**Vending machine**

**Interducation**

An automated machine which is intended to provide the users with a diverse range of products: snacks, beverages, pizzas, cupcakes, newspapers, tickets, etc. A vending machine dispenses a product to the users based on the amount of money inserted and selection of the product. Vending machine is a 24x7 standalone unit which requires a standard power supply connection to function. It consist of simple electro-mechanical systems which helps to automate the entire vending process. In a nutshell, its basic function is to flawlessly issue users with a diverse range of products anytime.

Various types of food and [snack](https://en.wikipedia.org/wiki/Snack) vending machines exist in the world. Food vending machines that provide shelf-stable foods such as chips, cookies, cakes, and other such snacks are common. Some food vending machines are refrigerated or frozen, such as for chilled soft drinks and ice cream treats, and some machines provide hot food.

Some unique food vending machines exist that are specialized and less common, such as the [French fry vending machine](https://en.wikipedia.org/wiki/French_fry_vending_machine) and hot pizza vending machines, such as [Let's Pizza](https://en.wikipedia.org/wiki/Let%27s_Pizza). The [Beverly Hills Caviar Automated Boutique](https://en.wikipedia.org/wiki/Beverly_Hills_Caviar_Automated_Boutique) dispenses frozen caviar and other high-end foods.

**History**

The first modern coin-operated vending machines were introduced in [London](https://en.wikipedia.org/wiki/London), [England](https://en.wikipedia.org/wiki/England) in the early 1880s, dispensing [postcards](https://en.wikipedia.org/wiki/Postcard). The machine was invented by Percival Everitt in 1883 and soon became a widespread feature at railway stations and post offices, dispensing [envelopes](https://en.wikipedia.org/wiki/Envelopes), [postcards](https://en.wikipedia.org/wiki/Postcard), and [notepaper](https://en.wikipedia.org/wiki/Notepaper). The Sweetmeat Automatic Delivery Company was founded in 1887 in England as the first company to deal primarily with the installation and maintenance of vending machines. In 1893, [Stollwerck](https://en.wikipedia.org/wiki/Stollwerck" \o "Stollwerck) , a German chocolate manufacturer, was selling its chocolate in 15,000 vending machines. It set up separate companies in various territories to manufacture vending machines to sell not just chocolate, but cigarettes, matches, chewing gum, and soap products.[[6]](https://en.wikipedia.org/wiki/Vending_machine#cite_note-6)

The first vending machine in the U.S. was built in 1888 by the [Thomas Adams Gum Company](https://en.wikipedia.org/wiki/Thomas_Adams_Gum_Company),[[7]](https://en.wikipedia.org/wiki/Vending_machine#cite_note-NAMA_History-7) selling gum on New York City train platforms. The idea of adding games to these machines as a further incentive to buy came in 1897 when the Pulver Manufacturing Company added small figures, which would move around whenever somebody bought some gum from their machines. This idea spawned a whole new type of mechanical device known as the "trade stimulators".

**Advantage and disadvantages**

Advantage

* Low Maintenance.
* Variety of Options
* Saves Time and Money
* Accessibility and Convenience
* No Overhead Cost
* Healthier Options for a Healthier Lifestyle

Disadvantages

## Added Administrative Costs

## Competition for Other Food Vendors

## Quality and Quantity of Snacks Offered

## Costly Investment