



SIDE MASKING MACHINES

AUTODRAPE® Models 940 and 1460
SILVER SERVICE® Model 2910

Model 940



Close-up of RCS-1 (standard)
Close-up of RCS-2 (optional)



717E

NOTE: Shown with Sprocket Guard. Required for ETL compliance.	Model No.		
	940	1460M	2910
Horsepower	1/4	1/3	1/2
Volts	120	120	120 or 220
Phase	1	1	1
Cable Speed (fpm)	18	18	18
Curtain Separation Speed (fps)	0.6	0.6	0.6
Number Wires for Remote	4	4	4
Control Voltage (Plus Ground)	24 VAC	24 VAC	24 VAC
Length	18	18	18
Width	18	18	18
Height	27	27	27
App. Shipping Weight (lbs.)	140	140	150

Other data can be found in the Curtain Machine Selector Guide (page 86).

Curtain Operator
*applicable only to single phase units when UL approved guards are installed.



ETL LISTED
DOOR, DRAPERY,
GATE, LOUVER AND
WINDOW OPERATORS
AND SYSTEMS
Conforms To ANSI/UL-325



Specially designed for side-masking operations, these machines are equipped with sprocket drives in place of drum drives. Low voltage control is standard on these machines to ease connection to theater automation systems. Machines are full Stop, Start, Reverse operation and can be stopped or reversed from any point of travel. Cable speed is reduced in order to provide more precise stopping of the masking panels. Roller chain and turnbuckles are obtainable as options.

OUTSTANDING FEATURES:

SPROCKET DRIVE

For positive movement and accurate positioning of screen masking. Magnetic brake available as an option. **Model RC-2 (41 Pitch) roller chain must be used with these machines.**

DRIVING DOG

Releases sprocket from drive shaft allowing sprocket to spin freely for manual operation of the track system.

CONTROL SWITCHES

Three-button type and marked Open, Close and Stop. No limit to number of control stations that can be used. Two supplied with each machine, one mounted to the machine and one to be used as a remote control station. Control voltage on these units is 24 VAC standard.

ROTARY LIMIT SWITCHES

Allow for user definable pre-set stop for the "Full Close" and "Full Open" positions. Fully adjustable cam type assembly.

DISCONNECT SWITCH

Toggle switch which removes power to machine's internal circuitry.

Power will still be active at the machine terminal strip and on one side of the disconnect switch. To completely remove power from the machine for servicing, power must be shut off at its source and locked out according to OSHA regulations.

OVERLOAD PROTECTIVE BREAKER

Automatic type helps protect machine, track and curtain against effects of accidental overload. Must be manually reset.

THERMAL OVERLOAD

Built into some motors to help prevent possible damage to the motor due to overheating.

SAFETY RELAY

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

SUGGESTED SPECIFICATIONS FOR MODELS 940, 1460M OR 2910

Curtain machines shall be fully automatic type with ... HP motor connected through V-belt drive to gear unit, on the output drive shaft of which shall be mounted a sprocket delivering a cable speed of 18 feet per minute equivalent to curtain separation speed of 0.6 feet per second. Mechanism shall include low voltage magnetic control system to provide reversing action at any point along the travel and shall include three-button control switch mounted on unit and one for use as a remote control station. Control switch wiring shall be accomplished through low voltage system running from machine control box to remote control switch. Limit switch assembly shall be mounted integrally with gear unit. Safety guards shall be provided. Machine shall be equipped with disconnect switch, automatic overload protective breaker, and facility for conversion to manual operation. The entire mechanism shall be mounted on a steel base. Model ... as manufactured by Automatic Devices Company of Allentown, PA.