

## Racine Engine and Machinery Co.

*Confectioners' Machinery and Appliances*

Bulletin No. 14.

RACINE, WIS., U. S. A.

### Manufacture

Cream Depositors  
Cream Beaters  
Syrup Coolers  
Starch Bucks  
Starch Printers  
Marshmallow Beaters  
Marshmallow Depositors  
Chocolate Coaters  
Chocolate Mixers  
Chocolate Depositors  
Chocolate Drip Catchers  
Nougat Cutters  
Buttercup Cutters  
Caramel Cutters  
Caramel Sizers  
Sucker Machines  
Cream Trucks  
Cream Drip Catchers  
Starch Tray Trucks  
Starch Moulds  
Water Moulds  
Mould Boards  
Etc.

## The Racine Depositor

THE distinctive feature of this machine is, that it is the only depositor which operates without pumps. The depositing is done by means of two shafts, one of which rocks back and forth inside the other.

Their action is such that exactly the same amount of material is discharged through each outlet, making the goods run **absolutely uniform** in size and weight and without tailings.

A simple, accurate adjustment is provided, consisting of an indicator and a numbered brass dial, which insures exact number of pieces to the pound, while the machine may be quickly set to cast pieces varying in size from jelly beans to penny goods.

Practically anything cast in starch may be run on this machine, including cream, gum, and even stiff marshmallow, such as is generally run through a bag. A whole row the long way of the tray is cast at once and at the rate of forty-five rows, or approximately one thousand pieces a minute, a capacity excelled by no other depositor on the market.

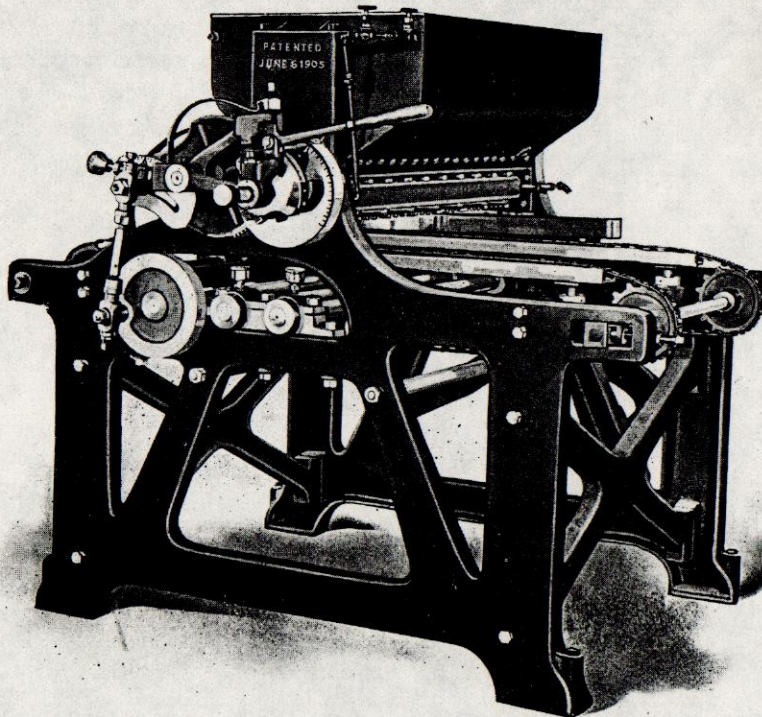
This depositor is so designed as to be extremely easy to operate, and convenient to adjust. As its weight (one ton) indicates, it is strong and durable in every part, while the workmanship is of the very best. The result is a simple, strong, practical machine, of highest quality, perfect in every detail, and one which gives thoroughly satisfactory service under all conditions.

The tank is copper lined and supplied with brass steam coil for heating. A steam passage is also provided in the brass sleeve in which the depositing shafts operate, so that these may be quickly and easily heated when desired.

It is, therefore, very easy to keep a batch of material at the proper temperature while running it, and at the same time the machine may be quickly cleaned after using or when changing from one class of goods to another.

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## The Racine Depositor

(Patented June 6, 1905)

Tank holds 275 pounds of cream.  
Cone Pulley,  $14\frac{1}{2}'' \times 12\frac{1}{2}'' \times 2\frac{3}{4}''$ .  
Speed, 90 revolutions.  
Shipping Weight, 2300 lbs.

Total Height, 5'.  
Horse Power, 2.  
Total Length, 5' 6".  
Total Width, 5' 9".



Depositing Plate

Standard Machines have either 24 outlets,  $1\frac{1}{4}''$  apart, or 20 outlets  $1\frac{1}{2}''$  apart as preferred, for tray 31" long inside, but when shorter tray is used the number of outlets is reduced accordingly. While either of these machines will deposit all kinds of goods, the  $1\frac{1}{4}''$  machine is generally used for cream and gum work only, and the  $1\frac{1}{2}''$  machine for a full line including cream, gum and marshmallow.

Extra Depositing Plates may be had as follows:

For the  $1\frac{1}{4}''$  machine:—

Plate with 48 outlets,  $\frac{5}{8}''$  center to center.  
Plate with 12 outlets,  $2\frac{1}{2}''$  center to center.

For the  $1\frac{1}{2}''$  machine:—

Plate with 40 outlets,  $\frac{3}{4}''$  center to center.  
Plate with 10 outlets,  $3''$  center to center.

MACHINES INTENDED FOR MARSHMALLOW WORK only are built with 16 outlets  $1\frac{7}{8}''$  apart. These will successfully deposit the very stiffest marshmallow and are used for casting drops, puffs, penny goods, or in fact anything in the line of marshmallow work.

Special depositors for casting CHOCOLATE KISSES, FANCY SHAPES, etc., are built to order. These handle solid chocolate perfectly and give excellent satisfaction.



Depositing Shaft.