

CURTAIN DRAW MACHINE TRACK MODEL



Innovation | Dedication | Reliability | Safety

PRODUCT INFORMATION

TIFFIN SCENIC CDMT

Tiffin Scenic curtain machines offer many different options for many different applications. All machines are offered with an optional brake motor or variable speed control box to provide instant stopping and/or adjustable speed in desired applications. Standard machines are equipped with a reversible magnetic starter, and a limit switch to control curtain position from fully open to fully closed. Standard control boxes are U.L. listed and equipped with motor and control circuit fusing. A three button control panel is also included.

FEATURES

- Track Mounted** Track mounted curtain machines operate out of sight and do not take up valuable floor space. The machines can be mounted to 1 1/4" or 1 1/2" diameter pipe and can be used in stationary as well as moving applications.
- Cast Iron Drive Sheave** Heavy duty 6" diameter direct drive sheave grooved for 3/16" nylon coated-wire center rope, working in conjunction with a steel ball bearing tensioning sheave insures smooth and reliable traction drive curtain operation.
- Controls** Controls and starter boxes are U.L. listed. File No. E206934.

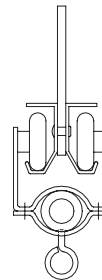


Model CDMT1218

Tiffin Scenic Studios track mounted curtain machine

RECOMMENDED CONTINENTAL TRACKS

(Compatible with other tracks. Call for information.)



Continental No. 60



Continental No. 68

CATALOG NO.	H.P.	TRAVEL (ft./min)	OUTPUT TORQUE (lb./in)	APPROX. SHIPPING WEIGHT (lbs.)
CDMT1318	1/3	86	326	75
CDMT1218	1/2	86	488	80
CDMT3424	3/4	86	733	100
CDMT0124	1	86	977	105

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NOMENCLATURE

Voltage codes

A	115V Single Phase
B	220V Single Phase
C	208V Three Phase
D	230V Three Phase
E	460V Three Phase

Other Voltages also available

Control options

L	Low Voltage – 24 volt A.C.
V	Variable Speed
W	Wireless Remote*
X	Wireless Remote I.D. (up to 325 feet)

Standard control voltage is 115vac. Other control options also available

Motor options

K	Brake Motor
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* Must be used with low voltage control option.

NOMENCLATURE EXAMPLE

When ordering a 1/2 H.P. 220V single phase track mounted curtain machine with variable speed control, your order sheet will be as follows:

	Qty.	Catalog No.
Machine Type:	1	CDMT1218-BV

ACCESSORIES (ORDER SEPARATELY)



Remote

Catalog No.: CDM-R

4.0 oz. each

Stainless steel cover fits on to a standard 2" x 4" switch box. Comes complete with pushbutton switches and screws.

Dimensions: 2 3/4" wide x 4 1/2" high.



Variable Speed Remote

Catalog No.: CDM-R

4.0 oz. each

Stainless steel cover fits on to a standard 2" x 4" switch box. Comes complete with pushbutton switches and screws.

Dimensions: 2 3/4" wide x 4 1/2" high.

SPECIFICATIONS FOR MODELS: CDMT0124 • CDMT3424 • CDMT1228 • CDMT1318

Automatic curtain draw machine shall incorporate a 6" diameter traction drive sheave, grooved for 3/16" operating line. The sheave shall turn at a rate of r.p.m. so the operating line travel speed is 86 ft./min.. Operating line movement shall be achieved by drive sheave working in conjunction with a spring driven tensioning sheave. Gear reducer and motor to be designed for continuous duty. The gear reducer to be one piece with NEMA C input flange for motor and made of fine grained cast steel for rigidity and alignment. Premium quality double lip oil seals installed throughout casting to extend gear reducer life and keep the oil from seeping out. A bronze alloy worm gear and a alloy steel input worm shaft shall revolve in a high capacity oil bath to enhance efficiency, reduce noise and create superior life. The gear motor shall be ___ H.P., ___ volt, ___ phase c-face, capacitor start motor (single phase only) installed to the gear reducer by a flexible coupling. An enclosed industrial control, starter and relay panel shall be U.L. listed and securely mounted to curtain machine frame and contain all necessary components required for reversing operation. Controls shall be fully automatic utilizing a reversing contactor with mechanical and electrical interlocks (constant speed only). Separate overload protection for motor and control circuit shall be provided in the control, starter and relay cabinet. A customer supplied disconnect switch shall supply all power and control energy to system. An "open", "close" and "stop" pushbutton shall be located on the supplied remote control (additional controls are optional). Each machine is to be equipped with two (2) track mounted U.L. listed vertical limit switches with yoke style actuator. Machines are to be internally wired to a labeled terminal strip properly enclosed and with the labeling corresponding to the wiring diagram supplied. Field wiring by others. Model _____ as fabricated by Tiffin Scenic Studios, Inc. Tiffin, Ohio.

Due to the ever changing market, Tiffin Scenic Studios, Inc. implements a continuing product development policy which can change all specifications without any notice. Users of Tiffin Scenic Studios, Inc. products are responsible for all application and suitability in which they are being used. It is the responsibility of the end user to ensure that all curtain machines are installed in accordance with all national, state and local codes and regulations.