

COME SEE US AT BOOTH #1019

The solution for small parts handling

Remstar International Inc. is the leading provider of automated storage and retrieval systems for small parts, tools and dies handling. Our systems provide a cost effective and low risk solution to increasing productivity and operating efficiencies while reducing wasted floor space.

Applications are extensive, including aerospace, automotive, distribution, electronics, retail, manufacturing, e-commerce, medical device, pharmaceuticals, hospitals, metal working and tooling.

The Remstar Service Advantage.

RMS Service has the largest factory trained and certified organization in the automated storage and retrieval systems world...bar none!

Over 400 technicians, eight regional parts and distribution centers and an on-call customer support team are available 24 hours a day, 7 days per week to protect your mission critical operation from losing valuable down time.

For a free space and productivity analysis or to learn more about Remstar's integrated solutions for manufacturing, warehousing, and distribution, contact a Remstar representative now.

Remember the solution is Remstar.

SPECIAL PROGRAMS

Remstar realizes you need to be responsive to your customers' needs, and your business' financial needs. That's why we've put together three special programs.

▶▶ 10 Day Quick Ship

You can have a Shuttle VLM installed and running in your facility in less than two weeks. Let Remstar help you respond to your customers' needs.

▶▶ Leasing Programs

A Remstar representative can show you how to roll all of our products and services into a fast and convenient leasing program.

▶▶ FREE Equipment For Trial Program

Qualified organizations can use this program to see how a VLM can increase productivity and save floor space for 90 days in your facility. Just tell a Remstar representative you want a FREE Shuttle and they will get the ball rolling.

The graphic features a central figure of a person in silhouette, standing on a small globe and holding up a large cardboard box with a barcode. The background is a stylized, glowing blue and white tunnel or data stream, with several other cardboard boxes floating around. The word 'Solutions' is written in a large, bold, serif font, and 'for small parts handling' is written in a smaller, sans-serif font below it. The Remstar logo is at the top.

REMSTAR

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REMSTAR
SOLUTIONS FOR SMALL PARTS HANDLING

Manufacturing

MANUFACTURING-BASED SOLUTIONS



WHY AUTOMATED MANUFACTURING SYSTEMS

- ▶ Maximizes overhead space and recovers up to 85% of floor space
- ▶ Dramatically increases productivity of personnel equipment and processes
- ▶ Protects inventory from damage and shrinkage
- ▶ Items available when you need them immediately
- ▶ Can eliminate or reduce moving or construction costs
- ▶ Systems can be stand-alone, automated islands or fully integrated
- ▶ Turnkey in as little as 10 days

Lean Manufacturing, JIT, Six Sigma, Good Manufacturing Practice (GMP)...

These are the initiatives and mandates shaping manufacturing today. To remain competitive, organizations are looking for new ways to improve their operations and eliminate waste.

Automated small parts handling systems enable these best practices by conserving floor space and reducing labor while driving higher levels of throughput, productivity, and accuracy. They are the building blocks that deliver manufacturing success. What can a small parts storage and handling system do for you?

ROI - A successful implementation should produce measurable rates of return before, during, and after implementation. Small parts handling solutions deliver the ROI you're looking for, often in 9 to 18 months. Easy and free online calculator: www.Remstar.com/roi

Floor space - Vertical storage systems can reach up to 60 feet in the air, maximizing otherwise wasted overhead space. That can save up to 85% in floor space.

Productivity - These solutions deliver productivity improvements of up to 66% by eliminating wasted walking and searching time. Whether you have central storage or point-of-use areas, the right

part is never more than a push of a button away. Simply select the SKU, scan the barcode or download a work order and the automated system delivers the parts to the operator. An entire pick list can be selected with one rotation of the carousel.

Throughput - Smart storage and retrieval techniques enable throughput gains of up to 600% by reducing or eliminating wasted motion.

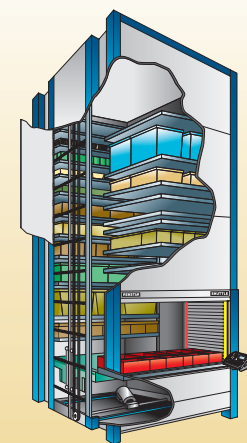
Accuracy - Pick-to-light technology, available on all systems, improves accuracy to 99.9%. Items are presented for picking and the light indicators tell you where and how much to pick.

Ergonomics - Parts are delivered to an OSHA-friendly position, which reduces worker fatigue and strain. This can lead to reduced work place injuries, workman compensation claims and expensive litigation. As a result, good ergonomics often reduces worker turn-over, training costs and the reduced accuracy and productivity associated with temporary workers.

Remember: whether you are implementing Lean Manufacturing, JIT, Six Sigma, or GMPs, Remstar has the total small parts handling solution for the plant floor.

APPLICATIONS FOR LEAN MANUFACTURING

- ▶ Tool & stockrooms
- ▶ Automating existing tool cabinets
- ▶ Maintenance & Repair Materials
- ▶ Point-of-use workstations
- ▶ Die & fixture storage
- ▶ Clean room environments
- ▶ Consolidating multiple areas
- ▶ Cutter grind
- ▶ Buffer storage
- ▶ Work in process
- ▶ Automated tool dispensing
- ▶ Quality control
- ▶ Reel storage
- ▶ Burn-in

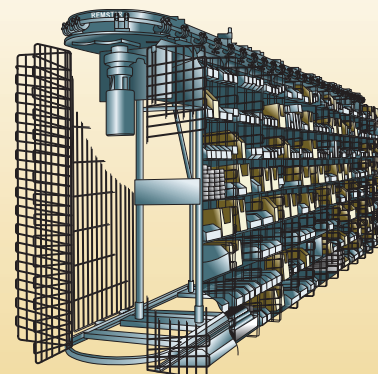


Shuttle® Vertical Lift Module (VLM)

The VLM uses vertically arranged trays, an extraction platform, and computerized controls to automatically store, retrieve, and deliver the required material to an operator at convenient work height.

Horizontal Carousel

A Horizontal Carousel uses adjustable shelves positioned in a bin or carrier which is suspended from a track to automatically deliver items to an operator. Multiple integrated carousels work as a cluster or pod to maximize productivity.



REMSTAR
SOLUTIONS FOR SMALL PARTS HANDLING

Distribution

DISTRIBUTION-BASED SOLUTIONS



The distribution center isn't what it used to be. Predictable orders, full truck load shipments, and long lead times have been replaced by compliance labeling, smaller and more frequent deliveries, and same day turnarounds.

WHY AUTOMATED DISTRIBUTION SYSTEMS

- ▶ To 99.9% order accuracy levels
- ▶ Increases throughput up to 600%
- ▶ Extends order cut off times
- ▶ Saves up to 66% of floor space
- ▶ Reduces man-hours by 2/3
- ▶ Improves inventory turns
- ▶ Simple & flexible turnkey solutions

The one thing you can count on is that what you do tomorrow will be different from what you just did today. That includes the products you store and ship, the customers you service, and the value-added processes you're asked to provide.

Remstar's solutions utilize low risk technologies that deliver higher throughputs and accuracy, reduced floor space and labor, extended order cut off times, and the flexibility to adapt to new business opportunities with minimal additional costs.

From new facilities to improving a work zone or workstation, Remstar focuses on turnkey small parts handling solutions including: inventory storage, replenishment, fast, slow and

medium order picking, consolidation, and buffering systems.

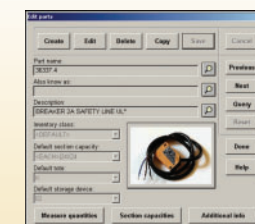
Thanks to the most extensive offering of solutions, experience, equipment and software Remstar can analyze and tailor a small parts handling system to your specific needs. That's true whether you're working in a facility, a work zone, a work station, or just solving a problem.

Remstar and its business partner dealers aspire to be "easy to do business with." Whether you need Remstar to be the prime integrator, equipment supplier, OEM, installer, servicing organization or financial resource, Remstar is able to use its experience to meet your goals. Being "easy to do business with" means listening to, meeting and exceeding your requirements with a "can-do" attitude and professional precision and execution.

Whether your warehouse strategy requires a universal work station, batch picking, pick and pass, parallel picking, remote picking, sorting and consolidation, or buffering, Remstar has the building blocks and experience to deliver the best solution for you. **Remember, your solution starts with Remstar.**

APPLICATIONS OF AUTOMATED DISTRIBUTION SYSTEMS

- ▶ Order picking
- ▶ Buffer storage
- ▶ Order consolidation
- ▶ Returns processing
- ▶ Replenishment systems
- ▶ Quality control
- ▶ Refrigerated and freezer storage
- ▶ Slow-mover order picking
- ▶ E-commerce distribution
- ▶ 3PL distribution



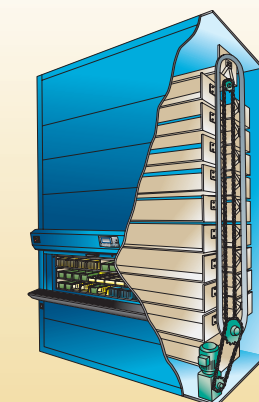
Inventory Management Software

A suite of inventory management software provides solutions to maximize and manage inventory operations in manufacturing, warehousing and distribution applications. From simple machine interfaces to transaction processors to database solutions... Remstar has the proven and cost effective solution for you.



Pick-To-Light

Pick-to-light technology relies on a series of multi-color alphanumeric displays and buttons to efficiently direct order picking and replenishment from carousels, VLMs, shelving and rack.



Vertical Carousel

A Vertical Carousel is a system of carriers or shelf levels that rotate up or down via the shortest path at a touch of a button. Items are delivered quickly and ergonomically to the operator for enhanced productivity and accuracy.