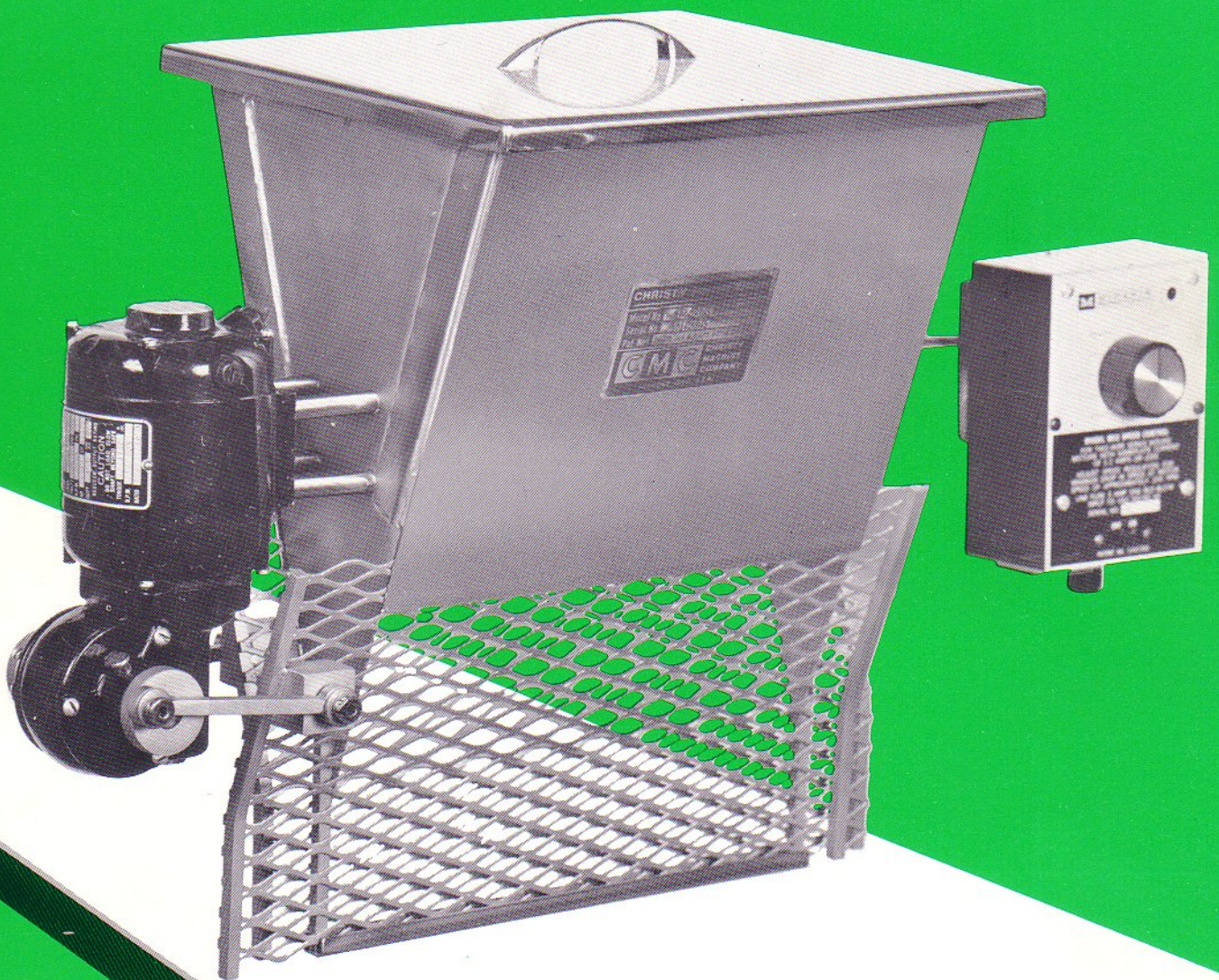


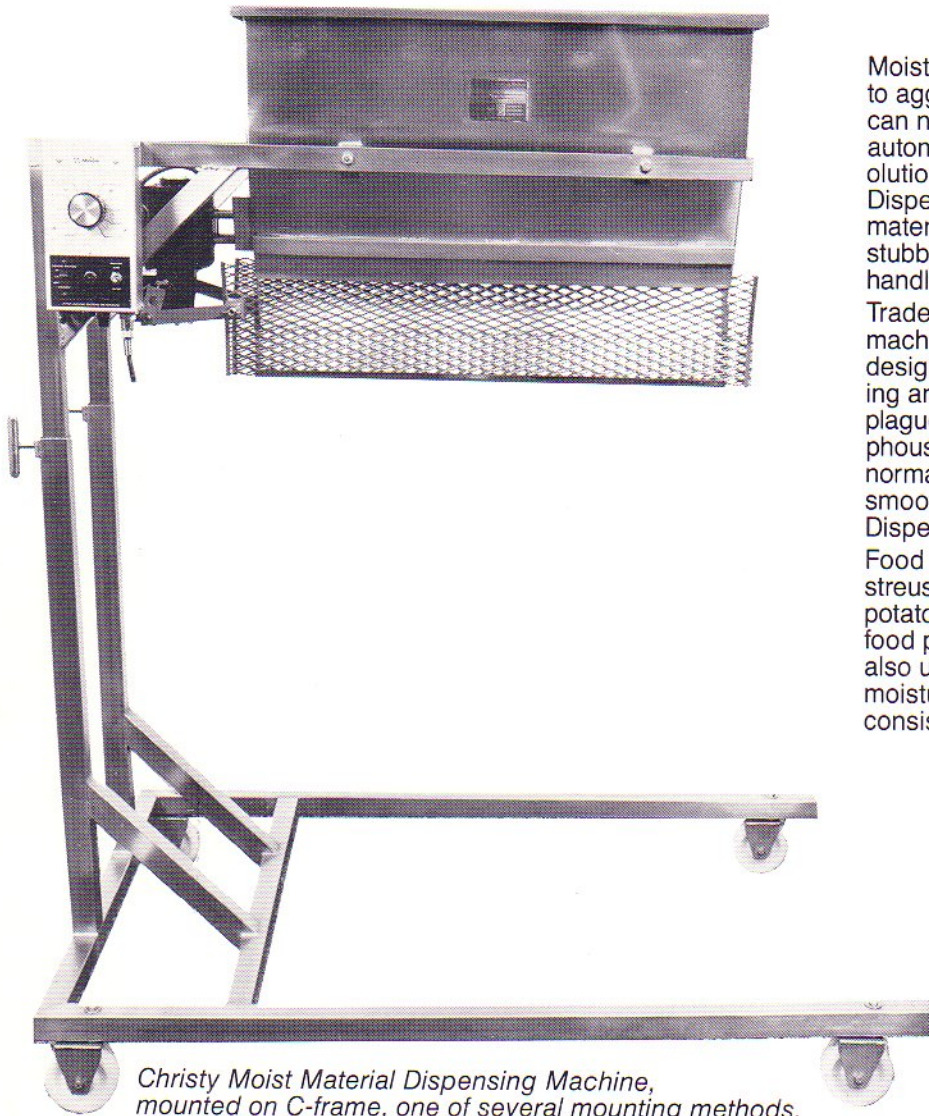
Christy[®] Moist Material Dispensing Machines



CMC

CHRISTY
MACHINE
COMPANY

Now! Automatically Dispense Hard-to-Handle Moist Materials



*Christy Moist Material Dispensing Machine,
mounted on C-frame, one of several mounting methods.*

Moist, self-adhering materials which tend to agglomerate into a frustrating glob can now be routinely dispensed on an automatic and continuous basis with revolutionary new Christy Moist Material Dispensing Machines. Also, normally dry materials which, under humid conditions stubbornly stop flowing, can now be handled with ease.

Trademarked Recipro-Grater™, these machines incorporate unique but simple design principles to overcome dispensing and coating problems which have plagued the industry for years. Amorphous, moisture-laden substances which normally clog screens or grating, flow smoothly through Christy Moist Material Dispensing Machines.

Food toppings such as wet onions, streusel topping, powdered sugar and potato flakes are being dispensed by food processors. Non-food industries also use this equipment to dispense moisture bearing substances ranging in consistency from powder to resins.

Principle of Operation

Operation of the Christy Moist Material Dispensing Machine is remarkably simple, straightforward and consequently trouble-free. A single motor, with offset cams at both ends of the shaft, drive two opposing stainless steel mesh graters or grid dies in opposing directions. These grids are oriented in a steep vee with the base riding on a longitudinal nylon bearing. Material

to be dispensed is fed into the hopper, drops into the apex of the vee where it is sheared or dispensed by the reciprocating action of the two counter-opposed grids. The steepness of the vee configuration and the reciprocating action of the grids assures constant feed and prevents hang-up of material in the hopper.

Grating or Dispensing

Christy Moist Material Dispensing Machines are extremely versatile and can be used for dispensing alone, grating and dispensing simultaneously or for grating exclusively. With the infinite speed control provided and the wide range of sizes and types of mesh grids available, the operator has almost unlimited choice of particle size of the material to be dispensed or grated. And with the natural vibratory action of the reciprocating grids and the steep walls of the hopper, the problem of material hanging up is reduced or eliminated.