

# CURTAIN DRAW MACHINE CDMZ



Innovation | Dedication | Reliability | Safety

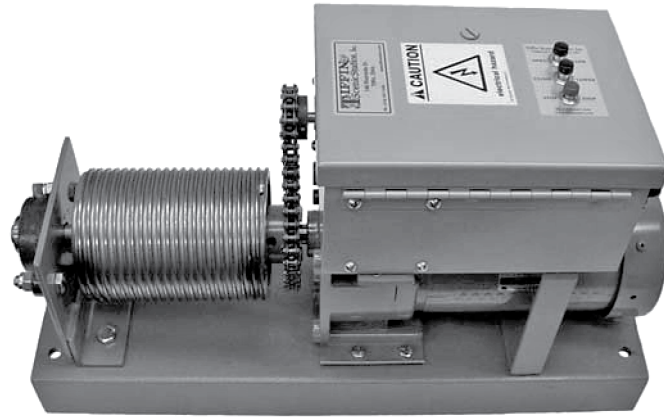
## PRODUCT INFORMATION

### TIFFIN SCENIC CDMZ

Tiffin Scenic curtain machines offer reliability and safety. 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 a three button control switch, disconnect and circuit breaker.

### FEATURES

- **Gear Motor** Single phase, totally enclosed for continuous duty. Lubrication is by semi-fluid grease, reducing possibility of leakage and providing permanent lubrication.
- **Cable Drum** Grooved to provide positive drive without cable slippage. Model CDMZ1631.
- **Dimensions**  
CDMZ1631: 19" l x 6" w x 11<sup>1</sup>/<sub>4</sub>" h  
CDMZ1699: varies l x 6" w x 11<sup>1</sup>/<sub>4</sub>" h
- **Controls** Low voltage. Controls and starter boxes are U.L. listed. File No. E206934.



Model CDMZ1631



### 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.

CATALOG NO.	H.P.	TRAVEL (ft./min)	OUTPUT TORQUE (lb./in)	VOLTS	PHASE	NO. OF REMOTE CONTROL WIRES	APPROX. SHIPPING WEIGHT (lbs.)
CDMZ1631	1/6	29	295	295	1	4	35
CDMZ1699	1/6	29	295	295	1	4	varies

### SPECIFICATIONS FOR CURTAIN MACHINE MODELS: CDMZ1631 • CDMZ1699

Automatic curtain draw machine shall incorporate a 4" diameter helically scored drum, grooved for 3/16" operating line. The drum shall turn at a rate of 30 r.p.m. with a operating line travel speed is 29 ft./min. Connection from the drum shaft to the output shaft of the gear motor shall be made by direct coupling. Gear reducer and motor to be designed for continuous duty. The gear motor shall be a totally enclosed fan cooled 1/6 h.p., 115/230 VAC single phase, permanent split capacitor design. In-line gearing shall be of precision machined steel, with first stage steel helical gear followed by spur type gears. Lubrication to be semi-fluid grease. Output shafts to be made of hardened steel and rotate on needle bearings. An enclosed industrial control 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 interlocks. A main disconnect switch shall be provided in the control, starter and relay cabinet with separate circuit protection for motor and control circuit. The disconnect switch shall supply all power and control energy to system. An "open", "closed" and "stop" pushbutton shall be located in the cabinet for local operation (remote control is optional). Each machine is to be equipped with a rotary cam limit switch driven by sprocket and chain from the shaft of the scored drum. 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 CDMZ1631 (cable travel = 17 feet) or Model CDMZ1699 (cable travel = 30 feet) as fabricated by Tiffin Scenic Studios, Inc. Tiffin, Ohio.