Perhaps no American Industrial Institution is more generally or favorably known than the Heinz Pure Food establishment at Pittsburgh. To this home of the "57 Varieties, where purity is the keynote and cleanliness reigns supreme, come thousands of visitors from all parts of the world, who find its doors always open to the public, which is allowed to freely inspect both methods and surroundings.

The great and widespread interest in this unique plant leads to numerous requests for descriptive information from the many who are unable to personally visit Pittsburgh, and it is in response to such inquiries that this booklet is offered to the public.

Beginning business in 1869, the first operations were confined to a single room* in a dwelling house

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*This room was in the house shown in the illustration above, situated on a tract of land containing six and one-half acres, the boyhood home of the founder of the business of H. J. Heinz Co. His father being engaged in the manufacture of brick, which did not require all of the land, four acres were devoted to gardening, where, as a young man, Mr. Heinz had an opportunity of studying soil, fertilizer, climatic conditions, etc. After he had reached his majority three-quarters of an acre was allotted to him, which he used in the cultivation of horse-radish. The product of this land constituted the raw material, in the preparation of which for the market the business began.
at Sharpsburg, a suburb of Pittsburgh, where the first variety was prepared.

Two years later the business was removed to more commodious quarters on Second Avenue, between Grant and Smithfield streets, Pittsburgh. In 1876 a change was made to the premises on the opposite side of the street, and the plant further enlarged at the end of the first decade in 1879 by the occupancy of buildings, connected with the former and extending in the rear of them through to First Avenue, with a frontage of 100 feet on that street. During the second decade, between 1879 and 1889, additional buildings were leased but the growth of the business was such that adequate facilities for enlargement in that part of the city were not readily obtainable. This fact led to the purchase in 1889
of a site situated on the north bank of the Allegheny River, which affords water transportation through the Ohio and Mississippi rivers to the Gulf of Mexico. It covered thirty-six ordinary city lots, and lay between two railroad trunk lines where the erection of a new plant was commenced. Today the site of the main plant covers one-hundred and fifty-two city lots, or sixteen blocks, within a ten minutes' ride of the Pittsburgh post office, on half of which there have been erected fifteen modern manufacturing buildings. These are grouped about open courts, a provision that permits them to be flooded with light and insures perfect ventilation. Conforming to a general plan of architecture with battlements and towers, the attractiveness of the place is enhanced by the uniformity of the material entering into its construction. Use
has been made of dark buff vitrified pressed brick, with glazed surface, permitting them to be washed and thus the exterior of the buildings kept as bright and clean as the interior and as new in effect as if constructed yesterday. The visitor receives, as he approaches, an impression of freshness and cleanliness that he finds reflected in every part of the plant.

The early horse-radish patch has expanded meanwhile, and the Company now operates vegetable farms in Pennsylvania, New York, Indiana, Michigan and Iowa. Here seed is propagated so that assurance may be had that a proper variety of vegetables will be grown by the farmers who contract to deliver their produce to the Company. Experimental agricultural stations are also conducted on the farms to demonstrate to the contract farmers the best ways, means and methods.

Over twenty thousand acres are thus under annual cultivation, by the Company and its contractors, to supply cucumbers, tomatoes, cabbage and cauliflower, and as many thousand more acres of small fruits, beans, etc., and countless trees of apples and
peaches yield their bounty to the ever increasing demand for raw material. Each crop is grown in a section where climate and soil conspire to grow it best.

Located conveniently with relation to these farms, which are widely distributed as a protection against the effect of crop failure in some localities, are sixty-one salting stations to which produce is taken fresh from the vines. Economy in the handling of the raw materials has dictated the location of branch factories in close proximity to the farms and salting houses. These branch factories are ten in number, located in seven states.

The regular employees number more than three thousand, and in the summer season the labor of over forty thousand persons is required by the farmers to whom the Company has furnished seed, in the cultivation and harvesting of the crops that are delivered to the salting houses and branch factories.

A large building, 100 x 170 feet, is devoted principally to the preparation of our Baked Beans and to our Bottling Department, and in it are employed more than three hundred girls.
Heinz Baked Beans, either with tomato sauce or plain, are among the best known of the 57 Varieties, and in this building we annually pack many thousands of bushels of choice hand-picked New York State beans into nearly ten million cans, labeling and boxing them complete, ready for the market.

Heinz Beans are not boiled, but are actually baked to a tempting brown, and as they come from the great ovens they are filled, piping hot, into the cans, which have been first thoroughly cleansed, and into each one of which has been placed a piece of the finest pork, always exactly cut to uniform size.

After filling, every can is separately and accurately weighed to secure uniformity in quantity. From the scales it goes directly to an endless conveyor, which carries it to an automatic filler, through the silver-lined tubes of which the tomato sauce is introduced without retarding the motion; and then, still on, past a row of girls who put on the caps, to another automatic machine which solders the caps in place without hardly arresting them on their journey.
The Home of the 57

One of these machines will solder forty thousand cans in a single day.

An air hole is left in the center of the cap, which still requires closing by men who stand over the conveyor as it passes with its row of shining tins. There then remains only the process of sterilizing, a guaranty against spoilage, after which the cans are finished and ready for the labelers.

Three kinds of Baked Beans are prepared: Baked Beans with Tomato Sauce; Plain Baked Beans without Tomato Sauce; and Vegetarian Baked Beans with Tomato Sauce, the latter without pork.

Perhaps no department of our work is more interesting to visitors than the bottling of Pickles, which engages a large number of nimble-fingered girls; they are aided by little grooved rods which hold the pickles in place, while they deftly deposit them in the carefully washed bottles, a single one at a time, in such a way as to secure
perfect uniformity of design in the arrangement of every package.

All the tables upon which this work is performed are topped with shining white tile, which is always faultlessly clean and dainty.
RED ripe Tomatoes, hundreds of thousands of bushels of them, are required each year to make Heinz Tomato Ketchup.

After these are washed and the skins removed, they are cooked and skillfully seasoned in long rows of burnished kettles in which ponderous stirrers are constantly turned by electric power. When finished, the hot ketchup, with its appetizing aroma of fragrant spices, is conducted direct to the bottling tables through silver-lined pipes, thus ensuring against chemical change that invites fermentation. Here the bottles are sealed with corks, put in under great pressure, then labeled and wrapped, ready to be boxed for shipment.

Our other Tomato Products undergo much the same treatment in their preparation. Chutney, Chili Sauce, and our delicious Tomato Soup require still other thousands of bushels of ripe tomatoes, the aggregate quantity used being almost inconceivable through any power of mere figures to describe it.
APPROACHING the great preserving kitchens, the air is laden with delightful odors redolent of the fragrance of the orchard.

Choice selected whole fruits and pure granulated sugar—nearly twenty thousand barrels of it a year—are used in making Heinz Preserves and Jellies, which, through the method of preparation in use, retain to a marvelous degree the flavor of the fresh fruit.
The cooking rooms, with their rows of great kettles ever scoured to brightness, are light, cheerful and airy; all the arising steam being dispersed by large mechanical fans.

Perfect order and spotless cleanliness prevail everywhere, from the first preparatory work to the storage room with its seemingly endless avenues of Apple and Peach Butter and Preserves, piled in jars and crocks innumerable.

In its preparation for the kettles, the fruit is all inspected and washed; berries are hulled, and cherries seeded by hand in the home way—the only sure way to do such work perfectly. No pains are too great to be taken in making each one of the 57 Varieties as near perfection as possible.

The picture of the busy scene here depicted was taken on a day when 45,000 quarts of strawberries were preserved in ten hours. Hundreds of girls are kept constantly engaged, under watchful inspection, throughout the entire fruit season in this preparatory work.
The entire Main Plant is lighted by electricity, and all its machinery is operated by electric power, for the generation of which three large engines are directly connected with dynamos which aggregate over one thousand horse power; this equipment being of the most modern and approved character.

The engine room is a marvel of cleanliness and beauty. Its Alhambra tile floor, the windows and doors of heavy plate glass, and its marble wainscoting and columns, combined with woodwork of polished mahogany, have won for this room the distinction of being one of the finest power rooms in the country.

The great machines here installed are so perfect in their construction that, despite the enormous load carried, the slight noise produced by their operation is suggestive of nothing more formidable than a light-running sewing machine.
The Home of the 57
Some of the 57 Varieties

- Sweet Pickles
- Sour Pickles
- Dill Pickles
- Celery Sauce
- Chow Chow
- Pearl Onions
- Sweet Onions
- Queen Olives
- Manzanilla Olives
- Exhreed Figs
- Baked Beans (with Tomato Sauce)
- Tomato Soup
- Mince Meat
- Ketchup
- Tomato Chutney
- Mustard Dressing
- Exceller Vinegar
- Pickling Vinegar
- Cider Vinegar
- Evaporated
- Horse Radish
- Mustard
- Worcester Sauce
- Pepper Sauce
- Evaporated
- Red Raspberry
- Pineapple Preserves
- Strawberry
- Apple Butter
- Peach Butter
- Fruit Jellies
- Malt Vinegar
- Pickling Vinegar
- Celery Vinegar
- etc.
UNEXCELLED shipping facilities are supplied at the Main Plant by the Pennsylvania and Baltimore & Ohio railroads, both of which have sidings leading into the yards and warehouses, which contain trackage accommodating fifty-two cars at one time.

Through the connections afforded by these two great railroad systems, the service of fourteen trunk lines is secured, a matter of essential importance when it is considered that our loaded car movement, at the Main Plant alone, approaches six thousand cars annually, and through all our plants and connections nearly five times that number.

For shipment to the South, the Allegheny River offers additional facilities, while local deliveries are made by trucks and teams of great black horses.
The Home of the 57

Its own line of refrigerator cars is operated by the Company in the distribution of its finished product, thus insuring for it, as nearly as possible, an equal temperature at all seasons; it being a fact well known to housewives that such delicacies are not improved by extremes of either heat or cold.

For the transportation of pickles in brine from salting stations to the various factories which prepare them for market, another line of tank cars, designed and owned by the Company, are used, and still other tank cars are employed in distributing vinegar in bulk among its various stations.

This Company was also one of the pioneers in the commercial use of automobiles, a number of which have been placed in operation in American cities as well as on the streets of London and Paris.
"A WORSE fate than being a Heinz horse might befall us," was the remark of an admiring visitor on seeing the stable here illustrated. The building is of stone, iron and brick, thoroughly modern and practical in construction and equipment throughout. Its first floor is utilized for wagon storage; the floor above accommodates horses, one-half of the third contains the feed rooms, and the other half a hospital, where sick horses may be treated apart from the others.

A light, healthful interior is secured by windows on all sides, all thoughtfully provided with screens in summer. The stable is heated by steam throughout, lighted by electricity, and contains a modern ventilating device. A Turkish bath-room for horses is one of its unusual features, and an overhead trolley system is used to convey the harness to and from the harness room.
The Home of the 57

The stalls are floored with a layer of cork brick, sufficiently elastic in texture to make it restful to a tired horse. There are electric fans and electric clippers; electrically propelled brushes are used to clean the horses, while another mechanical device cleans and frees from dust the oats with which they are fed.

Pipe-iron gratings constitute the partitions between the stalls, insuring the freest circulation of air. In each manger the grain box and a hay compartment are separate, and there is an enameled drinking trough to which flowing water is admitted by the pressing of an electric button, all the troughs being filled simultaneously.

All of these things unite to make this a modern commercial stable.

The first prize for draft horses was awarded by Pittsburgh’s Horse Show to our blue-ribbon team here illustrated, perhaps the most noticeable team on the streets of Pittsburgh. With the single exception of the grey horse in this team, all of the other horses, over two hundred in number, used at the Main Plant, branch houses and branch factories, are uniformly black in color.
All the Heinz employees are accustomed to assemble frequently for the purpose of listening to brief addresses by distinguished visitors, to welcome home some member of the firm from an extended absence, or for their Christmas and other entertainments.

No ordinary room being well adapted for such assemblies, the want has been supplied by devoting space in two floors of one of the recent additions to the buildings of the Main Plant, for the purpose of an Auditorium. This Auditorium, constructed on the plan of a theatre, with a large stage, balconies, and boxes, is handsomely decorated and supplied with comfortable opera chairs, while its general attractiveness is heightened by beautiful stained glass windows, and the numerous oil paintings and other pictures which adorn its walls.
HEIZ girls, while on duty, wear a tasty and becoming uniform of blue and white with white caps to hold the hair in place. These uniforms, regularly laundered in the factory laundry maintained by the company, are always kept clean and neat, as befits the character of the work performed by their wearers.

A wagonette is employed for the exclusive purpose of giving these girls occasional rides through the suburbs in pleasant weather. It accommodates a party of nine, and by taking a different company each day, it is intended that every girl in the factory shall enjoy at least one drive in the season, when the parks and boulevards are at their best; these drives being among the cherished outings of the year.

For the comfort and convenience of all employees, dining rooms, to the number of four, are maintained, one each for the men, women, office force, and for the firm and its guests, that for the women having a seating capacity of six hundred.

The women bring the main part of their lunches from home, depending upon the factory kitchens for coffee only, which, with the addition of a liberal supply of its own 57 Varieties of good things, contributed by the firm, is served in abundance.

The men’s dining room is operated by a Board of Managers of their own selection, which provides excellent hot meals at a minimum of cost, while the office room is conducted on the club plan.
The Home of the 57

Top: Roof Garden
Middle: Emergency Ward
Bottom: Cooking Class
EDUCATIONAL work along various practical lines receives much attention, and under the direction of competent instructors, employed by the firm, a number of classes are conducted during the winter months.

A successful cooking school is maintained in the well-equipped kitchen connected with the girls' dining room, and classes in which plain sewing is taught are much appreciated by girls who frequently have no other opportunity to learn.

The men have a well-attended weekly class in mechanical drawing, and for men and women alike instruction is given in vocal music. From this musical instruction has resulted the organization of the Henn Choral Society, a successful institution, the creditable performances of which are highly enjoyed on the occasion of its concerts, which are occasionally given in the Auditorium, complimentary to the employees and their families.
A RECREATION Room for girl employees contains on its walls many handsome pictures, and is well provided with illustrated magazines and other periodicals, while bric-a-brac and other decorations, collected by the senior of the Company in foreign travels, add much to the charm and interest of the surroundings.

Sewing tables, writing desks, and an abundance of easy chairs, make it an especially inviting resting-place for leisure moments.

For the musically inclined, an organ and pianos are provided; and those having literary tastes may find ample gratification by means of a well-stocked library, which not only supplies books for reading on the premises, but gives the employees an opportunity to provide themselves with home reading. These books, which are carefully selected, afford a wide choice, ranging from instructive works to wholesome fiction, and new books are constantly being added to keep the library up to date and maintain the interest in it.
A PROMINENT feature of the sociological work of the firm among its employees are the short noon lectures in the Auditorium, which take place frequently during the fall and winter months. By means of these lectures an opportunity is afforded to see and hear men distinguished in professional and commercial life. On such occasions celebrated travelers, prominent clergymen and lawyers, busy bankers, manufacturers and merchants, bring many messages, which are always found interesting, instructive, and helpful.

THE use of uniforms necessitates a change of dress twice each day, which is facilitated by large dressing rooms containing separate individual lockers, and wash basins with hot and cold water, while modern bathrooms for both men and women, with tubs and showers, are provided free and always open.

An emergency hospital is under the charge of a competent matron who attends there to accidents or temporary indispositions, while a physician is always within ready call for cases of more serious nature.
OUTDOOR recreation receives its due share of attention, and on two of the principal buildings are to be found inviting roof gardens, decorated with palms and splashing fountains, where leisure can be spent in enjoyable comfort.

One day in each year is always set aside for the annual picnic outing, to which all look forward with pleasurable anticipation. For the past thirteen years these outings have been held regularly, and each one seems more successful than its predecessor.

A delightful grove is secured by the Company miles away from the city’s noise and confusion, and transportation by railroad or steamboat is provided, not only for the employees, but for their families and friends as well.

Several bands are taken along to provide music for dancing and general entertainment, and boating, athletic contests, ball games, and the usual accessories of all big and successful picnics are features of such occasions.

All the members of the firm are accustomed to attend these picnics and contribute in many ways to make the day enjoyable to the members of the Keystone Family.
Some Principal Buildings at the Main Plant
The Home of the 57

Branch Warehouses and Offices

New York.
206 Spring Street,
511 E. 137th Street,
17 and 19 Waverly Avenue.

Chicago.
1812-1816 South Clark Street.

Boston.
16 Lewis Wharf.

St. Louis, Mo.
1446 N. Broadway.

Jersey City, N. J.
642-644 Montgomery Street.

Buffalo, N. Y.
106 and 108 Main Street.

St. Paul, Minn.
45 E. Fillmore Avenue.

Nashville, Tenn.
215-217 Church Street.

Chattanooga, Tenn.
204 Carter Street.

Scranton, Pa.
4 and 6 Dock Ash Place.

Milwaukee, Wis.
93 W. Water Street.

Albany, N. Y.
9 and 11 Green Street.

London, Eng.
99-101 Farringdon Road, E. C.

Philadelphia.
1818-1832 N. 10th Street.

Baltimore.
1413-1415 W. Conway Street.

Kansas City, Mo.
1323 Union Avenue.

Newark, N. J.
122-124 Lilly Street.

Cincinnati, O.
918 Sycamore Street.

Cleveland.
99 Woodland Avenue.

Columbus, O.
133 S. Front Street.

Omaha, Neb.
1013-1015 N. 16th Street.

Indianapolis, Ind.
33 S. Delaware Street.

Louisville, Ky.

Denver, Colo.
1427 Wynkoop Street.

San Francisco, Cal.
201 Market Street.
The Home of the 57

American Agencies

Atlanta, Ga.
Salt Lake City, Utah.
Portland, Ore.
Los Angeles, Cal.
Seattle, Wash.
Spokane, Wash.
Tacoma, Wash.

Foreign Agencies

Paris, France.
Brussels, Belgium.
Hamburg, Germany.
Rotterdam, Holland.
Barcelona, Spain.
Montreal, Canada.
Toronto, Ontario.
Vancouver, British Columbia.
Sydney, Australia.
Brisbane, Australia.
Adelaide, Australia.
Melbourne, Australia.
Fremantle, Australia.
Wellington, New Zealand.
Honolulu, Hawaii.
Manila, Philippines.
Hong Kong, China.
Shanghai, China.
Yokohama, Japan.
Kobe, Japan.
Cape Town, South Africa.
Port Elizabeth, South Africa.
East London, South Africa.
Johannesburg, South Africa.
Pretoria, South Africa.
Durban, South Africa.
Havana, Cuba.
Hamilton, Bermuda.
San Juan, Porto Rico.
Buenos Ayres, Argentine.
Barranquilla, Columbia.
Guayaquil, Ecuador.
The Home of the 57

Branch Factories

Aspinwall, Pa.
La Porte, Ind.
Hicksville, L. I., N. Y.
Muscatine, Iowa.
Holly, Mich.
Saginaw, Mich.
Holland, Mich.
Medina, N. Y.
Norfolk, Va.
Grand Rapids, Mich.

Glass Factories

Sharpsburg (suburb of Pittsburgh).

Salting Houses

Aspinwall, Pa.
La Porte, Ind.
Walkerton, Ind.
Plymouth, Ind.
Hicksville, L. I.
Muscatine, Iowa.
Kewanna, Ind.
Holly, Mich.
Grovertown, Ind.
Saginaw, Mich.
Cutchogue, L. I.
Holland, Mich.
LaPaz, Ind.
Monterey, Ind.
Ripon, Wis.
Hamilton, Mich.
Burlington, Ont.
Sparta, Wis.
Jamesport, N. Y.
Stillwell, Ind.
Zeeland, Mich.
Bourbon, Ind.
East Saugatuck, Mich.
Donaldson, Ind.
Hudsonville, Mich.
Tippecanoe, Ind.
New Era, Mich.
Whitehall, Mich.
Tyner, Ind.
Sparta, Mich.
Grand Rapids, Mich.
Coopersville, Mich.
Fremont, Mich.
Capac, Mich.
Argos, Ind.
Norfolk, Va.
Holton, Mich.
Reese, Mich.
Big Rapids, Mich.
West Olive, Mich.
Lucas, Mich.
Nunica, Mich.
Reed City, Mich.
Leiters Ford, Ind.
Waynesboro, Miss.
Clarkton, N. C.
Tomah, Wis.
Portage, Wis.
Grant, Mich.
Evart, Mich.
Lakeville, Ind.
North Liberty, Ind.
Wooster, Mich.
Fruitdale, Ala.
Williamsburg, Va.
Toano, Va.
Burkeville, Va.
Blackstone, Va.
Poynette, Wis.
Winona Lake, Ind.