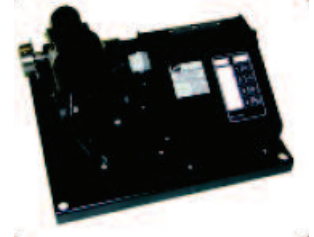


SCREENS... AND MUCH MORE!

- Microprocessor based motion control.
- 10 programmable positions.
- 4 different speeds.
- Remote keypad available.
- 120 VAC or 220 VAC, 50 or 60 Hz.
- Ramped start and stop operation.
- 1/4 or 1/2 Horse Power.
- Optional DMX control.
- CSA certified File LR108997.
- Can be customized upon request.

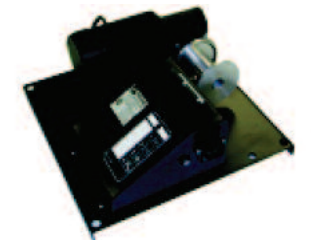
HS443K

The HS443K features an output shaft on each side of the gearbox which is fitted with a sprocket (21 teeth; for chain #35). (1 sprocket supplied with motor, additional sprocket options available).



HS443DK

The HS443DK has the same features that the HS443K but supplied with a 3 inches wide cable drum on the shaft instead of a sprocket.



HD443K

The HD443K is primarily used to operate curtains horizontally. The HD443K will motorize its load through a grooved cable drum. There is a second output shaft which can be fitted with a sprocket or a 3 inches wide cable drum.



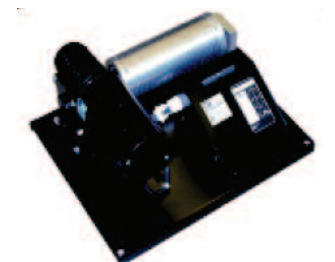
HS471K

The HS471K is designed to operate heavy masking vertically. The HS471K is fitted with a sprocket (21 teeth; for chain #35). There is one output shaft available on the HS471K.



HD471K

The HD471K is used to operate heavy curtains or masking vertically. The HD471K utilizes a grooved cable drum.



OPTIONS

You may need additional features or options. Be sure to specify the option you need when ordering.

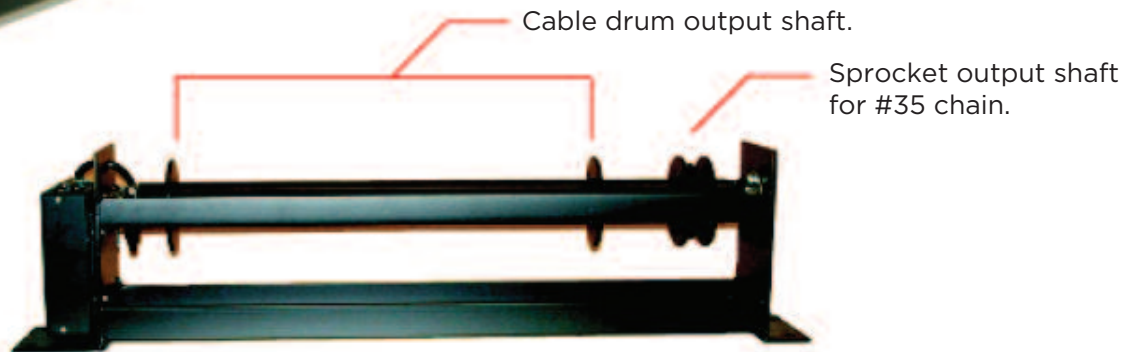
- Chain: #35 X 10 feet.
- Cables: Polyester 3/16" shrouded steel cable.
- Remote keypad with cable.
- Drum: 3 inches wide cable drum.
- Sprocket: 21 teeth sprocket for #35 chain.
- DMX control system

- 141 LBS-IN or 352 LBS-IN.
- Ideal for Top-Bottom or side masking.
- 120 VAC or 220 VAC, 50 or 60 Hz.
- Sprocket/Cable drum output shaft.
- Ideal for Open-Close masking.
- Wireless Remote Control included.
- Economical masking solution.
- UL certified.



The AC series masking motor is our most economical masking solutions. It combines a sprocket and cable drum output shaft for a better versatility.

This new line of masking motor is ideal for any 2 positions requirement and it is suited for any type of masking (top, bottom and side).



OPTIONS

You may need additional features or options. Be sure to specify the option you need when ordering.

- Chain: #35 X 10 feet.
- Cables: Polyester 3/16" shrouded steel cable.
- Remote keypad with cable.

AC116-36 / AC216-30

The AC116-36 (110VAC) or the AC216-30 (220VAC) are designed for small masking applications.

AC140-15 / AC240-12

Have large or heavy masking? No problem, the AC140-15 (110VAC) or the AC240-12 (220VAC) will take care of it. They are specially designed for heavy masking applications.

WARRANTY

The MDI warranty is limited to repair within one (1) year of purchase. MDI cannot be held responsible for transportation, storage, installation, usage or delays. Items manufactured to customer specifications are non refundable. A 15 % restocking charge will be invoiced for returned functional items. Interest of 2 % per month on overdue invoice will be charged. The warranty does not include shipping and handling fees.



AC SERIES

K SERIES

Model #	AC116-36	AC140-15	AC216-30	AC240-12	HS443K	HS443DK	HD443K	HS471K	HD471K
Speed FPM (m/sec) Sprocket	31 (0.16)	13 (0.07)	26 (0.13)	10 (0.05)	10 - 40 (0.04 - 0.02)	—	—	8.5 - 34 (0.04 - 0.17)	—
Speed FPM (m/sec) Cable Drum	19 (0.1)	8 (0.04)	16 (0.08)	7 (0.03)	—	10 - 40 (0.04 - 0.2)	16 - 65 (0.08 - 0.33)	—	12.5 - 50 (0.06 - 0.25)
Operating Voltage	110 VAC	110 VAC	220 VAC	220 VAC	110/220 VAC	110/220 VAC	110/220 VAC	110/220 VAC	110/220 VAC
Amp. Max.	2.3 A	2.3 A	0.63 A	1.02 A	2.5 A	2.5 A	2.5 A	6.5 A	6.5 A
RPM	36	15	30	12	62	62	62	48	48
Torque lbs/in (N.m)	141 (16)	352 (40)	141 (16)	352 (40)	109 (12,6)	109 (12,6)	109 (12,6)	440 (50)	440 (50)
Power HP (watts)	0.35 (260)	0.35 (260)	0.2 (150)	0.33 (241)	0.25 (185)	0.25 (185)	0.25 (185)	0.66 (500)	0.66 (500)
Max. Load Sprocket Lbs (kg)	85 (38)	200 (90)	85 (38)	200 (90)	90 (41)	—	—	320 (145)	—
Max. Load Cable drum Lbs (kg)	140 (63)	320 (145)	140 (63)	320 (145)	—	90 (41)	50 (23)	—	200 (90)
System Limit Revolutions	33	33	33	33	200	200	200	200	200
Programmable Positions	2	2	2	2	10	10	10	10	10
Ramped Start & Stop	X	X	X	X	✓	✓	✓	✓	✓
Maximum Displacement Feet (m)	Sprocket: 28 (8.5) Cabledrum: 17 (5.2)	Sprocket: 28 (8.5) Cabledrum: 17 (5.2)	Sprocket: 28 (8.5) Cabledrum: 17 (5.2)	Sprocket: 28 (8.5) Cabledrum: 17 (5.2)	142 (43.3)	142 (43.3)	30 (9.1)	142 (43.3)	30 (9.1)
Programmable Speed	X	X	X	X	✓	✓	✓	✓	✓