

New Products and Equipment . . .

Nurse Tank Transport for Liquid Fertilizers

General Metals, Inc., is producing a trailer-mounted, nurse-tank transport for hauling nitrogen solutions and liquid fertilizers from storage tanks to the farm and out to the field. It can serve as a source of supply for applicator units.

Although especially designed for fertilizer solutions, it may also be used to transport insecticides, weed killers, and other liquid products.

The transport unit consists of trailer, saddles, tank, fittings, hose, gages, air compressor, front-end jack, trailer hitch, and all necessary equipment. The unit is shipped ready for immediate use. It is built for maximum working load under severe road and field conditions. All parts and fittings are of noncorrosive material and of durable, heavy-duty construction. Performance of valves and safety devices is unaffected by corrosion or crystallization of solutions, the manufacturer states.

The tank holds 1000 gallons. It is constructed of high strength alu-

minum alloy in accordance with ASME specifications for 30 p.s.i. working pressure. The ends of the tank are flanged and dished for maximum strength. Reinforced baffles are used to reduce sloshing of solution while in transit. The tank is equipped with a liquid level gage so that the amount of solution left in the transport can be determined at any time.

For literature, prices, and other information write for Bulletin 5-255 to Dept. A&F, General Metals, Inc., 858 Goldsboro St., Greensboro, N. C.

Vibrator Agitates Material Instead of Bin or Duct

A vibrator to break bridging of materials in storage bins, supply ducts, and containers has been developed by Thayer Scale Corp. Vibration is not applied directly to the side walls of the hopper or duct, but rather to screens inserted within the chamber and extending downward to the lower opening or discharge outlet. By this arrangement, a relatively small mass of steel is agitated to break the bridge of the material between the side walls of the container. Such equipment can be used in weighing operations where a constant flow is required between storage hoppers and scale feeder. The bridge breaker can be furnished in various sizes and shapes to suit existing hoppers and ducts. Thayer can also furnish complete hopper sections incorporating built-in bridge breaker units with flanged inlet and outlet for attaching to existing storage bins and ducts. Bridge breakers can be furnished in mild steel, stainless steel, and with Teflon coating. Unit can be furnished for Class I Group D or Class II Group G operation. Survey sheets for this equipment are available upon request to Dept. A&F, Thayer Scale Corp., Thayer Park, Pembroke, Mass.

Vaccine for Mink

A vaccine to prevent botulism in mink has been introduced by American Cyanamid.

Called Clostridium botulinum type C Toxoid-Mink, it is an alum-precipitated, formalin-killed whole broth culture of Clostridium botulinum type C. It immunizes mink against Clostridium botulinum intoxication, caused by consumption of contaminated raw meat. The disease has devastated whole ranches of mink.

More information is available from Dept. A&F, American Cyanamid Co.,

30 Rockefeller Plaza, New York 20, N. Y.

Feed Supplement Vitamins

Commercial Solvents has expanded its line of basic vitamin feed supplements to include vitamins A and D₃.

The vitamin A will be sold as a stabilized, dry A supplement. Vitamin D₃ will be available in oil and as a dry supplement. Additional potencies of niacin and calcium pantothenate will also be available from the company.

CSC also has a basic source of vitamin B₁₂, riboflavin, multivitamin supplements, choline chloride, penicillin, zinc bacitracin, and fermentation solubles for the feed industry.

Further information is available from Dept. A&F, Commercial Solvents Corp., 260 Madison Ave., New York 16, N. Y.

Dryer-Blender

A glass-lined, conical, rotary dryer-blender has been developed and put on the market by Glascote Products, Inc., subsidiary of A. O. Smith.

The dryer-blender provides speed, ease, and efficiency for drying and blending a broad range of corrosive and heat sensitive materials, using either hot water, steam, or Dowtherm if special fittings are used, according to Glascote. It is designed for drying crystalline chemicals and polymers which contain water and organic or inorganic chemicals. The specially engineered Glascote glasses provide protection against chemical attack of the metal liner by chemicals with a pH up to 12, at 210° F., excepting hydrofluoric acid. Both acid and acid-alkali glass linings are available with all linings pretested for each customer's product.

For more data, contact Dept. A&F, Glascote Products, Inc., 20900 St. Clair Ave., Cleveland 17, Ohio.

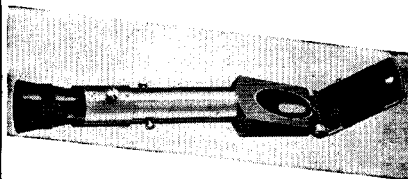
Centrifugal Blower

A centrifugal blower designed for conveying powdered milk, starches, and granular or dust food products, is announced by General Blower Co. It is designed to meet requirements for sanitary operation and ease of maintenance, and features stainless steel construction with provision for quick disassembly for cleaning.

For more information on the new centrifugal blower, write to Dept. A&F, General Blower Co., Morton Grove, Ill.

HAND REFRACTOMETERS

for Sugar and Soluble Solids Determinations. Invaluable to Growers, Inspectors, Food Packing Plants. Conversion table for Refractive Indices is provided for use in other measurements.



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