet racking is an ideal starting point for all your warehousing and storage needs. Capacities can range between 1000 - 3000 kgs/level.



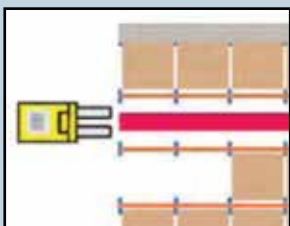
DRIVE-IN RACKING

Drive-In & Drive-Through Racks offer the ability to store a large amount of similar loads in a smaller area. Selectivity is sacrificed, but storage density is outstanding. Drive In Racking can store up to 75% more pallets in the same space than selective racking - depending on your application. It requires fewer aisles and is better cubic storage. Drive-In Racks allow a lift truck to enter the rack from one side to pick up or pull out pallets. This is done because pallets can slide backwards on a continuous rail. Forklifts drive into the rack to access pallets two or more deep. You are limited in the depth of storage for a particular bay by the size of your facility. Drive-In racks are typically subject to more abuse than selective racks due to the way they are utilised , so rack integrity and strength are important factors. It is ideal rack for cooler or freezer applications.

Drive-In Rack is used to store many pallets of a similar SKU or product. Lift trucks drive into the rack to extract the first pallet they come to. This is “Last-In, First-Out” storage.

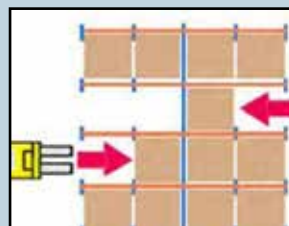


Single Entry Drive In Rack



Single Entry Racks -lift trucks can enter the rack from only one side.

Double Entry Drive In Rack



Double Entry Racks – lift trucks can enter from both sides of a row of racks. The center of the rack row is stabilized by a beam.

PALLET MOLE SYSTEM

PalletMole® provides warehouses high density storage while providing maximum selectivity. The system has consistently provided clients unparalleled storage space utilisation for an investment that is comparable to traditional racking systems. Working seamlessly in conjunction with your existing forklift/reach truck fleet, PalletMole® can provide unlimited flexibility in maximising your warehouse storage space at the same time doing away with the typical constraints faced by Drive in Racking with respect to lane depth and SKU limitations.

The PalletMole® System can be used both in FIFO as well as LIFO environments and is highly suitable for cold store applications where a limited footprint and high selectivity is of utmost concern.



HIGH DENSITY VERY NARROW AISLE

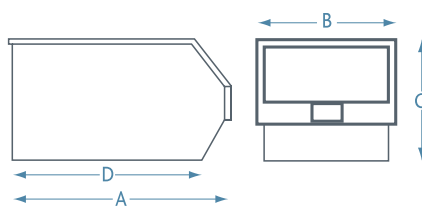
Very Narrow Aisle racking commonly referred to as VNA is an effective method of increasing pallet storage within a given area with the advantages of selective racking. This system requires a special fork lift which reduces the aisle space by a minimum of 40% compared to traditional fork lifts. This system still provides 100% product selectivity and utilises the vertical space for pallet storage.



SMALL PARTS STORAGE

A simple and effective small parts storage system for a wide range of materials. Space saving, constructed from polypropylene, can be stacked or, for increased flexibility, used with Teknostore Louvered Panels, Cabinets and Shelving. The largest range, available in 7 sizes and 4 colours.

- Injection moulded with anti-static additive and non-fade ultra violet stabiliser
- Strong, heavy duty with reinforced base, sides and stacking rim
- Durable, resistant to most industrial solvents and can withstand high temperatures
- Hygienic, clean, smooth inside faces guard against build up of grease, etc
- Non-toxic, suitable for use with foodstuffs
- Clear access design eliminates the use of a tie bar giving easy access



| Size mm/in | TK1 | TK2 | TK3 | TK4 | TK5 | TK6 | TK7 |
|-----------------------------|---------|---------|---------|---------|----------|-----------|-----------|
| Overall Length A | 90/3.5 | 165/6.5 | 240/9.5 | 350/14 | 350/14 | 375/15 | 510/20 |
| Overall Width B | 100/4 | 100/4 | 150/6 | 200/8 | 200/8 | 420/16.5 | 315/12.5 |
| Overall Height C | 50/2 | 75/3 | 130/5 | 130/5 | 175/7 | 175/7 | 200/8 |
| Overall Base Length D | 64/2.5 | 143/5.5 | 200/8 | 300/12 | 300/12 | 310/12.25 | 450/18.75 |
| Volume cu/dm | 0.46/28 | 1.27/78 | 4.6/285 | 9.1/560 | 12.8/784 | 28.3/1732 | 31.4/1920 |
| Louvre Value | 2 | 3 | 6 | 9 | 12 | 24 | 16 |
| No of containers per carton | 20 | 20 | 10 | 10 | 10 | 5 | 5 |

CARTON FLOW RACKING

Teknostore Carton Flow Racking or Shelving is used for high inventory turnover items which are usually stored in uniform size containers. The containers are loaded into the back of the racking from the replenishment aisle and flow towards the discharge end of the lane via gravity as the product is being removed. First In First Out, stock rotation is thus guaranteed. Various types of rollers or wheel tracks are incorporated to flow the container based on the flow characteristics of that tote.



CANTILEVER RACKING

Teknostore cantilever storage racks are useful for storing long objects as cantilever racks present no vertical obstructions. Cantilever Rack is the ideal system for storing furniture, steel bars, pipe and tubing, lumber and other long, heavy items that must be kept off the floor. It provides instant accessibility to one piece or a full load. Forklift access is easy. Being modular in nature, additional arms, uprights and braces may be added as storage requirements change.



BOLTLESS SHELVING

Boltless shelving consists of slotted angles, panel brackets and panels. Typical load capacity for boltless shelving ranges between 150-400 kgs/level. It is easily assembled and disassembled and its levels can easily be adjusted by a 50mm step. Used extensively in auto parts & pharmaceutical stores



LONG SPAN RACKING

Similar to pallet racking in construction, these shelving units have a lower load capacity per level. It is ideal for use for awkward and bulky loads and suitable for order picking and bulk storage. A comprehensive range of frames and beams accommodates a wide range of loading capacity requirements ranging from 500 – 1000 kgs/level.



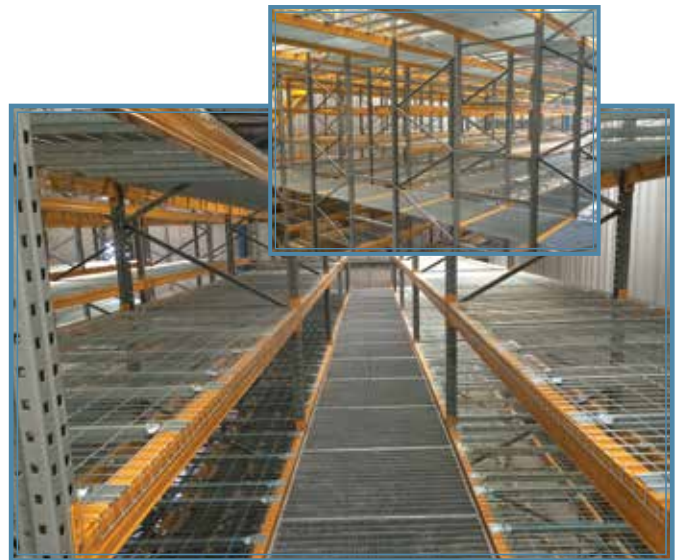
SLOTTED ANGLE SHELVING

Teknostore slotted angle allow you to design and build almost anything to your own specifications, such as shelving, work-benches and tables. Teknostore slotted angle and shelves is one of the most versatile and economical products you can use in addressing your storage, workshop and other needs. With slotted angle and shelves, you never need to worry about equipment obsolescence. Slotted angle system is a basic storage method that affords a good deal of flexibility. As your needs change, your slotted angle shelving system will be able to adjust to new layouts with ease. Load capacity: 100-200 kgs/level.



MULTI-TIER RACKING

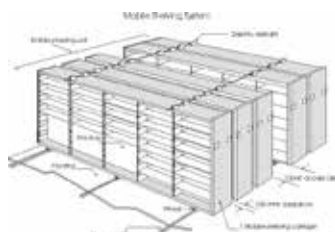
Multi tier racking can be assembled to store both bulky and heavy components as well as light spare parts and components. This can be constructed using both light duty as well as heavy duty pallet racking components with open steel plank treads incorporated into the structure to act as pedestrian walkways. This maximises all available head room and is ideal for storing a wide variety of packaged goods for hand picking. It is an ideal solution for maximising the utilisation of the warehouse's height and space.



MOBILE SHELVING SYSTEM (M3S)

Teknostore's Mobile Shelving Storage Systems (M3S) can reclaim valuable floor space by storing existing media in up to half of the current floor space. M3S save you space by reducing the amount of actual floor space your storage takes up. M3Systems remove all of the aisles except the one in use and compact the shelving. The shelving sits on a carriage which sits on a track that is installed in the floor of your office space.

Teknostore M3S come in four different forms: Electric, Mechanical Assist, Manual and Lateral Mobile. With the push of a button, turn of a handle or slide of a unit, you can easily access your stored files and/or supplies. Our user-friendly controls offer safe and dependable performance. Teknostore's M3S are more aesthetic, more versatile and safer than ever and are a very smart way to save space, increase storage capacity, defer relocations, save money, and improve office productivity and security.



ACCESSORIES

A wide range of accessories to complete your storage requirement is held ready stock at our warehouse.

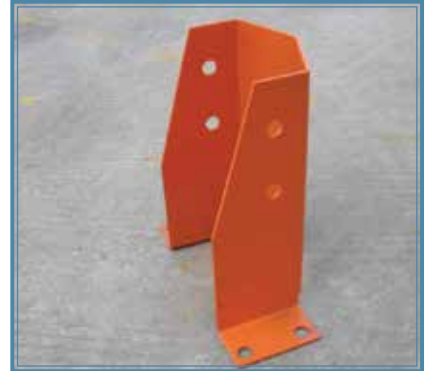
PALLETS



WELDED MESH



UPRIGHT PROTECTORS



CABINETS



OPEN STEEL PLANK GRATING



PALLET SUPPORTS



PICKING LADDERS



LOCKERS



DECKING PANEL



OSR SHUTTLE

The OSR Shuttle™ is a high-performance and reliable semi-automatic picking and storage system that form the heart of a modern warehouse with its tremendous versatility.

KNAPP is the inventor of shuttle technology and has been setting new standards in warehouse logistics with the OSR Shuttle™ for more than 10 years!

OSR Shuttle advantages:

- Efficient Picking
- Error-Free Picking
- Accurate Sequencing
- Reliable Flow Rack Replenishment



Space-efficient and scalable

Through the scalable, space-saving rack system, the costs of acquisition can be optimally tailored to any requirements – in addition, the OSR Shuttle™ can be expanded easily in the future

YLOG SHUTTLE SYSTEM

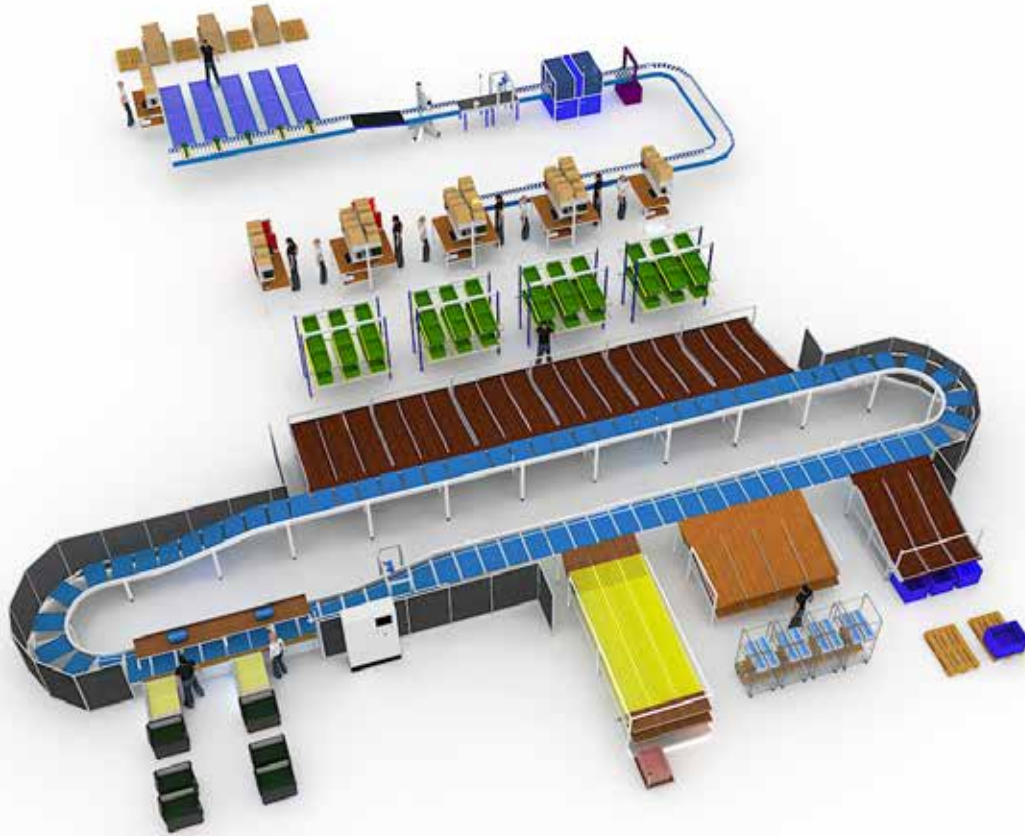
The Ylog Shuttle is designed to store, buffer, and sequence products between bulk stock and functions like picking and order assembly. The system can dramatically increase speed, accuracy, and throughput in warehouses, factories, or distribution centers.

YLOG-shuttle advantages:

- 360° rotation
- crosswise and lengthwise movements
- each single YLOG-shuttle can reach every storage position
- transport between rack levels by shuttle-lifts
- new types of rack systems possible



SORTATION SYSTEM



Sortation systems offer a highly accurate and efficient means of sorting, routing, consolidating, and diverting a wide range of parcel types to unique destinations for the purposes of order selection, processing, packaging, palletising, storing, and shipping.

Applications:

- E-Commerce
- Garments
- Mixed & Rest-mail Sortation
- Pharmaceutical Products
- Library

Increasing labor costs and supply chain pressures for faster, more accurate and responsive operations, automated sortation systems are finding their way into more and more supply chains, delivering productivity, throughput capacity, accuracy, and accountability for businesses, and a cost-effective and efficient flow of goods to consumers.

Optimus Sorter Advantages:

- Easy Installation
- Low maintenance cost
- Error Free Picking
- High Efficiency



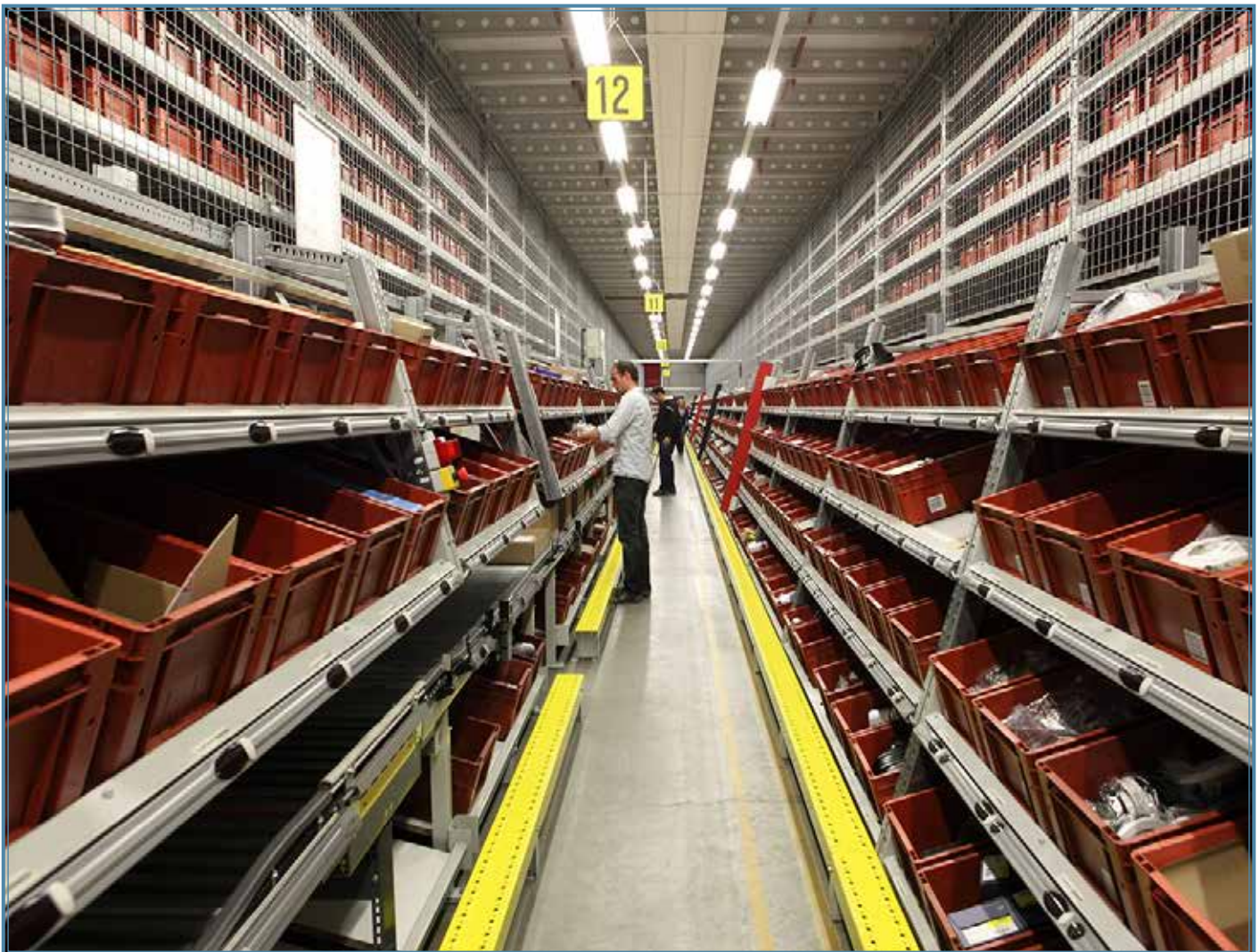
PICK TO LIGHT & PUT TO LIGHT

Pick-to-Light is a precise, economical solution for paperless, display-guided picking. System provides dramatic improvements in warehouse productivity and picking accuracy.

Benefits

- Faster order fulfillment
- Improved order accuracy
- Increased labor productivity
- Picker accountability for every pick
- Increased picker productivity
- Simple and easy operational training
- Real-time sorting of orders and directed replenishment
- Quick staff ramp-up to handle seasonal peaks

The dynamic zone mode allows Pick-to-Light to flexibly adapt to order volumes: Depending on necessity, picking can be carried out in small and large zones, and operation in multi-person mode is also possible. The system is easily maintained: the snap-in illuminated displays are easily replaced and configured in little time. Structural modifications, such as a change in slot position, can be carried out easily without trouble. Pick-to-Light guarantees a seamless flow of data – all activities are immediately re-transmitted to WMS/WCS or to another higher level HOST system.



VACUUM ASSISTED MATERIAL HANDLING

Schmalz's vacuum lifters persuade by their functionality, safety and ergonomics, for example during loading and unloading of machines. With vacuum lifters, production processes are streamlined and processing times shortened; at the same time staff members' motivation and productivity are increased.

Functionality

The load is gripped and lifted by a single medium, namely vacuum.

Safety

The design complies with the German accident-prevention regulations (BGR/BGV 500).

Ergonomics

Compliance with the latest ergonomic considerations ensures that the use of the Jumbo does not endanger the health of the user.



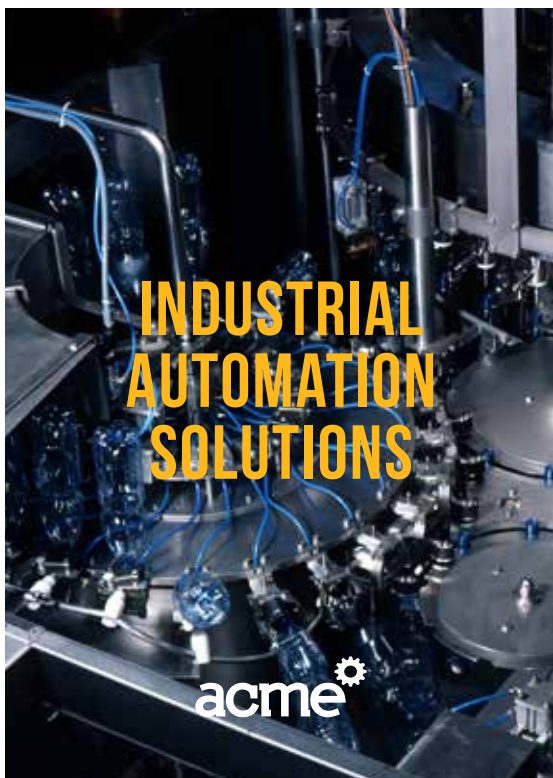
AUTOMATED PALLETISATION

We can ensure smoother, safer project implementation with our palletising solutions. Robots programming flexibility and gripper interchanges assure you a robust solution. No matter your application, we have robots that can palletise just about anything you can throw at it.

We shall assist you for automated palletisation of the following:

- Cases
- Bags
- Shrink bundles
- Pails
- Totes
- Drums
- And more!





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