



## Howard Way and Associates

### WAREHOUSING AND DISTRIBUTION

Many warehouse managers become so by default. Until recently there were very few formal courses in warehousing and even fewer in warehouse management. Promoting from within is a great principle but it should be the obligation of management to provide the tools and skills needed to allow the new manager to succeed. There is little literature directed at the “**Nitty Gritty**” of warehouse operation and management. This course is one of the very few that approach warehouse problems head-on and show **how** to solve them. We will show you the tricks, tips and techniques of space utilization and labor saving that you need to survive and flourish in this field.

Buzz Words flourish in our field. Some are passing fashion and some represent real value and lasting benefits. You have undoubtedly heard about and read about Warehouse Management Systems or WMS. You may have wondered how these systems might affect your organization. This is your chance to learn from an expert in the field, the straight information about how these systems relate to you, how one acquires such a system and how to determine the degree of sophistication that is right for your business. Equally important is understanding the best way to make it all happen.

#### YOU WILL LEARN TO

- Utilize empty space that you are already paying for!
- Increase capacity by 40% without buying any new equipment!
- Evaluate the real impact of deep floor stacks! .
- Simplify storage, handling, and inventory takes with better pallet patterns.
- Locate goods in the warehouse to reduce travel time and increase productivity
- How to implement a time-saving locator or addressing system.
- Evaluate more sophisticated Handling and Storage equipment
- Speak to Top Management in the Language they understand!
- Demand the Information needed to control your warehouse
- Save money by accurate on-time stock information!
- Evaluate warehouse control software to benefit the warehouse operation!
- Apply the latest technology in a cost-effective manner!
- You will learn how to **justify** the investment in a total control system for the warehouse.
- You will learn to use the potential of **bar codes**, automatic identification and how to harness the benefits of the warehouse computer.

#### SESSION CONTENT

##### PRINCIPLES OF SPACE PLANNING

Are you ready to build or lease additional space? Are you sure you need it? We will explain how to best utilize the cube of the warehouse. What is the effect of pallet pattern on overall space requirements? Do you have the right trucks for your building? How “honeycomb or empty space is affected by storage method. What is the justification for racks as opposed to floor stacking? How to double your small parts storage space without additional floor area. The universal rule that always applies to improved warehousing. Why higher storage means lower cost.

##### STORAGE METHODS FOR UNIT LOADS AND SMALL PARTS

Racks or stacks? When deep floor storage *appears* better than it really is? How deep a stack is appropriate? Shelves, carousels and flow rack.

## **HANDLING METHODS**

Counterbalanced Lift Trucks, Fork Truck Attachments, Narrow Aisle Lift Trucks, Turret Trucks, Man-Up versus Man-Down trucks, Stock Picker Trucks, Storage Retrieval Trucks, Automated Storage and Retrieval Systems, Mini Load Systems.

## **LOCATOR SYSTEMS**

How to implement a time saving addressing or locator system....Why it is vitally important

## **STOCK SELECTION AND SHIPPING**

General rules for increased picking productivity. Discrete Picks, Progressive Picking, Batch Picking, Zone Picking. Large items versus small items. Forward Pick Slots and when to use them. How much checking is necessary? Packing bottlenecks and how to improve packing productivity.

## **ECONOMIC JUSTIFICATION**

Speak the language of management

Costs and Benefits of Warehouse Control ( A method to realistically justify your expenditure on control)

## **INTRODUCTION TO THE REAL OBJECTIVES OF WAREHOUSING**

Cost Effectiveness, Customer Service, Cycle Time, Cost of Inventory, Accuracy.  
The importance of control.

## **WAREHOUSE MANAGEMENT SYSTEMS**

What are they?, What can they do? , What do they cost?

Bar codes and Radio Frequency

## **BIOGRAPHY**

Arthur S. Liebeskind is President of Howard Way and Associates, Warehousing and Distribution Consultants. As a consultant he has been involved with warehousing and allied subjects for over thirty years. His clients range from Fortune 500 companies to small warehouse situations.

As editor of THE HOWARD WAY ARCHIVES he has prepared a CDROM of more than 2000 pages of solutions to warehousing problems.

He has developed a best selling warehouse control system that runs in Windows on PC's.

He holds a master's Degree in Industrial Engineering from Cornell University, and has managed both production and service companies in his career.

An experienced lecturer, Mr Liebeskind has spoken before technical associations and corporations throughout the United States and Canada, in Europe, South America and Asia.

Some of Mr. Liebeskind's accomplishments include the design and implementation of a number of Automatic Storage and Retrieval Warehouses for some of America's most successful companies.

  
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