

RED TOPICS

Beautiful Texture with
Spray On Plaster . . . page 5

Belt Hanger Conquers Clip Tangle . . . page 2

Demonstration Truck Sells Lath & Plaster . . . page 3

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*New package
and CLIP-STIK
help contractors
clip lathing time*

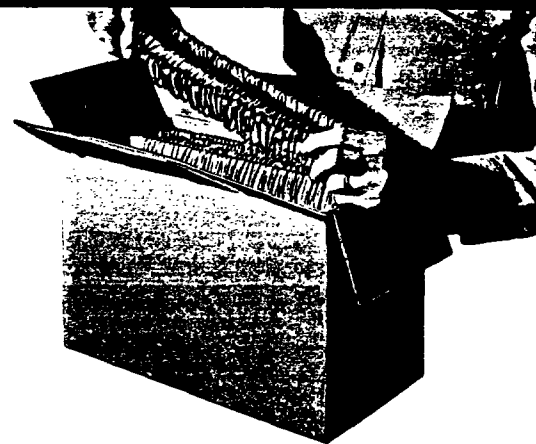
Now TRUS-LOK clips are kept in orderly alignment from factory to framing, thanks to a new system of packaging and the ingenious, time-saving CLIP-STIK. Cartons of jumbled, snarled lathing clips are a headache of the past.

The new package contains 1000 clips aligned in 20 rows of 50 each, and an expendable CLIP-STIK. While in the carton, cardboard inserts run through the loops to hold clips in line. The CLIP-STIK prongs are slipped through the clip loops as the inserts are removed. Then the CLIP-STIK hooks onto the lather's belt, putting a load of clips within easy reach, and in perfect order.

For the lathing contractor, the new system of handling and packaging means savings in job time, further reducing the cost of TRUSSTEEL stud partitions. A tangle-free clip is a faster clip for the man on the job.



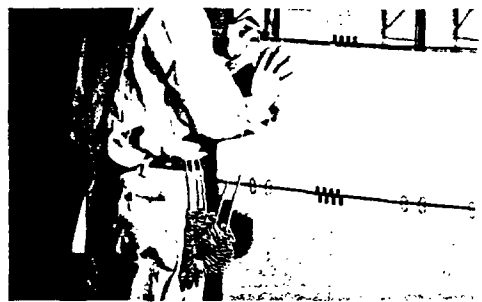
CLIP-STIK LOADING is a simple procedure. As the ends of the CLIP-STIK are inserted at one end of the clip row, the cardboard brace is removed from the opposite end leaving clips aligned on the metal prongs.



NEW PACKAGING SYSTEM keeps TRUS-LOK clips in neat, well-aligned rows free from tangles. Cardboard inserts in each row allow the lather to slip 50 clips at a time on the CLIP-STIK. Each carton of 1000 clips contains a CLIP-STIK.



INDIVIDUAL CLIPS may be removed easily with either hand by simply lifting them free of the prongs. The action is faster and easier than picking clips from a box or apron.



READY FOR ACTION, the CLIP-STIK has been crimped slightly to keep the clips in place, then hung over the lather's belt. Single-piece construction and solder-tipped ends eliminate the possibility of snagging flesh or clothes on the CLIP-STIK.

RED TOPICS, the magazine of lathing and plastering
200 W. Adams Street, Chicago 6, Illinois

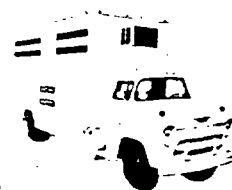
a **UNITED STATES GYPSUM** publication

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F. W. Goessling, Art Director

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*Lath and plaster sales demonstrations now
come to architects and builders on wheels.*

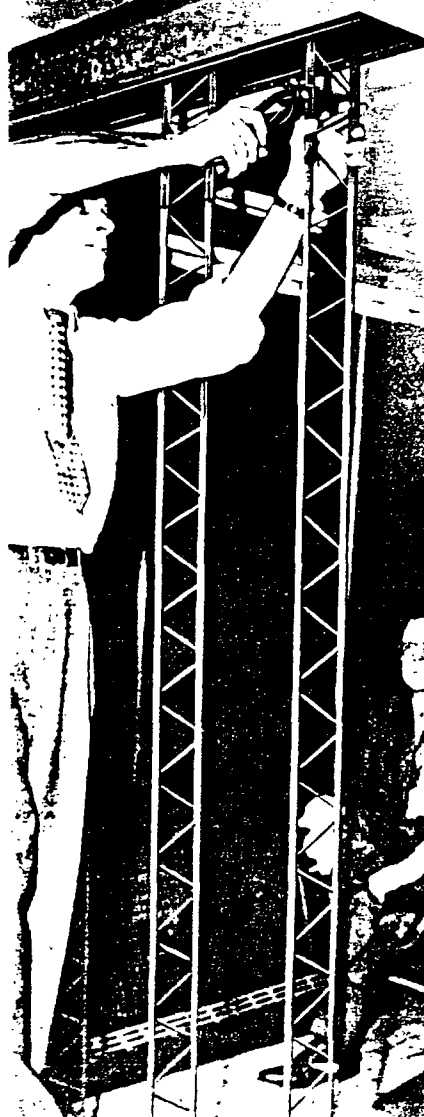
U.S.G. has launched its new



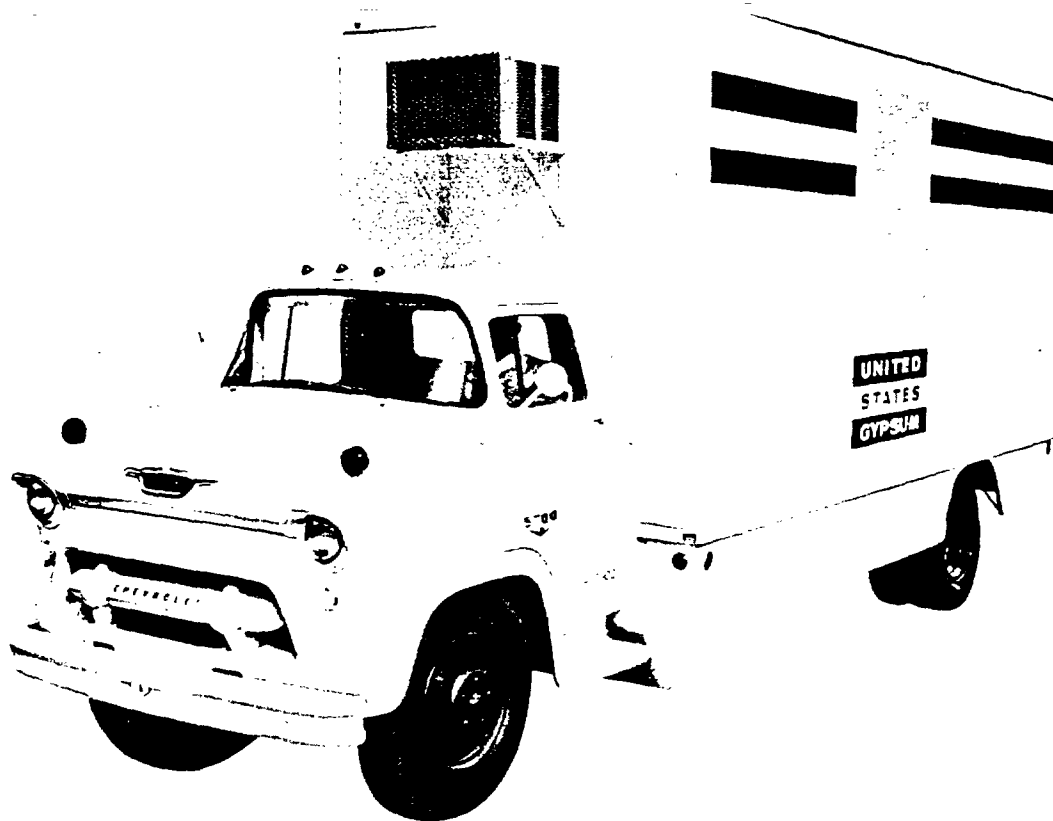
how-to-do-it truck of better partition systems

FULL SIZE demountable and cut-away partitions demonstrating the advantages of lath and plaster in class A construction are now on wheels and will be parked on the doorsteps of architects, specification writers and builders in all parts of the nation.

U. S. Gypsum's new partition-demonstration truck is on its maiden cruise through West Coast states. It will be parked in downtown parking lots of major cities, and leading architects and contractors of each area will be invited to attend demonstration meetings there. One entire side of the truck opens to form a canvas-enclosed auditorium which will seat more than twenty people. The auditorium will be cooled or heated as the climate



PARTIAL VIEW of the interior of the mobile demonstration unit in action. It will seat more than 20 people in air-conditioned comfort. The demonstrator is starting the erection of a 140 S&P stud, Rocklath and plaster partition.



demands by units independent of outside power sources.

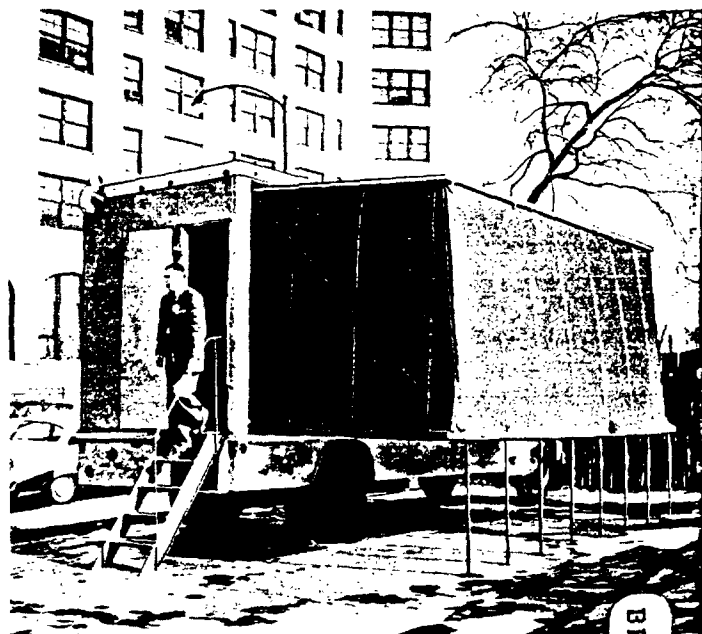
The new "How-to-do-it Truck for the building trade" is equipped so that the TRUSSTEEL stud, ROCKLATH base and plaster partition can be erected before the eyes of the audience to the point where it is ready for plaster. This includes full sized door bucks set in the partitions. In the past two years the advantages of these partitions have caused many architects to revise their specifications from painted masonry to lath and plaster for their

class A buildings. The mobile demonstration unit is designed to further stimulate this trend.

Several other partition systems and ceiling assemblies are also demonstrated in the truck, including BRACETITE-channel ceilings and the exterior wall furring brackets.

Arrival of this powerful new selling tool for lath and plaster in your city will be heralded by United States Gypsum salesmen.

CONVENIENT downtown parking lots will be the site where, with the aid of the mobile unit, U.S.G. men will demonstrate advanced methods of lathing and plastering to architects and contractors. The truck "auditorium" is shown outside a hotel receiving a group of guests.



Photographs in this issue by Robert Lautman, Washington, D.C.; Krantzen Studios, Chicago; Hedrich Blessing Studios, Chicago and Julius Shulman, Los Angeles.

*Spray finish machines
and new spray-on plaster
offer the industry new
concepts of*

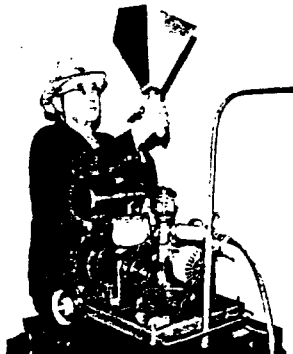
texture and speed

SPEED AND BEAUTY are a part of machine application of finish plaster—especially acoustical plaster. The ceilings of these new offices of the Perpetual Building Assn., Bethesda, Md., are finished with machine-applied AUDICOTE acoustical plaster. This material is made specifically for spray-on application, and the resulting texture is especially even and consistent in beauty.

The skill of any journeyman plasterer can achieve a highly satisfactory job. If a small area of plaster should be damaged by workmen either before or after it has set, a couple of passes of the spray gun will conceal the imperfection with a "fill-in" of AUDICOTE.

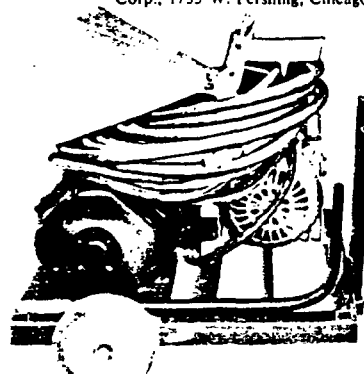
This surface will retain its acoustical properties through several paintings. As easy as painting, however, is the process of spraying another surface layer of AUDICOTE over the first, when the original is soiled.

FRED CHRISTIAN, plasterer and inventor, shows his small hand type spray gun made especially for acoustic and other finish work. The device, known as the Plaster-TEX, has a stainless steel hopper, an adjustable slide type air stem and is said to be non-clogging. It is available with electric or gasoline power. Information from Fred Christian, 45 Fifteenth Ave. No., Fargo, N. D.



R. FLOYD JENNINGS, plastering contractor

E-Z-TEX PORTABLE SPRAY handles finish jobs with sand finish or acoustic plaster. It also handles exterior stucco finish. Manufactured by E-Z-On Corp., 1735 W. Pershing, Chicago 9, Ill.



Continued research in mechanical plastering

has led several manufacturers to introduce

improved plastering machines

WITH the idea of plastering by machine firmly established, new models with improved features are being introduced by the leading manufacturers. A major aim of the newer machines is to serve up plaster that is sand-mixed or partially sand-mixed. Portability is another, as is ability to deliver plaster through a long hose so that considerable area can be plastered with minimum movement of the machine. Increased and simplified control of the plaster flow by the operator has also been achieved on most new models.

Plaster-Master

The Plaster-Master now comes in three models to accommodate a variety of plastering operations. All have a pole-type gun with a long reach, and feature an advanced design stator with extra long life.

Model A, with a pump output capacity of $\frac{1}{2}$ cubic feet per minute is designed for all types of finish plastering: acoustic, sand finish, interior and exterior stucco. It can produce a variety of textures. It works especially well with AUDICOTE, the new spray-on acoustical plaster by U. S. Gypsum. It has a three-cubic-foot hopper, is powered by a $\frac{1}{2}$ -h.p. one-cylinder gasoline engine or a $\frac{1}{2}$ -h.p. electric motor, and comes with 35 feet of $\frac{3}{4}$ -inch plaster hose. Price, complete, gasoline powered: \$1095; electric powered: \$1140.

Plaster-Master improved model B handles basecoat plaster mixes which include half sand, half lightweight aggregate, as well as exterior stucco finish, and interior sand finish. A heavy-duty hydraulic drive provides complete control of pump speed from 0 to the maximum capacity of one cubic foot per minute. A pneumatic control system gives the operator at gun head complete control. The same machine is also available with direct mechanical drive with two speed settings achieved by shifting a belt. Outfit includes self-contained six-h.p. engine (five-h.p. on mechanical drive machine) and 50 feet of one-inch or $1\frac{1}{4}$ -inch hose. Price: model B with hydraulic drive, \$2295; with

mechanical drive, \$1895 f.o.b. Los Angeles, California.

Plaster-Master's model C is a $3\frac{1}{2}$ -cubic foot per minute machine with a ten-foot hopper. It is self-contained on a trailer type chassis for highway towing. It has a unique pneumatic system for instant control at the gun head. Tube extensions on the head make it possible to finish ceilings up to 14 feet from the floor. The machine is also capable of fine textured finish coats as well as applying basecoat material. It can handle plaster mixes containing half sand, half lightweight aggregate, as well as total lightweight material. Model C includes a two-cylinder, 15 h.p. gasoline engine, and is shipped with 65 feet of $1\frac{1}{2}$ -inch hose. Price: \$3127. All prices are f.o.b. Los Angeles. Further information is available from Santa Anita Mfg. Corp., 2828 Newell St., Los Angeles 39, Calif.

E-Z-On

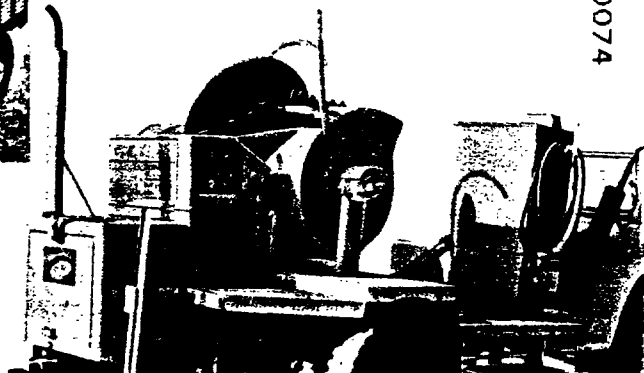
New models of the E-Z-On plastering machine offer variable speed control, greater capacity than former models, and a choice of power sources. The latest gasoline-powered model separates the power unit from the gun. The latter is operated hydraulically, and may be as much as 100 feet away from the power pack. The power unit contains a four-cylinder gasoline engine, air compressor, and hydraulic pressure source. This new machine will deliver as much as two cubic feet of plaster per minute, and its 36-inch high hopper holds eight cubic feet. The rate of flow can be accurately controlled from 0 to maximum by a single valve, and without changing pulleys. There is no need for a bypass pump to reduce nozzle flow on the new models. This unit is shipped without wheels, but they are available as extra equipment.

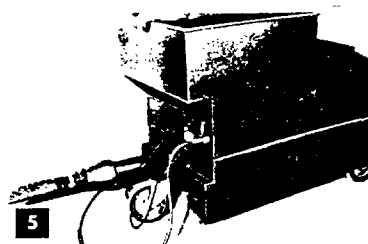
A second of the new E-Z-On machines is powered by a 220 volt five-h.p. electric motor and a one-h.p. motor for the air compressor. At full output it is said to spray plaster up to 250 square yards per hour, $\frac{1}{2}$ inch thick. Controls



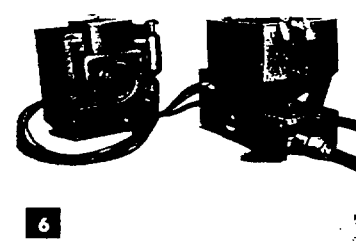
- 1 PLASTER-MASTER MODEL A, new half-cubic foot capacity machine designed especially for finish coat work.
- 2 PLASTER-MASTER MODEL B with hydraulic drive and capacity up to one foot per minute for basecoat and finish work. It is a self-contained unit with full control at the gun.
- 3 PLASTER-MASTER MODEL C, with capacity to $3\frac{1}{2}$ cubic feet per minute. Notice chute for direct filling from mixer, when desirable.

- 4 HIGH PRODUCTION plastering "factory" complete on a truck chassis. The unit includes the $3\frac{1}{2}$ -cubic foot Plaster-Master model C, a mixer (with saw-toothed blade for opening plaster bags) and a water tank.





5 ELECTRICALLY POWERED E-Z-On machine.



6 GASOLINE POWERED hydraulic E-Z-On plastering machine.

regulate output accurately from 15 percent to full capacity.

Further information about either machine is available from E-Z-On Corp., 1725 W. Pershing Rd., Chicago 9, Ill.

Karelius Sand-Hog and Acousti-Pump

Unusual versatility was the aim in designing the Sand-Hog. With it, sanded plaster, lightweight aggregate plaster or portland cement and sand exterior basecoat have been applied to the walls and ceilings through 150 feet of hose. The unit weighs about 350 lbs. and is powered by a separate compressor with at least 105 cu. ft. per minute capacity. It has been used on the ground to plaster rooms on the fourth floor.

An improved nozzle has recently been introduced and includes an orifice control to confine the area being sprayed when working around fasciae and window and door trim; and a texture regulator controlling the volume of atomization. The volume of material delivered on basecoat work is regulated at the pump, varying from five to 60 cycles per minute.

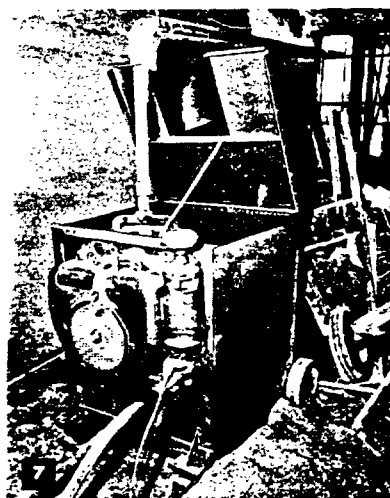
The Sand-Hog handles 3.5 cubic feet of mortar per minute and is said to be capable of 1600 yards of 1/2 inch sanded plaster, STRUCTO-LITE perlited plaster, portland cement or wood fiber plaster per eight hour day. It sells for \$1495 f.o.b. Alhambra, Calif. The Acousti-Pump is a smaller model for exterior stucco finish, interior sand finish or acoustic work and sells for \$885. Complete information available from Albert Karelius & Sons, 909 S. Fremont, Alhambra, Calif.

Do-All

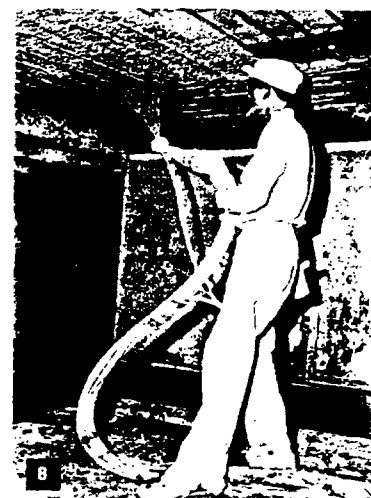
Different in principle from the other plastering machines described here, the Do-All sand plastering and stucco machine does all of its work with vacuum and air pressure. Thus the only moving parts are a compressor and the six h.p. gasoline engine to power it. Air pressure moves the plaster from the hopper through the hose as well as dispersing it at the nozzle. Controls for pattern and feed are at the nozzle. Capacity is as much as four cubic feet per minute, from two eight-cubic-foot, sealed hoppers. The machine will deliver plaster through 150 feet of hose to as high as 50 feet. Price: \$2495 f.o.b. Portland, Oregon, 30 day delivery.

A new and smaller model "B" machine loads manually instead of by vacuum. All other features are the same as those found on the larger machine. Price: \$1795 f.o.b. Portland.

Complete information available from Blomgren & Co., 1445 N. E. Marine Drive, Portland 11, Ore.



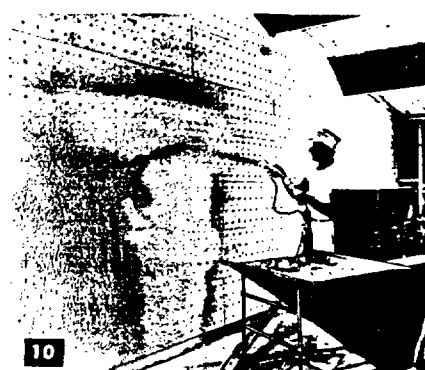
7 THE SEPARATE E-Z-ON gasoline power unit is located near the elevator well of this multi-story building, and from this position served the pump as it plastered five floors.



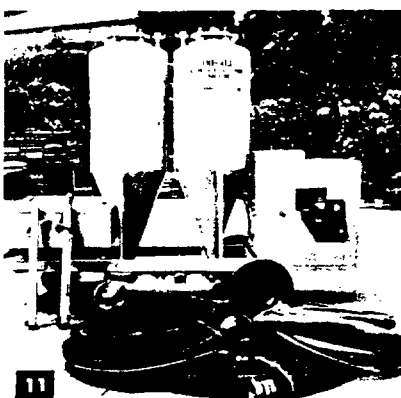
8 THE NEW E-Z-ON machine successfully delivered a plaster mix containing aggregate that is 63 percent sand and 37 percent vermiculite, to cover these radiant heating coils. The proportion of lightweight aggregate was so small that it was deemed negligible in effect on heat transfer from the coils.



9 THE WORKING PARTS of the Sand-Hog lift out easily for cleaning.



10 KARELIUS Sand-Hog is powered by an external compressor.



11 THE DO-ALL plastering machine moves all materials and disperses them by air pressure alone.



12 THE SKILL of the plasterer is still very much a part of the trade, even with machine application.

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