

## MODEL 2928, 2917, 2950 AND 2914 SILVER SERVICE<sup>®</sup> MACHINES



Close-up  
of RCS-1  
(standard)



Close-up  
of RCS-2  
(optional)



Electrical  
Control  
Box

	Model No.			
	2914	2928	2917	2950
Track series to use	140	280	170	500
Horsepower	1/2	1/2	1/2	1/2
Volts	120	120	120	120
Control voltage	24 VAC	24 VAC	24 VAC	24 VAC
Num. of Wires to Remote (Plus Ground)	4	4	4	4
Cable speed	90/45 fpm	90/45 fpm	90/45 fpm	90/45 fpm
Length	18"	16"	16"	16"
Width	11"	12"	12"	12"
Height	9"	10"	10"	10"
Weight	45 lbs	45 lbs	45 lbs	45 lbs

These machines are not to be used for the lifting, supporting, or transporting of people. These machines should not be used to move objects over areas where people are present unless suitable safety devices are installed. Other data will be found in the Curtain Machine Selector Guide (page 86).

Specifically designed for projects requiring the curtain machine to be located off of the finished floor. This model machine is designed to attach to, and align with, the curtain track and be supported by an overhead structure via eye-bolts mounted to the machine's base. The machine eliminates the vertical operating cables that normally run from a floor mounted machine to the track live-end pulley. The control box for this model machine is connected by 6' of BX cable to the machine. Control is stop/start/reverse from any point of travel.

### OUTSTANDING FEATURES:

#### N-GROOVE WHEEL DRIVE

Double machined N-grooves in conjunction with an adjustable tension idler provide maximum friction for a near slip free operation.

#### REMOTE CONTROL STATION

Three-button type and marked Open, Close and Stop. Any number of remote control stations can be used with this model machine. Machine is supplied with remote control station which can be mounted up to 2000 feet away from control box.

#### CONTROL BOX

Supplied attached to but separate from the machine for placement on an adjacent wall. Control box is supplied pre-wired and to machine with 6' of BX cable.

#### LIMIT SWITCHES

Track mounted limit switches are used to provide positive stops for the curtain. Two limits are provided with the machine - one for the open direction and one for the close direction. Limit switch voltage is 24 VAC. Master carrier with tripping dog included. Additional contacts available for external signals.

#### OVERLOAD PROTECTIVE BREAKER

Automatic type which helps to protect the machine, track and curtain from the effects of accidental overload. Must be manually reset.

#### SAFETY RELAY

Prevents single phase motor from continuing to run in the same direction when a push-button is pressed at the same instant a limit switch is tripped.

#### OPTIONAL EQUIPMENT

Wireless remote control (Model WRC-1)  
Key operated remote control (Model KOS-1)

## Specifications for Models 2928, 2950, 2917 & 2914 Silver Service Machine

Curtain machine shall be fully automatic type equipped with a 1/2 HP fixed speed AC motor directly driving a right-angle gear reduction unit, on the output shaft of which shall be mounted a dual N-grooved drive wheel. Cable tension shall be provided by an integral adjustable tension pulley. Drive wheel shall deliver a fixed cable speed of 90 feet per minute. Mechanism shall include magnetic contactor to provide reversing action at any point along the travel and shall include three-button control switches, one mounted on the machine's control box and one for use as a remote control. Control switch wiring shall be accomplished through a low voltage system running from the machine control box to the remote control switch station. Track mounted limit switches shall provide stop signals to machine for full open and full close positions. Machine shall be equipped with disconnect switch, overload protective circuit breaker and control protective circuit breaker. The entire machine shall be mounted on a heavy steel base designed to be attached to end of curtain track and supported from the building structure. Model 2928, 2950, 2917 & 2914 as manufactured by Automatic Devices Company of Allentown, PA.