

Olivetti of Ivrea

by Deborah Allen

A student of character, regarding the radiant countenance of an Olivetti calculator, might guess that it stands for more than a progressive design program. How much more was shown by an exhibition of Olivetti designs held at the Museum of Modern Art in New York this fall, which included not only the office machines that are Olivetti's legitimate product, but advertising brochures, shops, a housing development, a factory, and even a nursery school. The museum urges the American manufacturer to go out and do likewise, but it will not be easy. Olivetti's designs are only one facet of a thoroughly remarkable corporate personality, and the product of circumstances that do not naturally combine in the United States.

The Olivetti Company was founded at Ivrea, Italy, in 1908 by Camillo Olivetti, an engineer and a humanist, who designed a good typewriter and saw that the eight or so men in his early employ made it well. A good product, good manufacturing, and good human relations were the foundations on which Camillo Olivetti built his company. His first typewriter was big, black, shiny, and bristling with importance, and in the next 37 years, despite mechanical improvements, the Olivetti standard typewriter remained big, black, and shiny.

The man who perceived good design as an essential element of a good product was Camillo's son Adriano, who became president of the company when his father retired in 1938. As his father was, Adriano is an engineer and a humanist, and like many an Italian before him he is a patron of the arts. But for Adriano Olivetti the arts are not an avocation. His patronage

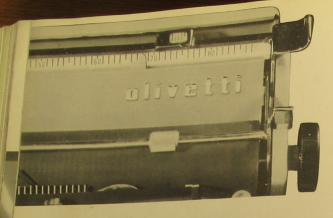
is dispensed through the family company, and it is this that gives the Olivetti designs their unique character.

The term "integrated design" that is sometimes used to describe the over-all excellence of Olivetti's designs suggests that the company has a set of rules adding up to a design program. In fact, such integration as there is derives mainly from the singular high taste of Adriano. His brother Dino, head of Olivetti in the United States, describes the company's activities as "coherent," meaning that Olivetti's effort to obtain the best in every field gives the visual aspect of its work a definite character.

Marcello Nizzoli, an architect, is the man chosen to make the appearance of the machines as perfect as their performance. Nizzoli is not supposed to be either an efficiency expert or a salesman, and in the terms of the American industrial designer his job is confined. His job, quite simply, is to provide an expressive shell for a mechanism designed by Olivetti's engineering departments. Although his aesthetic judgment is unquestioned, he has little influence over the working of the machines and their internal arrangement. The bones are engineered; the flesh is sculptured. When you remove the sculpture to clean the mechanism you are surprised to find Camillo Olivetti's machine almost unchanged in appearance-black, shiny, and gaunt. In the United States, where the professional industrial designer can generally go more than skin deep such contrasts are less likely. But that Olivetti's division of labor is reasonable is testified by Olivetti's machines, which can be judged as pure designs.

the product

Top to bottom



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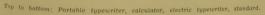
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the product

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The illustrations above and at left show the Lettera 22 portable typewriter.

In the hands of Nizzoli the vacuous compound curves that seem to characterize modern stamped metal are draws has limpid curves or lines of tense angularity. Often soft such harsh curves or outlines slightly at variance are seemles each other, making a counterpoint that is at its clearest the profits of the Summa 14, shown on the following page.



The Lexicon 80 office typewriter is an outstanding exempts of Nizzoli's ability to give the metal hood that him complicated mechanism a shape of some importance. Sure a hood of this sort seldom reveals anything important is what is beneath it, it is virtually a problem in scalping



The photographs and diagrams on this page are from the instructions prepared by the Olivetti Company to explain various office machines.

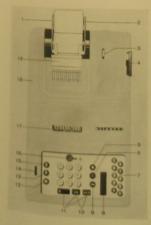


The Summa 14, an electric adding machine introduced in 1947, was the first Olivetti product designed by architect Marcello Nizzoli.





The hand adding machine was introduced in 1949. Like all the calculators, its brightly colored keys are set out on a field marked off like a game board.



The printing calculator, most versatile of Olivetti's calculators, records multiplication and division with simpler operations.









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The Summa

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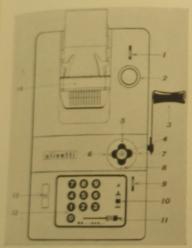
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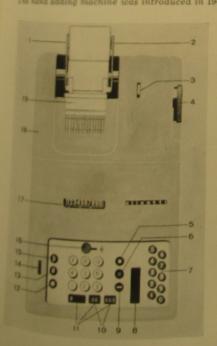


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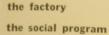
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Adriano Olivetti, son of the founder of the Olivetti Company and its president since 1938. He is a chemical engineer by training, a human, is by interest, a student of the arts, founder of a publishing house that issues books and magazines on political, social, architectural, and technical subjects.



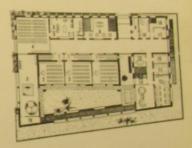
The north side of the factory is sheathed in a double wall of glass 350 feet long enclosing a series of vertical lowers in an insulating air space about a foot deep. The concrete skelton shows through it more clearly than this photograph indicates. A west-facing wing built in 1950 (below) has a frame of fixed lowers outside the double glazing. At left, a view of the offices; below it a ramp on one side of the skylit court.



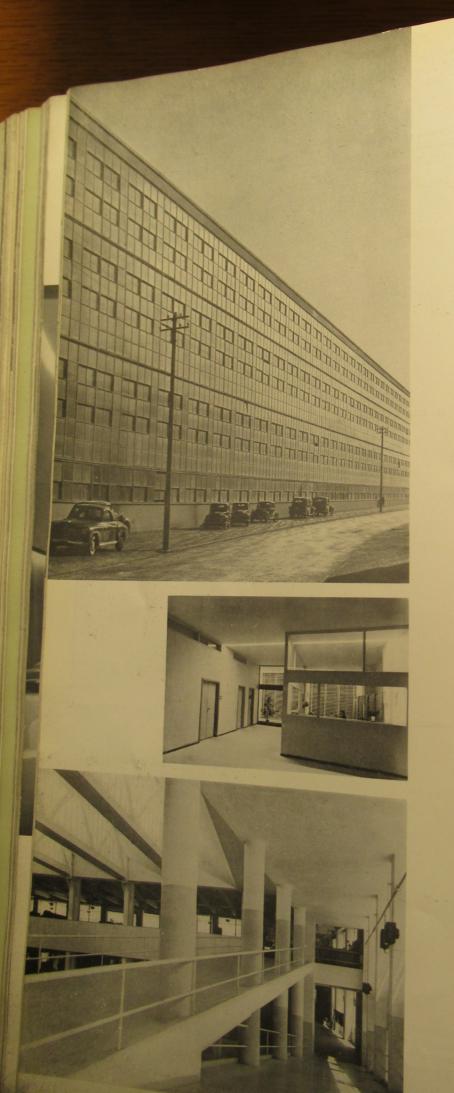


Below: recent apartment houses by A. Fiocchi of the Olivetti architectural office and M. Nizzoli, like the earlier Figini and pollini buildings, are an array of private houses, each with two exposures and its own balcony. These were built in 1930-51.











Adriano Olivetti, son of the founder of the Olivetti Company and its president since 1838. He is a chemical engineer by training, a humanist by interest, a student of the arts, founder of a publishing house that issues books and magazines on political, social, architectural, and technical subjects.

the factory the social program

The north side of the factory is sheathed in a double wall of glass 350 feet long enclosing a series of vertical louvers in an insulating air space about a foot deep. The concrete skeleton shows through it more clearly than this photograph indicates. A west-facing wing built in 1950 (below) has a frame of fixed louvers outside the double glazing. At left, a view of the offices; below it a ramp on one side of the skylit court.

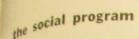


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for the Olivetti family good human relafor use as basic to business as a good product, and good human relations conproducts con-Adriano Olivetti is specifically interested in city planning. As luck would have it he has been able, and even obligated, to plan a city. The housing shortage in Italy has been so acute since the war that a law has been passed requiring every corporation to set aside a certain amount to finance government housing projects. Government building alone does not solve the problem, however, and although Olivetti as a matter of policy tries to keep its wages 10% above the average, like many Italian companies it finds it desirable to help the workers in other ways.

The character of Olivetti's modern building was established by Figini and Pollini. who started work on a new factory, a nursery school, and a group of apartment houses in the late thirties. The nursery school was planned for the children of working mothers, who are given a vacation with full pay until the children are eight months old and may then entrust them to the Olivetti nursery until they are six years old and ready for town schools. It is a building of classic proportions soberly placed on a stone platform above the road. Generous detailing and the rich plasticity of its arrangement around a protected playcourt do more than applied ornament could to give it a sympathetic character. On two sides of the court there are schoolrooms, a large playroom, and a refectory. The third wing is equipped for nursing and weaning babies. On a hill behind the school, reached by a ramplike walk, is a stone play pavilion leading to gardens, a solarium, and a pool.

A courtyard also lies at the center of the Figini and Pollini factory, but it is an interior court, roofed by great saw-tooth kylights and serving simply as an open space to provide light and circulation, and occasionally as a hall for such civic tyents as union meetings or concerts. On the street

(Continued on Page 148)





A variety of architects and mural painters have worked on Olivetti shops. Most of the recent ones are the work of Gian Antonio Bernasconi, including those at Forli (left, above), Brussels (right, above), and Savonia (below).

the shops



The Olivetti shop in Rome was designed by Ugo Sissa in 1946. The mural is by Renato Guttuso. The stair hall below is in the shop at Brussels.







the social program

For the Olivetti family good human relations are as basic to business as a good product, and good human relations conern both the customer and the employee. Adriano Olivetti is specifically interested in city planning. As luck would have it he has been able, and even obligated, to plan a city. The housing shortage in Italy has been so acute since the war that a law has been passed requiring every corporation to set aside a certain amount to finance government housing projects. Government building alone does not solve the problem, however, and although Ofivetti as a matter of policy tries to keep its wages 10% above the average, like many Italian companies it finds it desirable to help the workers in other ways.

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the advertising

Just as Olivetti's buildings express a belief in the human importance of factory workers, the company's advertising makes explicit the regard for office workers as human beings that is implied in the elegant and cheerful machines. Again and again the advertisements emphasize the human tasks that the machines can accomplish — in the finger-worn beads of the abacus, the nightmare array of numbers, the singing bird.









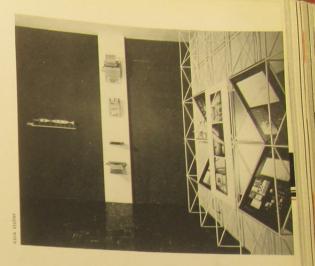
Olivetti Summa 15

On this page are examples of the work of Giovanni Pintori, Above: a poster, two covers of booklets, as edvertisement. Right and below: a group of displays. Across the page: an Ollisetti biliboard.









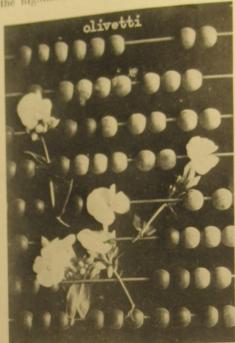
Above: Leo Lionni's installation of the Olivetti exhibition at the Museum of Modern Art.



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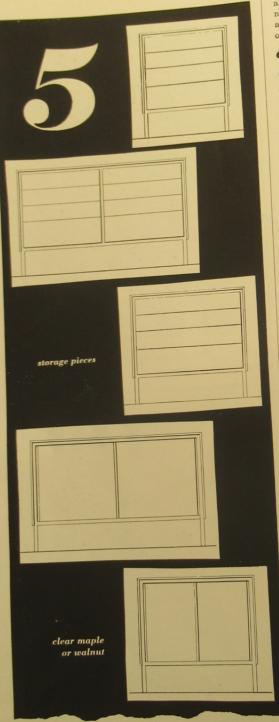






the Lee Lionni's installation of the Olivetti exhibition at the Museum of Modern Art.





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and chairs at Molla; some leaf-and-floral bedecked iron numbers from Florentine Craftsmen; and Gallo's dining and seating pieces that combine birch with black, white, or colored iron—to single out a few.

Olivetti

(Continued from Page 109)

the factory's sturdy concrete frame is exposed through an the factory's sturdy controlled the factory's study controlled the factor elegant glass lacade long.

The Figini and Pollini apartment houses follow two plans. The Figini and Forming apartments are three-story villas. The three-bedroom apartments are three-story villas. The three-bedroom appearance three-bedroom villas strung together like row houses. Each apartment has its strung together like 100 has its own garden, and private stairs make corridors unneces. own garden, and private state through ventilation, sary, so that every apartment has through ventilation, sary, so that every apartments are spread out on one floor of similar Smaller apartments are special to stairs leading to just two three-story blocks, apartments on every floor again make cross-ventilation apartments on every not below the types of houses, individual apartments possible. In both of the balconies and vertical wing walls, are clearly oddined by Canvas curtains and horizontally slatted wood blinds at Canvas curtains and horsested wood blinds at the windows that every householder arranges as he wishes encourage the impression of a series of private homes stacked up as a small community.

Adriano Olivetti's aim has been to build at Ivrea a community coherent in all its functions. It is a beautiful aim, yet in this country, despite the abundance of students of city planning, such an idea is slightly suspect. Do we want the shape of society to be dictated by the employer—or for that matter by any socially-minded individual? Apparently such doubts have occurred to Olivetti. It is interesting in this connection that one of the workers' unions destroyed a tentative form of profit-sharing plan. So far





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Olivetti

(Continued from Page 109)

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as the planning of individual housing units goes, there have admittedly been mistakes, and recent buildings have been modified from an architect's pure answer to a been modified in order to fit the habits and descent been modified from an architects pute answer to a socio.

logical problem in order to fit the habits and desires of the people of Ivrea.

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the people of evreated to the idea of presenting a ready, Olivetti is not devoted to the teta of presenting a ready, made society to its employees. Today its housing program made society to its employees. For any as nousing program is directed to those who will not, or cannot for lack of themselves. But the company trice is directed to those who all the company tries to end funds, house themselves. But the company tries to end funds, house themselves. funds, house themselves of a quality that competes to encourage private building of a quality that competes with courage private building of a quanty that tompetes with its own projects by offering loans and its own unparalleled its own projects by offering loans and its own unparalleled its own projects. its own projects by offering to the wind unparalleled architectural services to employees who desire them, architectural services to employees who desire them. Thus architectural services to empty of them. Thus Olivetti tries to use its inevitable power over the lives of influence toward the natural Olivetti tries to use the lives of its people as a good influence toward the natural evolution of an industrial society.

Frank Lloyd Wright

(Continued from Page 116)

right idea in the right circumstances. Then by the instinct right idea in the right that its taste carry the expressions of life we call art as that its taste carry the things beautiful as you please, beautiful as y high in the scale of the how to make them. God knows how beautiful buildings can be made now, as compared with beautiful buildings or yet to stand inspired with those either standing by any erudite trifling with outworn, out-moded traditions, what

In the meantime, what great creative work have we to show as an actual working basis for the life which we have led or as proof of its validity? Not much. No, it was truly an escapist life we have led. We will find there in that life just application of the word "escapist" if the word has any meaning at all. All of our culture has been this poor second-hand attempt to, on the left or on the right, escape from the actualities of existence by



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as the planning of individual housing units goes, there have admittedly been mistakes, and recent buildings have been modified from an architect's pure answer to a sociological problem in order to fit the habits and desires of the people of Ivrea.

Olivetti is not devoted to the idea of presenting a readymade society to its employees. Today its housing program is directed to those who will not, or cannot for lack of funds, house themselves. But the company tries to encourage private building of a quality that competes with its own projects by offering loans and its own unparalleled architectural services to employees who desire them. Thus Olivetti tries to use its inevitable power over the lives of its people as a good influence toward the natural evolution of an industrial society.

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(Continued from Page 116)

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