

ABOUT US

ALE International LLC

Since 2002, ALE International LLC has been delivering reliable logistics technology solutions across the Middle East, supporting warehouse, courier, and e-commerce operations with advanced data capture and automation systems.

We specialize in providing Dimensioning, Weighing and Scanning solutions that help organizations improve operational efficiency, optimize storage utilization, and increase shipment accuracy across the supply chain.

Our solutions are designed for modern logistics environments where accurate package data is essential for faster processing and better decision-making.

Applications

- Logistics & Distribution Centres
- Courier & Parcel Hubs
- E-commerce Fulfilment Centres
- Supply Chain Operations
- Warehouse Storage Optimization

“Transforming Physical Freight into Digital Assets”

SINCE
2002



ALE INTERNATIONAL LLC
Jebel Ali Industrial Area Warehouse



ALE INTERNATIONAL LLC
DIP Warehouse

WORLDWIDE INSTALLATIONS



Head Office & Logistics Centre
Jebel Ali Free Zone (North)
Dubai, UAE.



Team ATCO



ATCOPACK Stall
Gulfood Manufacturing
Dubai, UAE.

ACCURATE DATA = SMART LOGISTICS

Every package moving through warehouses, distribution centres, courier hubs & e-commerce fulfilment operations carries valuable data.

Without accurate dimension and weight information, storage planning becomes inefficient, shipping costs increase, and automation performance is reduced.

Capturing reliable cube data at the right stage of operations improves space utilization, reduces manual errors, and increases processing speed across the supply chain.

Modern Dimensioning, Weighing & Scanning systems provide fast and accurate measurement of cartons, parcels, and pallets supporting smarter logistics decisions from receiving to dispatch.

Our solutions support both static measurement workstations and high-speed in-motion conveyor environments, enabling seamless integration with warehouse and logistics software platforms.

With proven deployments across warehouse, courier, and fulfilment applications, DWS systems help organizations improve operational visibility and maintain accurate shipment data throughout the logistics workflow.

The quality of your data matters. Even a half-inch error along a single axis can result in as much as 3% higher transportation costs and 10% more corrugated usage. Get the accurate data you need to fuel warehouse automation with our dimensioning and weighing system.

WHY DIMENSION DATA MATTERS

- Improve warehouse space utilization
- Reduce carrier chargebacks and billing corrections
- Increase processing speed and throughput
- Eliminate manual measurement errors
- Support automation and sortation accuracy
- Improve shipment verification reliability
- Enable better carton selection decisions
- Strengthen inventory master data quality

Delivering accurate dimension data for smarter logistics operations

OUR CORE LOGISTICS SOLUTIONS INCLUDE

- Dimensioning, Weighing & Scanning Systems
- Conveyor & Sortation Systems
- Warehouse Automation Solutions
- Material Handling Equipment
- Storage & Racking Systems

THE CUBISCAN 100

Carton Master Data to Feed Your WMS

Collect carton, case, and inner pack master data to better store, package and ship your product.

[Measurement capacity: 60L x 60W x 90H (cm) and 50 kg]

Accurate & Repeatable

0.1". That's the measurement increment of the Cubiscan 100. No 3D imaging dimensioner can get that accurate. Accuracy matters when you're after reliable master data.

Bullet Proof

The first Cubiscan 100 was introduced in 1987, and several of these package dimensioners still see daily use after 25+ years. They can take a beating and still provide the data you need.

Certifications

The Cubiscan 100 is certified throughout the world. LFT (legal for trade), NTEP (United States), MC (Canada), OIML/MID (Europe), and NSC (Australia).

0.2 cm **1-2 Sec.**

Increment Accuracy Measurement Speed



THE CUBISCAN 150

Large Case Dimensions & Weight for Your WMS

Collect carton, case, and master pack SKU data to better store, package and ship your product.

[Measurement capacity: 120L x 100W x 100H (cm) and 70 kg]

Accurate & Repeatable

0.2 cm measurement increment on packages from 8 - 120 cm length. No 3D camera dimensioner can get that accurate. Accuracy matters when you're relying on master data to guide and improve downstream operations.

Large Measurement & Weight Capacity

Most parcel dimensioners max out around 90 cm in length and 45 kg, but not this one. It's built to measure big and bulky cases just as accurately as tiny, petite ones. We're firm believers that the size of your case shouldn't limit the accuracy of your data.

Built Like a Tank

The Cubiscan 150 is built with industrial-grade materials. That matters when you're operating in rough warehouse environments. This thing can take a beating and still provide the actionable data you need.

0.2 cm **1-2 Sec.**

Increment Accuracy Measurement Speed



THE CUBISCAN 325

Reliable Master Data in Seconds

Get unmatched measurement accuracy on apparel, parts, eatches, and odd-shaped SKUs

[Measurement capacity: 90L x 60W x 60H (cm) and 25 kg]

Accurate & Repeatable

The Cubiscan 325 is the only dimensioning system available with a 1mm measurement increment. Ultrasonic and 3D camera technology can't provide that level of accuracy. The more accurate your data, the more useful your WMS, ASRS, and other downstream technologies will be.

Dimension Apparel & Soft Goods

Shape-shifting items (textiles & soft goods) are tough to measure, even on a dimensioner. The Cubiscan 325 has "filter" and "compression" modes to make measuring apparel more accurate. Filter out polybags and get compressed apparel heights to calculate accurate article counts for packing and order fulfillment.

Product Cataloging (Optional)

Take product photos of every item you measure. Store those photos with the product ID, dimensions, and weight. Product photos help pickers verify the items they pick, improving order accuracy and speeding up order fulfillment.

1 Millimeter **450 Scans**

Measurement Increment Per 8-Hour Shift



APACHE Portal First Choice

Compact. Mobile. Economical.

The affordable entry into the world of Apache freight measurement

- Reduced to the bare essentials – volume and weight detection of cargo as well as documentation with a camera.
- Installation – Connection – Measuring and if applicable weighing.
- 2 laser scanners on a motorized measuring beam detect the object.
- The small form factor of the system allows a cheap measurement of common cargo the object is placed within the measuring zone and the measurement is started by a barcode scan or manually.
- Transfer of the data to the customer data base – length, width, height, photo and weight are automatically transferred to your system through defined interfaces.
- The entire measurement data is legally relevant due to the conformity assessment of the measurement system and can therefore be used for billing purposes.
- The detection of freight that has been under-declared leads to a quick amortisation of the investment.

L - 2 cm, W - 2cm, H - 1cm

Measurement Increment

The CUBISCAN S9

The Integrated Pallet Dimensioner for LTL Shippers

Stretch wrap, dimension, weigh, and photograph your LTL freight to eliminate carrier reclass fees & win freight disputes

[Measurement capacity: 150L x 150W x 250H (cm)]

One Stop Shop

Stretch wrap, dimension, weigh, and photograph your LTL shipments all in one simple step. Send that data to Qbit Cloud and it'll classify your freight for you.

Accuracy and Measurement Capacity

The Cubiscan S9 uses the same LiDar measurement sensor as the Cubiscan 1200 (the dimensioner carriers trust to inspect your freight). It's the most accurate sensor on the market. It also allows the Cubiscan S9 to dimension pallets 8'L x 8'W x 8'H while they spin at 16rpm. No other dimensioner has that level of accuracy, on that large of freight, spinning at those speeds.

Integrates With Your Stretchwrapper

If you're already wrapping pallets, you don't have to worry about the Cubiscan S9 adding additional steps to your process. It mounts next to your wrapper and the freight dimensions are collected once the wrapper gets up to full speed. Your associates won't need to change their workflow at all.

2 cm

Measurement Increment

4 Pictures

Captured Per Measurement

The CUBISCAN N9

Pallet Dimensioner

Dimension and Photograph LTL shipments to eliminate reclasses

Simple ceiling mounting

Quick and space-saving installation thanks to simple mounting on the ceiling - ideal for automated measuring systems in intralogistics. No additional space is required in the conveyor area.

Software-supported calibration

Completely mechanics-free: calibration is performed digitally via an intelligent user interface - ideal for automated freight measurement and precise master data acquisition without the need for adjustment.

Modern LiDAR sensor technology

Reliable 3D measurement thanks to advanced LiDAR measurement technology - even on challenging surfaces such as black stretch film, damp cardboard or irregular contours. Supports precise contour detection and object measurement.

100% compatible with CubiScan and APACHE systems

Full system integration into existing CubiScan, APACHE or other intelligent measuring systems - for end-to-end logistics automation and seamless use of existing logistics data.

Standardized API

Interface-compliant thanks to open, standardized API - for easy connection to WMS, ERP or other IT systems. Enables fully networked automation.

SMART QBING

DIGI SMART QBING SQ Series

HI-SPEED, IN-LINE DIMENSIONS FOR CARTONS & E-COMMERCE ITEMS



Automate end-of-line shipping/manifest and eliminate carrier corrections with in-motion dimensional weight capture

- Accurate master data capture
- Measure cartons, inner packs & eaches with one system
- Reliable data for putaway, pick & pack, and fulfillment
- Quick, reliable dimensions on hard to measure SKUs
- Multi-scale weighing for higher throughput
- Infrared sensing for precise dimension capture
- Graphical, 3D representation of the item being measured
- First in the industry to measure items as thin as 5 mm in-motion

0.5 cm 120 m/min

Dimensional Increment Machine Belt Speed

Small and Thin cartons

(150mm length; 100mm width; 5mm high) measurable.

- A first for the logistics industry! Measuring packages with 5 mm thickness! SMART QBING has a high-precision infrared transmission sensor built into its gate sensor, allowing three-dimensional measurements with 5 mm pitch. By adding our Thin Item Detection option, the system can automatically dimension items of as little as 5 mm thick.


Multi-scale Technology

Multi-scale technology allows more than one package to be on the scale at a time. That means smaller gaps between parcels and increased speed of fulfillment.


Optional Barcode scanning function

- Barcode scanning function can be included: Measuring, weighing and scanning are done at once on the conveyor and the results are sent to the PC or PLC for easy control and maintenance.


Barcode Scanner (Examples)



DATALOGIC DX8210



COGNEX DataMan



Handy Scanner also available

- Three types of scanners: Laser, Camera, Handy scanners are available as options.



DIGI Technical data	SQ-2202	SQ-3302	SQ-4302
Conveyor width	600mm	900mm	1220mm
Minimum package size(mm)	150(L)× 100(W)× 30(H) (*) When using thin item detection option, it becomes 5mm (H).		
Maximum package size(mm)	1530(L)×600(W)×600(H)	1530(L)×900(W)×900(H)	1530(L)×1220(W)×900(H)
Weighing range	200g~50kg	200g~50kg	200g~50kg

- Dimensional increment: 0.5 cm
- Weight increment: 0.05 kg

- Conveyor Speed: 30-120m/Min (Variable)
- Minimum interval between objects: 70.0 cm

SORTING SOLUTIONS

Engineered to optimize material flow, enhance sorting accuracy and increase operational efficiency



Linear Arm Sorter

A space-efficient sorting system that uses fast, controlled arm movements to divert items accurately. Ideal for medium-speed applications with diverse parcel sizes.



Steerable Wheel Sorter

An agile sortation system using bi-directional wheels to gently and accurately divert items at high speed. Perfect for handling varied parcel sizes in dynamic e-commerce and logistics environments.



Carriage Based Sorters

A scalable, modular, and flexible solution designed to profile, dimension, weigh, and sort a wide variety of parcels with high speed and precision



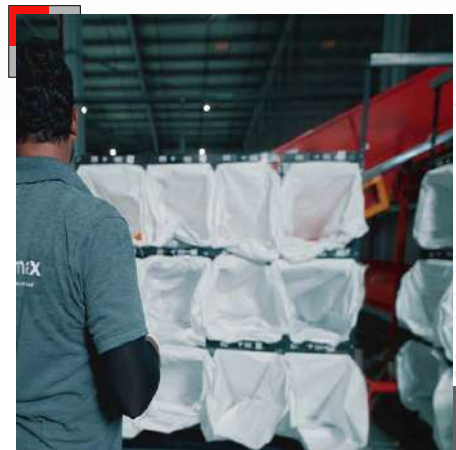
Grid Based Sorting System

A highly modular and scalable solution that enables horizontal and vertical sorting.



Cross Belt Sorter

The Cross Belt Sorter is a high-performance automated sorting system designed for fast, accurate, and gentle handling of parcels, cartons, and polybags. It uses individual belt carriers mounted on a continuous loop track, enabling precise discharge of items to multiple destinations.



Put to Light Systems

A light-guided system for fast, accurate secondary sorting, improving order accuracy, reducing errors and boosting throughput put in high-volume operations.

