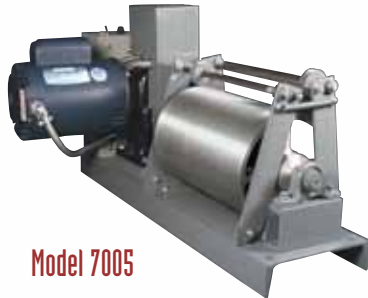




SILVER SERVICE® Model 2905 HERCULES® Models 6505 and 7005




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



Model 7005

NOTE: Guard not shown.
Required for ETL compliance.

	Model No.		
	2905	6505	7005
 ETL LISTED DOOR, DRAPERY, GATE, LOUVER AND WINDOW OPERATORS AND SYSTEMS 58613 Conforms To ANSI/UL-325			
Horsepower	1/2	3/4	1
Volts	115 or 230	115 or 230	115 or 230
Phase	1 or 3	1 or 3	1 or 3
Cable Speed (fpm)	72	72	72
Curtain Separation Speed (fps)	2.4	2.4	2.4
Number Wires for Remote Control (Plus Ground)	4	4	4
Control Voltage	24 VAC	24 VAC	24 VAC
App. Overall Dimensions (inches)			
Length	30	30	30
Width	18	18	18
Height	18	18	18
App. Shipping Weight (lbs.)	220	225	230

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

Models 2905, 6505 and 7005 combine versatility with the power and drum capacity needed to operate larger than normal draw curtains.

Designed for multiple remote locations and connection to automation systems, these units include a magnetic control system, three-button control switches, and limit switches for the "Full Close" and "Full Open" positions. A Cable Tension Device is included as standard equipment. A magnetic brake, for instantaneous stopping, is available as an option.

OUTSTANDING FEATURES:

GROOVED CABLE DRUM

Assures positive drive without cable slippage. Aluminum construction 8" diameter x 12" long. Coated wire-center cable must be used. Drum must be at least 14' from track live-end pulley, or last pulley in system to allow cable to wind properly on drum.

CABLE TENSION DEVICE

Automatically helps eliminate cable slack. Also helps retain cable within grooves of drum.

EMERGENCY HAND CRANK

Facilitates hand operation of curtain in case of mechanical or power failure.

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 built on the machine and one to use as a remote control station.

SUGGESTED SPECIFICATIONS FOR MODELS 2905, 6505 OR 7005

Curtain machines shall be fully automatic type equipped with ... HP motor connected to gear unit, on the output drive shaft of which shall be mounted elevator-type grooved aluminum cable drum and outboard bearing to support and align extended shaft. Cable tension device shall be provided to help automatically remove slack from cable and retain cable within drum grooves. Drum shall deliver a cable speed of 72 feet per minute. Mechanism shall include magnetic contactor to provide reversing action at any point along the travel and shall include three-button control switch mounted on unit and one for remote control. Control switch wiring shall be accomplished through low voltage system running from control switch on the machine to the remote control switch station. Limit switch shall be driven from output drive shaft of gear reduction unit. Machine shall be equipped with disconnect switch, overload protective breaker and emergency hand crank for conversion to hand operation. The entire mechanism shall be mounted on heavy steel base. Model ... as manufactured by Automatic Devices Company of Allentown, PA.

ROTARY LIMIT SWITCHES

Allow for user definable preset stops for the "Full Close" and "Full Open" pre-set positions.

MAGNETIC CONTROL

Provides Start/Stop/Reverse control of the machine. Compatible with most automation systems. LVCS Low Voltage Control 24 VAC standard.

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 (furnished on some single phase motors only).

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.