

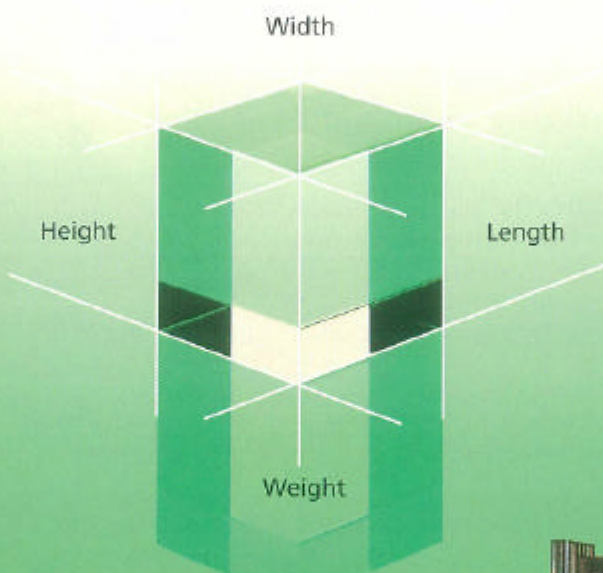
IN-MOTION CUBING AND WEIGHING SYSTEM

# MEASURE BOY

REALIZES INSTANT  
MEASUREMENT OF CUBE  
AND WEIGHT.

— MB-900 Series —

**INSTANT SIMPLE ACCURATE**



**A COMPLETE SOLUTION FOR  
COMPLICATED DAILY  
CARGO MEASUREMENTS.**

Just put a cargo on the conveyor!  
The MEASUREBOY measures cube  
and weight in a second.

Simple operation greatly saves your time.  
Various output applications for  
remote display, printer, data processor, etc,  
ensure automation and systemization  
of logistics measurement.



**SHINKO**

# MEASURE BOY

Now you can throw away your outdated tape measure and scales.

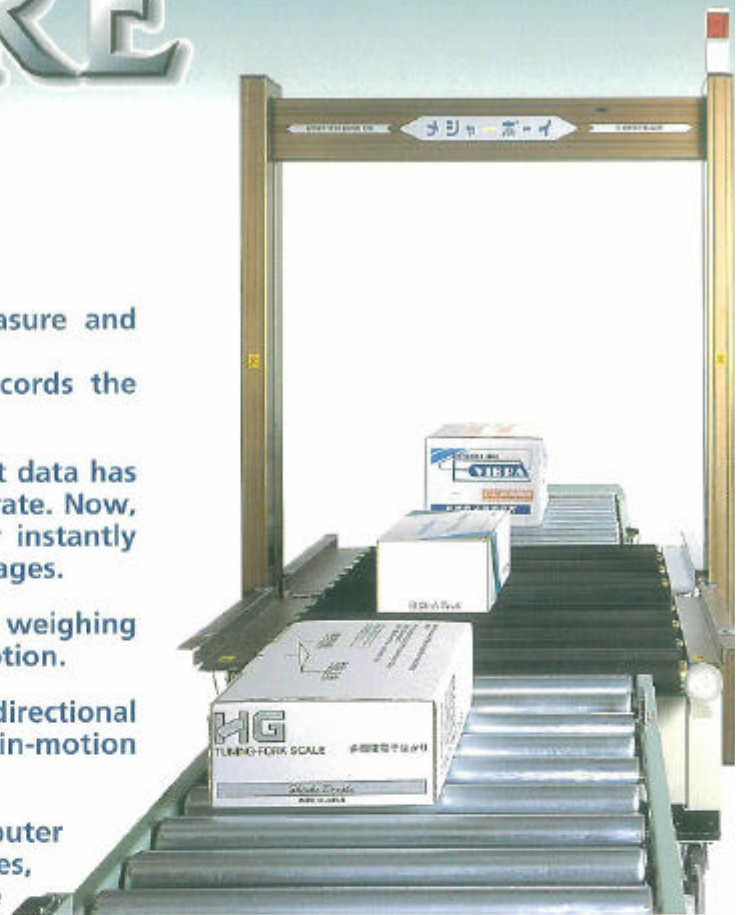
The MEASURE BOY instantly and accurately records the cube and weight of cargoes/ packages.

In the past, accumulating dimensional and weight data has been labor intensive, time consuming and inaccurate. Now, SHINKO has developed an ingenious system for instantly and accurately cubing and weighing cargoes/packages.

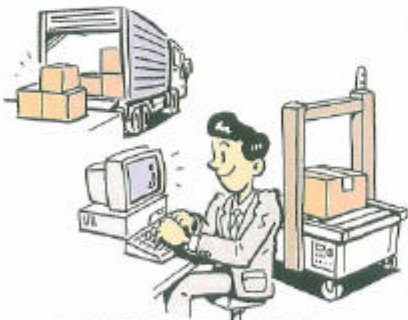
The MEASURE BOY is a conveyerized cubing and weighing system which allows freight to be measured in-motion.

At the flip of a switch it will function as a one-directional (thru only) or bi-directional (send and return) in-motion cubing and weighing system.

Collected data is passed directly to your computer system so that dimensional data, shipping charges, and load planning information can be immediately processed and used.



The MEASURE BOY is where you need it.



FREIGHT CALCULATION,  
DESPATCH PLAN, ETC...



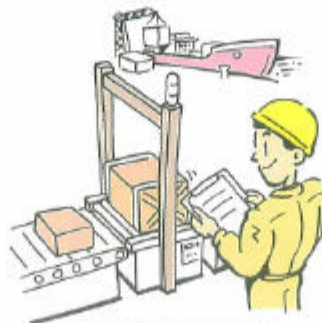
DATA PROCESSING FOR  
CLASSIFIED ITEMS...



SIZE-DATA COLLECTION  
WITH HIGH SPEED SORTER...



FOR AIRFREIGHT  
DOCUMENTATION...



FOR OCEANFREIGHT  
DOCUMENTATION...



FOR STORAGE  
CALCULATION...

## FEATURES

- **NON-STOP MEASUREMENT WITH HIGH SPEED CONVEYOR;** Variations from 20m/min. to 100m/min.
- **ACCURATE MEASUREMENT OF DIMENSIONS & WEIGHT** within 0.5cm and 0.1kg error respectively.
- **SIMPLE OPERATION** with self-test and failsafe modes.
- **MAINTENANCE FREE** with durable sensors protected by dust/water resistant.
- **COMPACT DESIGN** and sophisticated rubber-roller conveyor.

## APPLICATIONS/BENEFITS

### Functionality

- Dimensions freight instantly and accurately.
- Measures and weighs in motion.
- Measures freight in any orientation.
- One-way(thru only) or bi-directional(send and return) operation.
- May be configured for in-line or stand-alone operation.
- High speed, variable speed control, high accuracy configurations available.

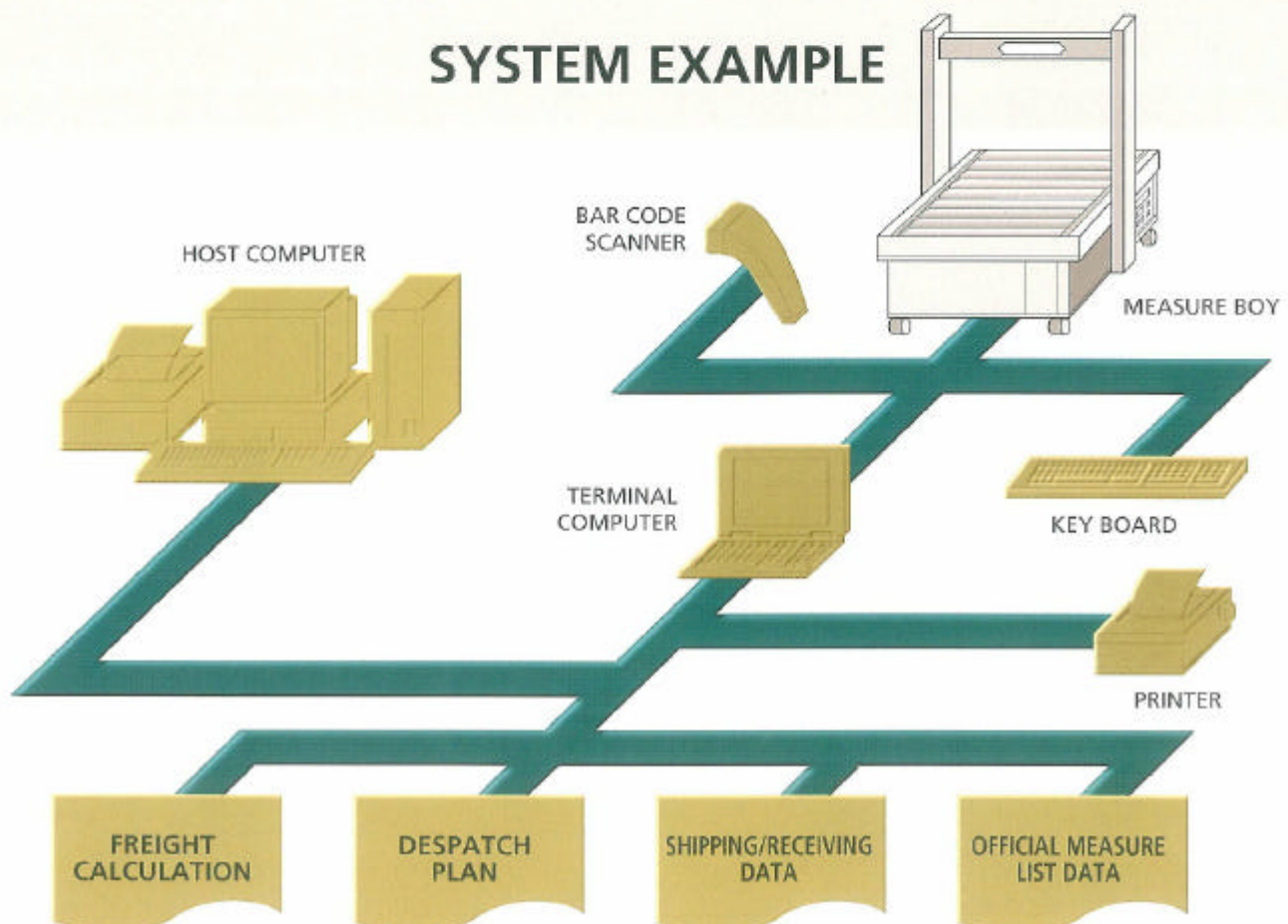
### Freight Handling Operations

- Gives immediate computation of dimensional weight for shipping charges.
- Facilitates load, weight and balance planning.
- Does not damage package or package contents.

### Warehousing/Distribution Center Operations

- Provides data for storage location selection, pick and order packing, and shipment planning .
- Eliminates manual data entry and protects data integrity.
- Provides data for determining shelving space allocations on a product-by-product basis.

## SYSTEM EXAMPLE



●At an air-forwarder



●Vanning plan for shipping containers



●At a publishing company



## MB-900 Series SPECIFICATIONS

	MB-900A (Stand-Alone)	MB-900B (In-Line Conveying)	MB-900H (In-Line Conveying)
<b>System Dimensions:</b>			
Height	171cm	171cm(adjustable)	
Width	110cm		
Length	122cm		
Weight	260kg		
Conveyor Height	52.5cm	52.5cm(adjustable)	
<b>Performance Specifications:</b>			
Conveyor Speed(s)/(min.)	21m	21m(50m;option)	To be selected 35m-100m
Variable Speed Control(optional)	N/A	+/-20%	
Measuring range (*Legal-for -trade use)	Height	3.0cm(6.0cm*) to 91.0cm	
	Width	5.0cm(6.0cm*) to 91.0cm	
	Length	20.0cm to 122.0cm	
Weighing range	1kg to 50kg(110kg;option)		N/A
Min.Graduation	length	0.5cm	
	weight	0.1kg	
Required cargo interval	Manual feed only	91cm	50cm
<b>Others:</b>			
Measuring Sensor	Infrared Beam & Rotary Encoder		
Weighing Sensor	Load cell		N/A
Data Output	EIA RS232C, Bi-directional		
Conveyor Direction	Bi-directional	One-way	
Conveyor Method	Rubber Coated Power Rollers		
Power	220VAC,50Hz 1 phase		220VAC,50Hz 1phase and
	500VA		380VAC, 50Hz 3 phase 500VA

The specifications and external design are subject to change without notice for further product improvement.

# SHINKO

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