

# ALTMAN



## Stage Accessories, Fixture Accessories, Effects Equipment and Supplies

THE QUALITY OF LIGHT

Altman Stage Lighting Company, Inc., 57 Alexander Street, Yonkers, NY 10701 • 914-476-7987 or 212-569-7777. FAX: 914-963-7304

Web site: [www.altmanlta.com](http://www.altmanlta.com)

## STANDS, CROSSBARS & TEES

Adjustable Stands are used to support lighting fixtures or other equipment from the floor. When a cross bar is added to the top of a stand, the combination becomes a *light tree* which will allow for the mounting of two or more fixtures, depending on the cross bar used. The sliding tees can be set anywhere on the crossbar, and allow for the attachment of the fixtures to the crossbar. All stands above telescope to allow for variable height adjustments. All items are finished in baked black enamel.



- 524-18** Adjustable 5' to 9' Telescoping w/ B-18 Base
- 525-18** Adjustable 3' to 5' Telescoping w/ B-18 Base
- 526/3-5** Adjustable 3' to 5' Telescoping w/ B-3-CB Base
- 526/5-9** Adjustable 5' to 9' Telescoping w/ B-3-CB Base
- CROSS-18-2** 18" w/ Two Sliding Tees (w/ 1/2" -13 bolt & washer)

Longer lengths available in 6" increments. To order longer lengths, substitute the number of inches for "-18" (60" max.). Additional Tees (w/ bolt & washer) available. To order, substitute the number of sliding tees (w/ bolt & washer) desired for "-2".

- TEE** Cast Iron Sliding Tee for 1/2" Pipe. Includes 1/2" -13 Fixture Attachment Bolt

## BASES



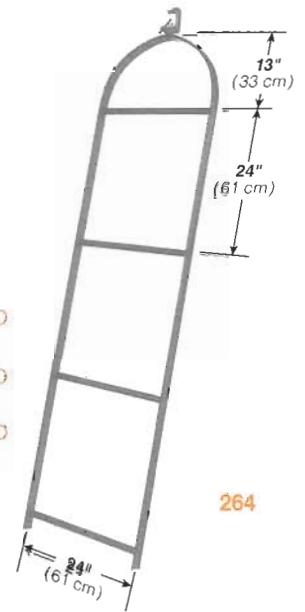
Bases are generally used in conjunction with standard iron pipe to create a variety of stands or supports. The B-10 base is generally used without pipe, that is, a fixture is directly mounted to the base. Bases also may be used as weights or counterweights. All items are finished in baked black enamel.

- B-50** 50 lb., 22 3/8" Dia. Cast Iron, Threaded for 1 1/2" Pipe
- B-50-CB** B-50 Base w/ Heavy Duty Casters
- B-18** 25 lb., 18" Dia. Cast Iron, Threaded for 1" Pipe
- B-3-CB** 3 Legged w/ Casters. Threaded for 1 1/4" Pipe
- B-10** 8 lb., 10" Dia. Cast Iron, w/ 1/2" -13 Attachment Bolt

## LIGHT LADDERS

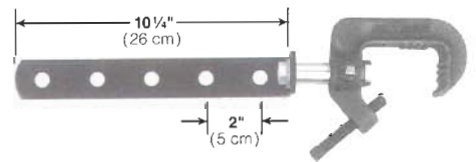
Ladders are constructed of steel bar stock channel stringers welded to schedule 40 steel pipe rungs. They are used to hang a group of luminaires from a single heavy duty pipe clamp. Baked black enamel finish.

- 262** 2 Rung Ladder w/ 510-HD Heavy Duty Pipe Clamp
- 263** 3 Rung Ladder w/ 510-HD Heavy Duty Pipe Clamp
- 264** 4 Rung Ladder w/ 510-HD Heavy Duty Pipe Clamp



## HANGING ARMS

Supplied in pairs, hanging arms are used to attach borderlights no longer than 10' in length to batten pipes. Altman hanging arms have five holes spaced 2" apart to allow for flexibility in mounting borderlights. Baked black enamel finish.



- 508** 10" 5-Position w/ 510 Pipe Clamp, pair

## SCENERY BUMPERS

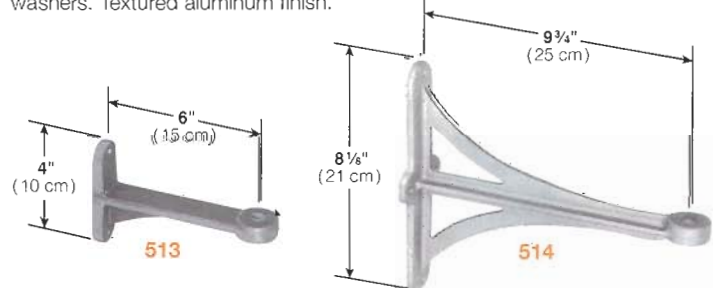
Scenery bumpers, when mounted to a batten pipe, prevent anything mounted on the batten from interfering with scenery or curtains when the batten is raised or lowered. Baked black enamel finish.



- 507** 18" Diameter w/ 510 Pipe Clamp

## WALL BRACKETS

Wall brackets are designed for attaching fixtures to scenery or other sturdy vertical structures. They are provided with a 1/2" -13 attachment bolt with washers. Textured aluminum finish.



- 513** Large Cast Aluminum w/ Four 1/4" Wall Mounting Holes
- 514** Small Cast Aluminum w/ Two 1/4" Wall Mounting Holes

## CLAMPS



Pipe clamps, or "C-clamps" are used for attaching stage luminaires or other equipment to pipe or tubular truss. The 510-2, the 521-A, and the 521-S clamps are designed specifically for securing one pipe to another. The 511 clamp is used to attach large diameter stage cable to a pipe.

- 510 Malleable Iron: for 3/4" to 1 1/2" Pipe.  
Includes 1/2" -13 Fixture Attachment Bolt
- 510-L 510 Pipe Clamp w/Long Fixture Attachment Bolt
- 510-HD Heavy Duty Malleable Iron: for 1/2" to 2" Pipe.  
Includes 1/2" -13 Fixture Attachment Bolt
- 510-HDL 510-HD Pipe Clamp w/Long Fixture Attachment Bolt
- 510-F Light Duty Flat Steel: for 1/4" to 1 1/2" Pipe.  
Includes 1/4" -20 Fixture Attachment Bolt
- 510-B Cast Aluminum Baby Pipe Clamp: for 1/4" to 3/4" Pipe.  
Includes 10-32 Fixture Attachment Bolt
- 510-M Cast Aluminum Baby Pipe Clamp: for 1/4" to 3/4" Pipe.  
Includes 5/16" -18 Fixture Attachment Bolt
- 510-2 Double 510 Pipe Clamps. Two clamps Secured  
Back-to-Back to a Common Stud
- 521-A Right Angle Clamp: for 1 1/4" to 1 1/2" Pipes
- 521-S Multiple Angle Swiveling Clamp:  
for 1 1/4" to 1 1/2" Pipes
- 511 Cast Aluminum: for 3/4" to 1 3/4" Cable and  
1" to 1 1/2" Pipe

## CABLE CRADLES



Cable cradles are used to support heavy stage cable from a batten pipe, while simultaneously preventing the cable from entering horizontal sight lines from the house, or audience area, to the stage. Textured aluminum finish.

- 512 Cast Aluminum: for 3/4" to 1 1/4" Cable
- 512-L Large Cast Aluminum: for 1 1/4" to 2 1/4" Cable

## PIPE STIFFENERS



A pipe stiffener is used by attaching the pipe clamp to a batten pipe while tying the loop to the cable supporting the batten. This prevents the batten pipe from rotating within its supports due to torques created by equipment mounted to the batten. Baked black enamel finish.

- 504-24 24" Pipe w/ Eyelet and 510 Pipe Clamp  
*Longer lengths available in 6" increments. To order longer lengths, substitute the number of inches for "-24" (48" max.).*

### STANDARD PIPE DIMENSIONS

Nominal Pipe Size	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Outside Diameter	.84	1.05	1.32	1.66	1.90	2.375
Inside Diameter	.62	.82	1.05	1.38	1.61	2.067

## HANGING IRONS

Hanging irons, although specially designed to support Altman Connector Strips, will accommodate any 3" x 4" connector strip. Baked black enamel finish.

- 300-HI Hanging Iron  
for 3" x 4"  
Connector Strips  
(pipe mounts above  
or below)
- 300-DHI Double Hanging Iron  
for 3" x 4"  
Connector Strips  
(pipe mounts  
above & below)



## EXTENSION CLAMPS



504A extension clamps are for extending the mounting position of luminaires from pipe battens. They are provided with a 510 pipe clamp on one end, and a 1/2"-13 attachment bolt with washers on the other. 506 extension clamps are provided with a 510 pipe clamp on each end for hanging one pipe from another. All items are finished in baked black enamel.

- 504A-24 24" Fixture Extension Clamp  
*Longer lengths available in 6" increments. To order longer lengths, substitute the number of inches for "-24" (96" max.).*
- 506-24 24" Double Pipe Clamp Extension  
*Longer lengths available in 6" increments. To order longer lengths, substitute the number of inches for "-24" (48" max.).*

## SIDE ARMS

A side arm is used to extend the mounting positions of luminaires or equipment from a vertical pipe or boom.

It comprises a 510 pipe clamp on one end of a length of 1/2" pipe, with one or more sliding tees mounted to the pipe for attaching luminaires or equipment. Baked black enamel finish.



- 509-12-1 12" Pipe w/One Sliding Tee (w/1/2"-13 bolt & washer)  
*Longer lengths available in 6" increments. To order longer lengths, substitute the number of inches for "-12" (36" max.).  
Additional Tees (w/bolt & washer) available. To order, substitute the number of sliding tees fw/bolt & washer) desired for "-1".*

## POLE LIGHT LIFTS



Pole light lifts allow fixtures to be easily raised and lowered from a single attachment point. Comprised of an offset 510 pipe clamp fastened to a 1/2" length of pipe in conjunction with a "stirrup" for attaching a fixture. Baked black enamel finish.

- 505-48 48" Locking Bolt Lift  
*Longer lengths available in 12" increments. To order longer lengths, substitute the number of inches for "-48" (120" max.).*

## BARN DOORS

An apparatus with adjustable flaps, or "barn doors" that are used to control light spill in a controlled manner. This item is available for most Altman luminaires.

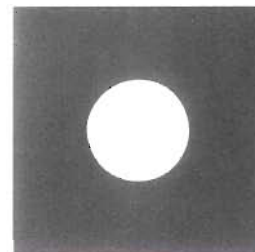
<b>MBD</b>	4 Leaf: MF, ME & MP Series
<b>100-BD</b>	2 Leaf: 100
<b>6-BD-4</b>	4 Leaf: 65 Series, 1KAF Series, PAR38, PAR56
<b>8-BD-4</b>	4 Leaf: 75 Series, PAR64, PAR64-AL, PAR56/64-EA
<b>QL-JR-BD4</b>	4 Leaf: Q-LITE-JR
<b>QL-BD4</b>	4 Leaf: Q-LITE
<b>F3-BD4</b>	4 Leaf: 300L
<b>F4-BD4</b>	4 Leaf: 650L
<b>F5-BD4</b>	4 Leaf: 1000L, 575SE
<b>F5-BD8</b>	8 Leaf: 1000L, 575SE
<b>F7-BD4</b>	4 Leaf: 1000S, 2000L, 1200SE
<b>F7-BD8</b>	8 Leaf: 1000S, 2000L, 1200SE
<b>F10-BD4</b>	4 Leaf: 2000S, 5000L, 2500SE, UV-703
<b>F10-BD8</b>	8 Leaf: 2000S, 5000L, 2500SE, UV-703
<b>F12-BD4</b>	4 Leaf: 5000S, 4000SE
<b>F12-BD8</b>	8 Leaf: 5000S, 4000SE



**6-BD-4**

## DONUTS

A metal plate used to increase the clarity of patterns in an ellipsoidal spotlight by reducing halation and sharpening the image. Available for most Altman ellipsoidal spotlights.



**6-DN**

<b>3.5Q-DN</b>	4 1/8" x 4 1/8" w/ 1 1/4" Hole: 3.5Q Series
<b>4.5-DN</b>	6 1/4" x 6 1/4" w/ 2 1/2" Hole: 4.5 Series, S6-20 thru -50
<b>6-DN</b>	7 1/2" x 7 1/2" w/ 3" Hole: 360 & 360Q, S6-12, S6-1535Z, S6-3055Z, 1KL6 Series
<b>8-DN</b>	10" x 10" w/ 4" Hole: 1KL8 Series

## COLOR WHEELS

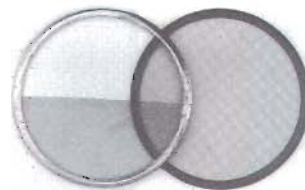
A wheel-like device to which 5 colors of gel can be attached. These wheels can be rotated manually or by a motor in such a manner that any one specific color gel can be placed in front of a luminaire with relative ease.



**195A-6**

<b>195A-4.5</b>	Manual: 4.5 Series, S6-20 thru -50, PAR46
<b>195A-6</b>	Manual: 65 Series, 1KAF, 360 & 360Q, S6-12, S6-1535Z, S6-3055Z, 1KL6 Series, PAR38, PAR56
<b>195A-8</b>	Manual: 75 Series, 1KL8 Series, PAR64 Series
<b>100-MCW</b>	Motorized: 100
<b>404-4.5</b>	Motorized: 4.5 Series, S6-20 thru -50, PAR46
<b>404-6</b>	Motorized: 65 Series, 1KAF, 360 & 360Q, S6-12, S6-1535Z, S6-3055Z, 1KL6 Series, PAR38, PAR56
<b>404-8</b>	Motorized: 75 Series, 1KL8 Series, PAR64 Series

## SCRIMS



**F4-HD F4-FD**

A round, framed metal screen, available in various densities, that acts as a dimmer when placed in front of a luminaire. They are also available so that only half of the frame is screened, allowing for only a portion of the light to be dimmed.

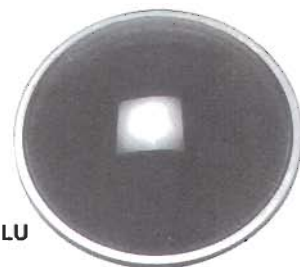
<b>F3-*</b>	5" Diameter: 300L
<b>F4-*</b>	6 5/8" Diameter: 650L
<b>F5-*</b>	7 3/4" Diameter: 1000L, 575SE
<b>F7-*</b>	9" Diameter: 1000S, 2000L, 1200SE
<b>F10-*</b>	13" Diameter: 2000S, 5000L, 2500SE, UV-703
<b>F12-*</b>	15 1/2" Diameter: 5000S, 4000SE

\*To order scrims, substitute the following:

**FS** = Full Single Density, **HS** = Half Single Density, **FD** = Full Double Density, **HD** = Half Double Density, or **SC-SET** = one each of the four density types.

## ROUNDELS

Heat resistant colored glass roundels are used in border, cyc and footlights to provide permanent color washes. Roundels are also stocked as spread beam (50°) for smooth textured lighting effects.



**RNDL-4-BLU**

<b>RNDL-4-*</b>	4" Smooth Roundel: DF-400, 520
<b>RNDL-5-*</b>	5 5/8" Smooth Roundel: DF-558, 528, R40
<b>RNDL-5-50-*</b>	5 5/8" 50° Spread Roundel: DF-558, 528, R40
<b>RNDL-7-*</b>	7 9/16" Smooth Roundel: 537, PAR56-B, PAR64-B
<b>RNDL-7-50-*</b>	7 9/16" 50° Spread Roundel: 537, PAR56-B, PAR64-B
<b>RNDL-8</b>	8" Roundel, clear: UV-704 Model
<b>RNDL-8-M</b>	8" Medium Spread Roundel, clear: UV-704 Model
<b>RNDL-8-VW</b>	8" Very Wide Spread Roundel, clear: UV-704 Model

\*To order roundels, substitute the following:

**AMB** = amber, **BLU** = blue, **CLR** = clear, **GRN** = green, **RED** = red

## FLOOR TRUNNIONS



**FT**

**CFT**

Supplied in pairs, floor trunnions are attached to portable borderlights that are to be mounted on the floor. Altman FT and CFT trunnions have two fixture mounting holes to allow for flexibility. Double trunnions allow for mounting two units on one set of trunnions. ZS series trunnions are specially designed for Zip Strips, and MICS series trunnions are specially designed for Micro Strips. All items are finished in baked black enamel.

<b>FT</b>	10 1/2" Floor Trunion, pair
<b>CFT</b>	Castered 10 1/2" Floor Trunion, pair
<b>ZS-FT</b>	7" Floor Trunion, pair
<b>ZS-CFT</b>	Castered 7" Floor Trunion, pair
<b>ZS-DFT</b>	17" Double Floor Trunion, pair
<b>ZS-CDFT</b>	Castered 17" Double Floor Trunion, pair
<b>MICS-FT</b>	4" Floor Trunion, pair
<b>MICS-DFT</b>	8" Double Floor Trunion, pair

## SAFETY CABLE



A steel cable that has a clip on one end and a loop on the other. It is intended to be threaded through a piece of hanging equipment and around a support structure, such as a pipe batten, and then clipped to its loop. It then acts as a safety support should the primary support for the equipment fail.

<b>SC</b>	36" Safety Cable with Spring Clip: For All Fixtures
<b>SC-BLK</b>	Black Safety Cable with Spring Clip: For All Fixtures

## COLOR FRAMES

A metal or plastic frame used to add support to color media on a luminaire. Available for most Altman lighting fixtures.



<b>MCF</b>	3 3/8" x 3 3/8": MF Series, ME Series, MP Series
<b>MDCF</b>	Dichroic Lens Assembly: MF, ME, & MP Series
<b>100-CF</b>	3 3/4" x 3 3/4": 100
<b>3.5Q-CF</b>	4 1/8" x 4 1/8": 3.5Q Series
<b>4.5-CF</b>	6 1/4" x 6 1/4": 4.5 Series, S6-20 thru -50, PAR46
<b>4.5-CFB</b>	6 1/4" x 6 1/4" Black: 4.5 Series, S6-20 thru -50, PAR46
<b>6-CF</b>	7 1/2" x 7 1/2": 65 Series, 1KAF, 360 & 360Q, S6-12, S6-1535Z, S6-3055Z, 1KL6 Series, PAR38, PAR56
<b>6-CFB</b>	7 1/2" x 7 1/2" Black: 65 Series, 1KAF, 360 & 360Q, S6-12, S6-1535Z, S6-3055Z, 1KL6 Series, PAR38, PAR56
<b>8-CF</b>	10" x 10": 75 Series, 1KL8 Series, PAR64 Series
<b>8-CFB</b>	10" x 10" Black: 75 Series, 1KL8 Series, PAR64 Series, OUTDOOR-PAR64, UV-704
<b>TEN-CF</b>	12" x 12": S6-10, 1KL10-5
<b>TEN-CFB</b>	12" x 12" Black: S6-10, 1KL10-5
<b>TWE-CF</b>	14" x 14": S6-5
<b>TWE-CFB</b>	14" x 14" Black: S6-5
<b>153-CF</b>	10 1/2" x 10 1/2": 153
<b>154/160-CF</b>	15 3/4" x 16": 154, 160
<b>155-CF</b>	19" Diameter, 2 Piece: 155
<b>161-CF</b>	16" Diameter, 2 Piece: 161
<b>R40-CF</b>	5 3/4" x 6 3/4": R40
<b>R40-COMBO</b>	5 3/4" x 6 3/4", 2 Piece: R40
<b>56B-CF</b>	7 3/4" x 8": PAR56-B
<b>56B-COMBO</b>	7 3/4" x 8", 2 Piece: PAR56-B
<b>64B-CF</b>	8 3/4" x 9 1/2": PAR64-B
<b>64B-COMBO</b>	8 3/4" x 9 1/2", 2 Piece: PAR64-B
<b>ZS-CF</b>	4 3/4" x 4 3/8": Zip Strip (one frame per 2 lamps)
<b>MICS-CF</b>	2 5/8" x 20": Micro Strip (one frame per 10 lamps)
<b>GC-CF</b>	8 3/4" x 13", 2 Piece: Ground Cyc
<b>SC-CF</b>	15 1/2" x 15 7/8", 2 Piece: SKY-CYC Series
<b>SL-JR-CF</b>	8 3/4" x 8 3/4", 2 Piece: SOFT-LITE-JR
<b>SL-CF</b>	8 3/4" x 19", 2 Piece: SOFT-LITE
<b>QL-CF</b>	4 1/4" x 6 x 3 1/2" deep, 3 Piece: Q-LITE-JR, Q-LITE
<b>F3-FF</b>	5" Diameter, Hinged: 300L
<b>F4-FF</b>	6 5/8" Diameter, Hinged: 650L
<b>F5-FF</b>	7 3/4" Diameter, Hinged: 1000L, 575SE
<b>F7-FF</b>	9" Diameter, Hinged: 1000S, 2000L, 1200SE
<b>F10-FF</b>	13" Diameter, Hinged: 2000S, 5000L, 2500SE, UV-703
<b>F12-FF</b>	15 1/2" Diameter, Hinged: 5000SE, 4000SE

Specifications may vary from time of printing.

## SNOOTS

Snoots, or top hats, are devices used to reduce light spill. This accessory is available for most Altman lighting fixtures.



6-SN

<b>100-SN</b>	3 3/4" x 3 3/4": 100
<b>3.5Q-SN</b>	4 1/8" x 4 1/8": 3.5Q Series
<b>4.5-SN</b>	6 1/4" x 6 1/4": 4.5 Series, PAR46
<b>S6-4.5-SN</b>	6 1/4" x 6 1/4": S6-20 thru -50
<b>6-SN</b>	7 1/2" x 7 1/2": 65 Series, 1KAF Series, 360 & 360Q, 1KL6 Series, PAR38, PAR56
<b>S6-6-SN</b>	7 1/2" x 7 1/2": S6-12, S6-1535Z, S6-3055Z
<b>8-SN</b>	10" x 10": 75 Series, 1KL8 Series, PAR64 Series
<b>TEN-SN</b>	12" x 12": 1KL10-5, S6-10
<b>OD-P64-SN</b>	Combination Snoot/Color Frame Holder (8-CF included): OUTDOOR-PAR64
<b>704-SN</b>	Combination Snoot/Color Frame Holder, Black (8-CFB included): UV-704
<b>F3-SN</b>	2 in 1 Set: 300L
<b>F4-SN</b>	2 in 1 Set: 650L
<b>F5-SN</b>	3 in 1 Set: 1000L, 575SE
<b>F7-SN</b>	3 in 1 Set: 1000S, 2000L, 1200SE
<b>F10-SN</b>	3 in 1 Set: 2000S, 5000L, 2500SE, UV-703
<b>F12-SN</b>	3 in 1 Set: 5000S, 4000SE

## PATTERN HOLDERS

Supports for positioning patterns, or templates, in the optical center of ellipsoidal spotlights. A steel channel pattern holder is available for most ellipsoidals. An aluminum holder with three tabs to permit axial orientation of a pattern is supplied with the 1KL Series.



<b>MEPH</b>	1 1/2" Diameter Image Area: ME Series
<b>3.5Q-PH</b>	2" Diameter Image Area: 3.5Q Series
<b>360-PH</b>	2 3/4" Diameter Image Area: 360 & 360Q, S6 Series, 4.5 Series
<b>1KL6-PH</b>	2 3/4" Diameter Image Area: 1KL6 Series, S6 Series
<b>S6-GPH</b>	Pattern Holder for Glass Patterns, S6 Series

## DROP-IN IRIS

A plate that contains an iris, (a mechanical means of varying the diameter of a beam of light), which can easily be inserted or removed from an ellipsoidal spotlight.



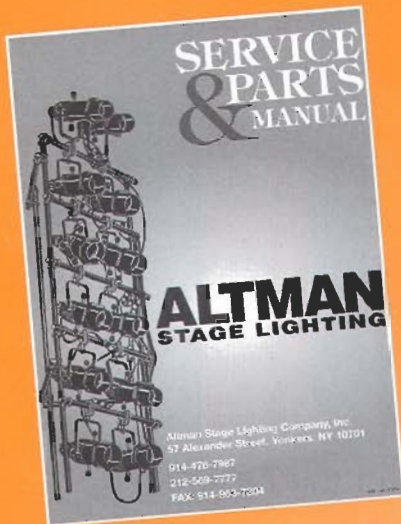
SDii

<b>SDii</b>	Drop-in 3" Iris: S6 Series
<b>Dii</b>	Drop-in 3" Iris: 1KL Series (not available for 2040Z)

# ALTMAN

THE QUALITY OF LIGHT

## HAS IT ALL!



### ALTMAN SERVICE & PARTS MANUAL

Altman Service & Parts Manual includes parts lists, drawings, schematics, and instructions for most Altman products. Free updates are provided.

**PART-MAN** Altman Parts Manual



### STAGEHAND WRENCH

The stagehand wrench accommodates the most commonly used bolt heads and T-handles found on theatrical luminaires and equipment.

**WRENCH** Altman Multi-purpose Stagehand Wrench

### BUBBLE MACHINE

This machine is designed to produce a continuous stream of bubbles ranging from 2" to 8" in diameter. The fan and air deflector force the bubbles to float upwards as high as 20' in the air. The bubble machine is all cast aluminum construction with durable motors for continuous operation. The bubble fluid reservoir will allow 5 to 8 hours of operation between refilling. The machine operates on 120 VAC, size is 14" long by 10" high by 10" wide. Bubble fluid is available in 1 gallon containers.

**BM** Bubble Machine



### ALTMAN DRAFTING TEMPLATE

The Altman Drafting Template is ideal for amateur and professional lighting designers alike for use in constructing lighting plots. All templates are standard 1/2" scale.

**DT-ALTMAN** Drafting Template

### SOCKETS

Altman Stage Lighting has a wide range of electrical sockets. For information consult your Service & Parts Manual or contact your Altman dealer.



An authorized Altman dealer: