

CAMERA *Angles*

By IRVING DESFOR

AP Newsfeatures

COLOGNE (AP) — The Leitz company, famed for its Leica cameras, has entered the home movie field for the first time.

Its 8mm motion picture camera was one of the features of Photokina 1960, the world's biggest photo fair, held every two years on the banks of the Rhine.

Leitz introduced two uniquely designed cameras with fully automatic, electric-eye operation, reflex through-the-lens viewing and focusing, a battery-powered motor drive. The new cameras are the Leicina 8S which accepts interchangeable lenses via a plug-in bayonet mount; the Leicina 8V, a zoom camera with an f-1.8 varifocal lens whose unprecedented range from 8 to 48mm is a magnification of six times.

The unusual 13 - element zoom lens is a joint development with the Jos. Schneider lensmaker and will be available for other 8mm movie cameras in a C-mount.

Both Leicinas feature a radically different body design with a folding hand grip, thumb-operated release button, and a steady-bar to be pressed against the forehead to prevent camera motion, especially in panning.

Leitz also unveiled the world's fastest wide-angle lens. It's an f-1.4 35mm Summilux to be produced by their Canadian subsidiary for the Leica M2 and M3.

Another firm that made news at Photokina 1960 was Franke & Heidecke, makers of the well known Rolleiflex, Automatic elec-

tric-eye operation which invaded the 35mm camera field, will now appear on the 2 1/4 x 2 1/4 twin-lens reflex camera in their new Rolleimagic 6x6. Filter factors are coupled with the automatic exposure control mechanism. For flash or time exposures, however, the camera is shifted from automatic control. Normally 12 pictures are produced but with a mask, the camera yields 16 pictures: 1 1/2 x 2 1/2 or 1 1/2 inches square.

The firm also branched out into another field by producing its first slide projector — the Automatic Universal Rolleiprojector. It's the first machine that will

cameras of different sizes or who may change their camera in the future and for schools or camera clubs which have to show slides from many sources.

Zeiss - Ikon's contribution was aimed at making it easier for those photographers who find it necessary to change film types while shooting — from color to black-and-white or from slow to fast film, etc. They came up with a workable interchangeable magazine back that fits their Contarex and Contaflex cameras. Changing to a different back with another type of film is accomplished without losing a frame and lets one camera take the



SHUTTER BUGS: What's the first thing photo columnists do when they attend an international camera fair? Why they take pictures of each other, as this group is doing upon arrival in Cologne for Photokina 1960.

accommodate all slide sizes in any type of mount arranged in any order. The mixed group can be shown in any forward or reverse sequence automatically or by remote control.

The design innovation which makes these features possible is the use of two different slide magazine tracks on the same machine. One holds the larger size slides and the other holds the smaller slides.

This projector is good news for camera fans who have several

place of two or more without sacrificing film.

They also uncovered — literally — the largest piece of precision optical glass attached to a miniature camera that I've seen for some time. It was a 500mm f-4.5 Zeiss mirror objective lens. This is an extremely long focal length and unusually high speed for a 35mm single lens reflex camera, I have been told. It would be great for taking sports or nature study pictures in poor light.

Slow Student Camp Talked

CHICAGO (UPI)—Students who will not or cannot learn should be allowed to drop out of school, many educators believe.

A poll of school superintendents by The Nation's Schools showed 73 per cent of them to be against compulsory attendance at school until the age of 18 or the completion of 12 full grades of school. Sixty one per cent of the administrators polled would permit students to drop out of school after their 16th birthday.

A Michigan superintendent who would permit students to drop out at 14 suggested placing them in a type of work camp. "I visualize something on the order of the old CCC (Civilian Conservation Corps) camps," he said.

Educators against compulsory school attendance up to the age of 18 called it a waste of time both for the schools and the students.

"Forcing students with no interest in school to remain there does not assure their making good use of the opportunities," a superintendent from Pennsylvania said.

An Illinois administrator termed compulsory attendance for these students a waste of the schools' efforts and a hindrance to the proper education of those who want to learn.

A Vermont administrator summed up the feelings of educators in favor of requiring 12 full grades of schooling for everyone. "We must provide an education for all youth," he said. "Each child should complete a high school course tailored to need, adaptability and capacity."

Some educators favoring a compulsory 12 years of school, however, suggested that it provide technical training for those with low academic achievement.

Seamount In Ocean Probe

SEATTLE (AP)—The peak of a submerged mountain in the Pacific Ocean will serve as an anchor for a scientific instrument designed to probe the secrets of the deep.

A "telemeter buoy" will be fastened to the summit of the Cobb Seamount, a 9,600-foot mountain which lacks 100 feet of reaching

the ocean surface. It is 270 miles off the Washington coast.

The project is made possible by a grant of \$207,100 to University of Washington scientists by the National Science Foundation.

Sending its scientific data by radio, the buoy will measure salinity, temperature and velocity of the sea. It also could be adapted to transmit meteorological information.

GREAT WALL OF TILE

NEW YORK (UPI)—At least 10 per cent of all ceramic tile produced in 1959 will be used on building exteriors, says Tile Council research director Dr. J. Vincent Fitzgerald. That would be about 24 million square feet — enough to cover a wall 100 yards high and 15 miles long.

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By ANDY LANG

AP Newsfeatures

Question: I expect to refinish a bedroom floor soon and plan on using shellac, followed with paste wax. I have a portable waxing machine. Since this is the first time I will be using shellac, what advice can you give me?

Answer: We'll assume from your remark about refinishing the floor that you are taking it down to the bare wood before applying the shellac. One of the important things in the use of shellac is that it should not be used as it comes from the can or jar. It should be mixed with denatured alcohol in various proportions, depending on where it is being applied. For your purpose, about half a pint of alcohol to one quart of shellac will be about right. Incidentally, use a good quality denatured alcohol and don't let anyone talk you into using a cheaper substitute that he claims is "just as good." You should apply two coats of the shellac. While the first coat will appear to be dry in an hour or so, the second coat should not be applied for three or four hours. The shellac should be put on in a room where the temperature is about 70 degrees fahrenheit—and it should not be applied on a day when it is raining or the humidity is very high. In putting on the wax, remember that two thin coats are much better than a single thick one. How often the floor will have to be waxed after that will depend on how heavy the traffic is. The time period can range from as often as once a week to as little as once a year. Generally, about once every three months will do. Also, at least once a year, the old wax should be removed and new wax applied.

Questions of general interest will be answered in this column. However, Mr. Lang cannot undertake individual correspondence.)