

SERVO CHOCOLATE DEPOSITING MACHINE-SCDO 1

FOR THE MANUFACTURING OF SOLID AND CENTRE FILLED CHOCOLATES & BARS.

The One-Shot chocolate depositing machine can be built to work with mould sizes of 275 x 175mm or 280 x 200mm, it is suitable for manufacturing both solid and centre filled chocolate articles up to a maximum production output of 2000kg per shift, depending on product configuration, shape, and weight.

The machine is complete with a mould heating system & with a mould hopper

The machine is controlled from an HMI touch screen and the depositor has servo motor drives.

Working Principle:

Step 1 The chocolate moulds are first loaded by hand into the mould hopper.

Step 2 The transport conveyor automatically transports moulds from the mould hopper by a conveyor belt to the depositing machine, while the moulds are travelling heaters above the moulds heat them up.

Step 3 Each mould stops underneath the depositing head. The mould is lifted upwards, the correct chocolate amount and centre is dosed into the moulds in one shot, being lowered after the deposit has completed and placed back onto the transport conveyor.

Ratio settings for the outer shell and centre are fully adjustable and all settings to change these are accessed via the touch screen. Different product settings can be saved into the PLC.

Step 4 After depositing the moulds are transferred to a short vibrator section and the moulds are vibrated to remove any air bubbles trapped in the chocolate.

Step 5 The moulds are typically transferred to a cooling tunnel (not supplied) and after exiting they are de-moulded.

Sensors track the moulds and activate a series of events as the mould passes through the machines.



SERVO CHOCOLATE DEPOSITING MACHINE

SPECIFICATIONS

Overall Height
1560mm

Overall Length
3600mm

Overall Width
725mm

Material
Machine - 304 Stainless-Steel

Services Required
3 Phase electricity, compressed air.

Products
Depositing solid and centre filled chocolates and bars

Video Link
<http://tiny.cc/yrxikz>



3600mm

725mm

1560mm

