

Sperry New Holland Dedicates Engineering Center

A new worldwide Engineering Center dedicated by Sperry New Holland on Saturday, September 7, uses computers to aid in designing modern farm and industrial equipment.

With the computers in the center, the company's engineers are able to test new ideas before they leave the drawing board. They pinpoint areas of stress on a proposed machine and solve complex mechanical problems prior to the first prototype or model being constructed.

While the computer will never replace men's ideas in designing new and better machines, Sperry New Holland engineers say they do offer a better chance of choosing alternatives in design that will do the job best.

Another feature of the center is the stress coat room where prototype machines are painted with a special lacquer. It dries to a hard, brittle finish and during field tests, stress patterns in the lacquer coat appear as patterns of cracks and reveal just where the

most stress is located while the machine is working.

In the mechanical laboratory, engineers work with a "semi-anechoic cell" or what may be better known as the "noise room". The walls and ceiling of this room absorb almost all noise emitted by a running machine. The lab technicians can then easily pinpoint where unsatisfactory noises are coming from and take corrective measures.

At the official dedication of the center on Saturday, H. G. McCarty, vice president and general manager, North America, told visitors how the company searched long and hard for a building design that would keep engineers close to their tools, files, legal aids, and experimental workshop—all at the same time. This was accomplished, he said, using a "King Arthur roundtable" concept in the floor plan of the building.

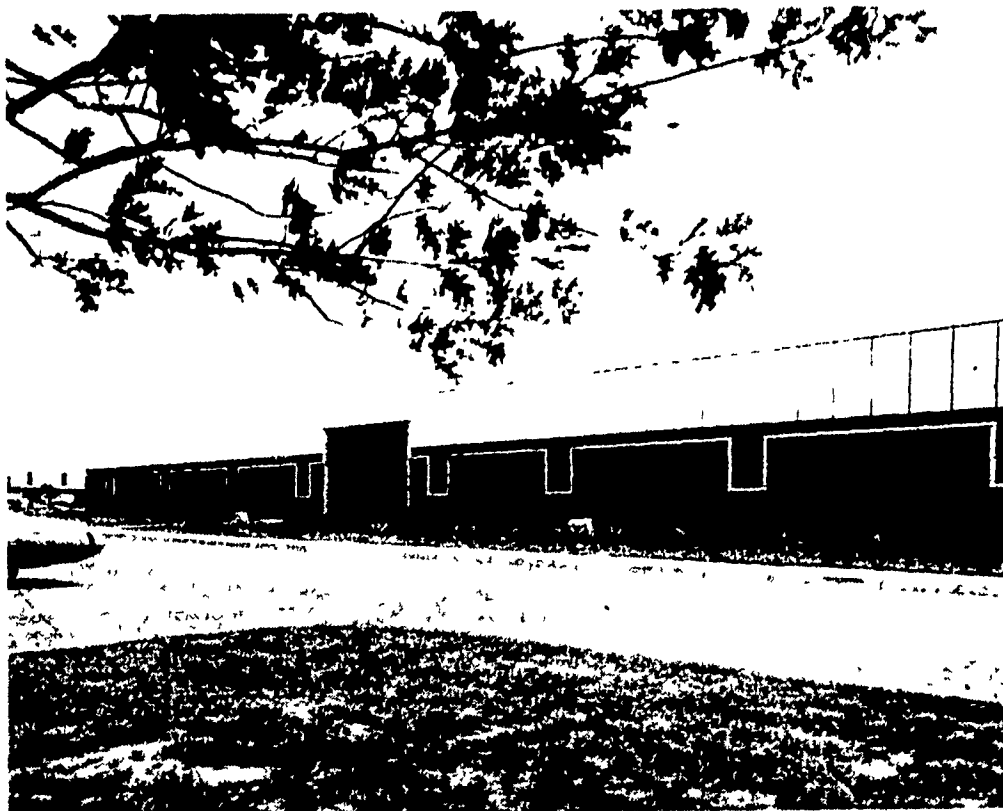
Melvin Happe, vice president for Engineering, welcomed visitors to the new Engineering Center and said he hoped after seeing the building people could better

understand the years of planning and testing that are required before a new piece of equipment can be produced for selling.

Happe noted that testing facilities within the Engineering Center enable technicians to simulate weather and crop conditions as well as different terrains from around the world, right in a laboratory setup.

The president of Sperry New Holland, Kenneth F. Thompson, cited some of the engineering firsts developed by the company from the first successful, mass produced hay baler to an industrial tility loader that actually reaches forward as it raises its load.

"I am excited about this new Engineering Center," Thompson said, "because I believe the machines of the future that will be designed in this building will far exceed our wildest imaginations and will help farmers around the world to do their job faster and more efficiently."



Sperry New Holland recently dedicated their new worldwide engineering center which uses computers to design modern farm and industrial equipment.

Controlling Cockroaches

by David A. Hart
Asst. Co. Agent, York
This warm, wet summer has been favorable for

cockroaches, and we have been getting several inquiries about them. The German cockroach is the most common one in Pennsylvania. It is a brown roach about 1/2" - 3/4" in body size in the adult stage. It can be readily brought into the house by way of infested cartons.

Another type of cockroach found in and around the home is the brown-banded cockroach. It can be easily recognized by the light-colored bands across its body. The brown-banded cockroach is difficult to control because unlike the German cockroach, they will be found all through the house including bedrooms.

Both of the above roaches can be controlled with the ant and roach insecticides found on the market. These insecticides should contain one of the following ingredients: DDVP and

Dieldrin, pyrethrins and chlordane or Baygon. Repeated applications may be necessary where infestations may persist.

Another important roach pest is the oriental cockroach. This black cockroach reaches the size of about one inch. It is often seen around the foundation of the house and in basements this time of year. Because this cockroach keeps on invading the house from the outside repeated sprayings may be necessary to keep them under control. Another helpful tip would be to use chlordane on the ground about 10 feet out around the house as well as using the ant and roach sprays mentioned above inside the house.

If you have any questions please feel free to contact the Agriculture Extension Office, Court House, York, Pa. (848-2101).

Grand Opening Farmersville Auction

There will be a grand opening of the Farmersville Auction on September 17th beginning at 5:00 p.m. in Farmersville RD2, Ephrata.

John Rutt, Auctioneer reported that the grand opening will include a sale of antique furniture and dishes with a grand prize to be

awarded at the end of the sale. Also there will be prizes offered every hour.

Before the new auction was constructed, auctions were held in a near by building for two years.

Free coffee and donuts will be available throughout the sale.



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