

# Industrial Vending Machines

clear  
spider

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# Overview

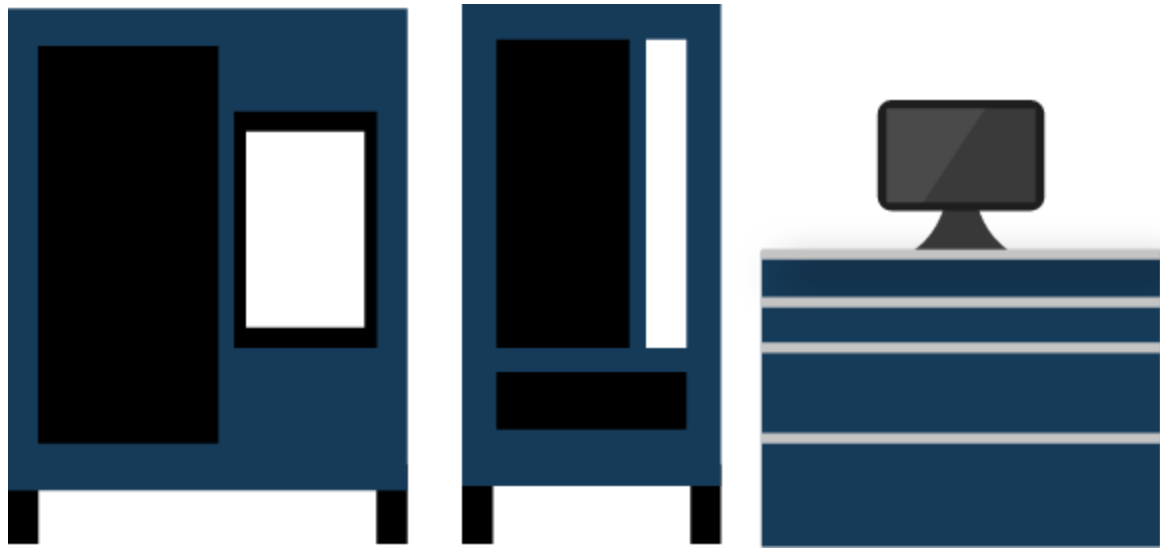
Industrial Vending Machines improve operations by automating the process of dispensing equipment to your employees.

There is a lot that goes into the operation of a warehouse, and it may not always be the easiest to manage. Since manufacturing is a complex operation, there are many components that managers need to oversee. The larger the operation, the larger the scope of responsibility.

This is where industrial vending machines can lend a hand. IVMs improve visibility and cut costs; they have a high storage capacity and their software systems are easily customizable.

In this whitepaper, we discuss the various aspects of industrial vending and how Clear Spider can help.

# What is an Industrial Vending Machine?



An **industrial vending machine (IVM)** is a sophisticated robotics system that automates the process of dispensing items and equipment to employees.

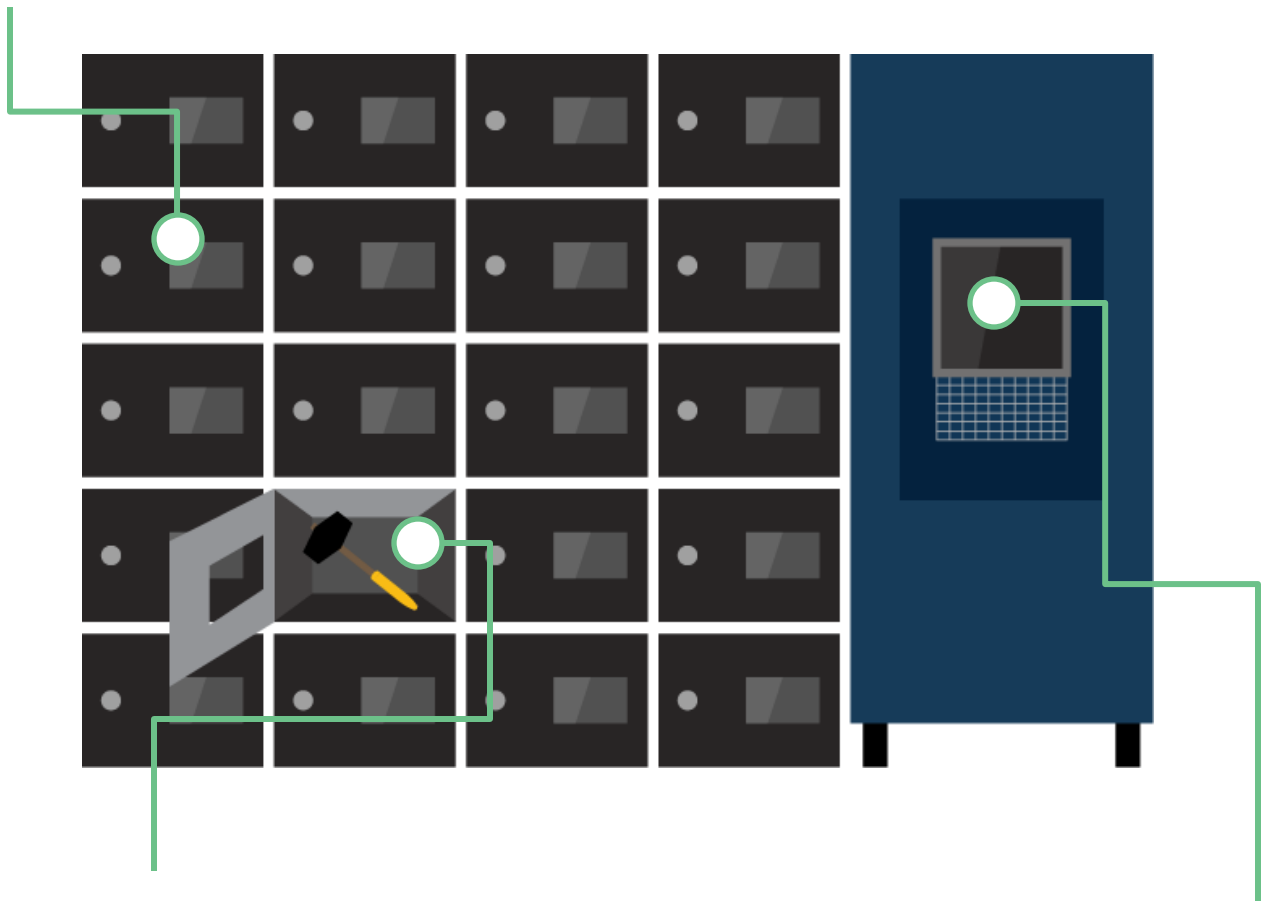
Using specialized inventory management software, industrial vending machines dispense and track your inventory and how it's being used. Clear Spider customizes vending machine software for each company and its industry.

# What is an Industrial Vending Machine?

Industrial vending machines operate like your typical snack vending machine. The only difference is the way inventory gets vended.

## STORAGE

This is where inventory is kept. A variety of unit types are available for different types of supplies.



## VENDING

Your inventory is kept safe in the machine and is only accessible through the system by authorized personnel.

## OPERATING SYSTEM

Every machine will have a computer system built in that runs the inventory management software that monitors and distributes supplies. You will be notified when inventory is running low.

# How It Works



Employees log into the system using a code or ID badge. Each machine is paired with software that manages and tracks the distribution of inventory.



The employee is then taken to a screen. Options differ from business to business (or even employee to employee) as everyone has different requirements.

- Access to inventory can be customized based on job number, employee, department and monthly budget.
- Limits unauthorized use and manages issue quantity



The employee then inputs the necessary information for the part that they are taking out and lists the reason for it (selected in the menu).



Depending on the model of the vending machine, the machine will dispense the item, or open up one of the locker units so that the employee can take the item that they needed.



Depending on the item, once they are done, they will put the item back.

# Benefits



IVMs allow supplies to be **readily available**. The digitized system is user friendly and easy to navigate.

## EASY ACCESS



IVMs allow you to **monitor the use and consumption** of each individual item, therefore eliminating theft and misuse. It encourages employees to be more mindful of resource usage.

## ACCOUNTABILITY



IVMs are **always running and can be accessed at any time**. They take up little space and can be placed throughout your warehouse. This reduces the time employees need to get items.

## EFFICIENCY



IVMs give you visibility. They **eliminate stock-outs** by tracking usage and replenishing items when low. You stock items only when you need to because you know the amount of inventory you have at all times.

## NO EXCESS STOCK OR SHORTAGES

# Who Needs Industrial Vending?

Generally, industries that need industrial vending are those who have many divisible supplies.

Some industries that often use industrial vending machines are:



**Maintenance  
and Repair**



**Aviation**



**Manufacturing**



**Oil and Gas**

Industrial vending machines will distribute any supplies that your employees need to do their jobs properly. This includes specialty tools, protective gear, and more.



# Items That Can Be Vended

Industrial vending machines cater to your specific business needs. Here are some examples of items that can be vended:

## Safety Equipment



- Ear Protection
- Safety Glasses
- First Aid
- Gloves
- Vests
- Hard Hat

## Power Tools



- Heat Guns
- Power Shears
- Grinders
- Drills
- Sanders
- Saws

## Fasteners



- Hardware
- Bolts
- Anchors
- Nails
- Nuts
- Rivets

## Test Instruments



- Pressure Gauges
- Gas Analyzers
- Anemometers
- Barometers
- Adhesion Testers

## Hand Tools



- Torque Wrench
- Pipe Wrench
- Clamps
- Pliers
- Bolt Cutters

## Office Supplies



- Toner Cartridge
- Laptops
- Batteries
- Utensils
- Paper

# Clear Spider & Industrial Vending

Clear Spider offers an Automated Vending function that is capable of tracking when items are dispensed and returned. This function allows you to monitor individual employee activity and customize access based on department or job level. It is also possible to set limits to the quantity that employees are able to access.

As well, Clear Spider's software can integrate with other great features like RFID. The software is cloud based, making it easy for integration and smooth operation.

Here are 3 benefits of using Industrial Vending Machines with Clear Spider:



## **Cost Reduction**

They are cheaper than hiring a dedicated in-house individual to manage item vending. As well, industrial vending machines run on a much more flexible schedule.



## **Automatic Replenishment**

The Clear Spider system will notify the supplier when inventory is low, so they know exactly when to send over more product.



## **Simple Integration**

Clear Spider offers both customer-managed inventory and vendor-managed inventory. Clear Spider can also integrate with other software to streamline your operations.

Today, over 100,000 companies use Clear Spider on a daily basis.

Clear Spider is a web-based inventory management solution for companies to manage either their own inventory or the inventory of their customers and suppliers. There is no hardware or software installation, so deployment is quick.

Clear Spider is easy to learn, use, and maintain.

Interested in learning more?  
Contact us to discuss your inventory management needs.

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