



## TOM THUMB® Models 1002 and 1002-MCS



Close-up of  
RCS for Models  
100 and 1002-MCS

### Model 1002-MCS

The 1002 series TOM THUMBS® are designed for use in board and conference rooms or in applications that require more torque than a 872 series machine, but less than the torque of a large stage machine. Used primarily with the Model 100 SPECIFINE® and Model 220 TRAK-EZE® track systems, Model 1002 is completely automatic and includes limit switches which provide user definable pre-set stops. Model 1002-MCS includes a low voltage magnetic control system for operation from more than one location and also to ease connection to automation systems.

#### OUTSTANDING FEATURES:

##### DRIVE WHEEL

An N-grooved 3-1/2" diameter drive wheel is provided to help limit cable slip. Coated wire-center cable must be used.

##### CONTROL SWITCH

Model 1002 uses a single full voltage three position maintained toggle switch, it being wired temporarily to the machine for making limit switch settings during installation. Note only one control switch can be used on the Model 1002 machine. Model 1002-MCS uses a three-push button type remote control station. Two applications in the machine and one to be used as a remote control station.

NOTE: Shown with guard which is required for UL/ ETL compliance.

	Model No.	
	1002	1002-MCS
Horsepower	1/8	1/8
Volts	120	120
Control Voltage	120	240 AC
Cable Speed (fpm)	47	47
Curtain Separation Speed (fpm)	1.6	1.6
Number of Control Wires (Plus Ground, Class 2 Control)	3	4
Length	13	13
Width	8	8
Height	11	11
App. Shipping Weight (Lbs.)	40	40

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

Listed\*



UL Listed for use in single phase units when UL approved guards are installed.



ETL LISTED DOOR, DRAPERY, GATE, LOUVER AND WINDOW OPERATORS AND SYSTEMS  
56613 Conforms To ANSI/UL-325

#### DRIVE WHEEL

For conversion to hand operation in case of mechanical or power failure.

#### GENERAL ROTARY LIMIT SWITCHES

Allows for user defined pre-set stops for the "Full Open" and "Full Close" positions. Fully adjustable cam type assemblies.

#### IDLER SYSTEM

Composed of ball-bearing wheels which help increase the load capacity of machine and assure proper cable alignment.

#### OVERLOAD PROTECTIVE FUSE

Helps protect machine, track and drapery against effects of accidental overload.

#### AUTOMATIC THERMAL OVERLOAD

Built into motor and helps prevent possible damage to motor due to overheating.

**Wheel drive machines are not recommended for curved track applications.**

#### SUGGESTED SPECIFICATIONS FOR MODEL 1002 AND 1002-MCS

Curtain machines shall be fully automatic type equipped with 1/8 HP motor and built-in gear reduction unit on the output drive shaft of which shall be mounted an N-grooved wheel delivering a cable speed of 47 feet per minute equivalent to curtain separation speed of 1.6 feet per second. Mechanism shall include remote control switch of either three-position maintained toggle type, or three-button type to provide reversing action at any point along the travel. Machine shall be equipped with ball-bearing idler wheels, automatic overload protective fuse, and facility for conversion to hand operation. The entire mechanism shall be mounted on base for securing to floor or other appropriate means of attachment. Model 1002 as manufactured by Automatic Devices Company of Allentown, PA. (With magnetic control system, Model 1002-MCS.)