

Draw Curtain Machine

Macho DCM15	Draw Curtain Machine for max 15m wide c/w (1)control station
Macho DCM25	Draw Curtain Machine for max 25m wide c/w (1)control station



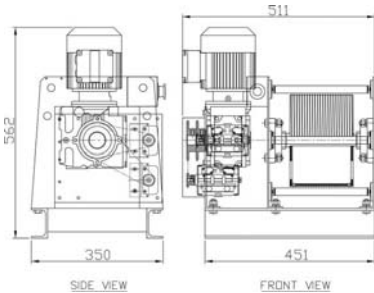
Our new Macho series member, Macho Draw Curtain Machine, provides the automatic control for the Front curtain in most stages. It can operate bi-parting curtain system of up to 25m wide. It employs a highly reliable, compact and efficient Japanese motor. It is easy to install and once installed, no maintenance is required for years.



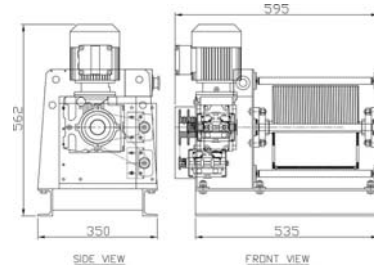
Macho Draw Curtain Machine



Macho DCM15



Macho DCM25



Environmental Data

Operation humidity	5-95% non-condensing
Operation temperature	0-40°C (32-104°F)

Physical Data

Model	DCM15	DCM25
Net weight (kg)	65	70
Gross weight (kg)	65	80
Packing size (mm)	520*430*720	580*430*720

Ordering Information

Model	Order number
DCM15	TG10
DCM25	TG20

Operation Data

Curtain Track	Suitable for bi-parting, straight or curved curtain track (e.g. H&H 300 or 500 series)
Cable Speed	0.45m/sec
Control Station	Open, Stop and Close Button; When Open/ Close button is pressed, motor runs latched until limit switch reached or Stop button pushed. (one station supplied together with machine.)
Electrical connection	Circuits via multi-core cable attached by the cable gland to the top/ bottom of the end connector box and connected to the terminals inside.

Mechanical Data

Drum	Precision machined Helically-grooved drum of Ø245mm, in various length: DCM15: 23 grooves DCM25: 35 grooves with spring-loaded cable tension device acted on guide-pulleys, mounted to heavy steel channel base
Output Torque	90 Nm
Gear Reducer	1:40 Single reduction hyponic gear for continuous duty
Drawing Rope	Ø 5mm steel wire rope, with 3 dead wraps at drum

Electrical Data

Gear Motor	0.4kW, 1:40 gear, 380V 3 phase 50Hz
Main and Control input	380V 3phase 50Hz via 4 x 1.5mm ² + GND (power) 3 x 1mm ² 24VDC (for control station)
Safety Switch	Adjustable mechanical open and close limit switch
Motor control box	With 3 phase isolator, contactor overload protection, mechanical and electrical interlocks, 24VDC control circuit, local push button control, E-stop

Installation Data

Mounting method	Fix on structural platform by 4 x M8 bolt and nut
Alignment	To be centre aligned with curtain track; guide-pulley around 400mm below track double end pulley
Distance from drum to track double end pulley	To keep wire run smooth, distance has to be maintained as below: DCM15: 1600mm DCM25: 2700mm