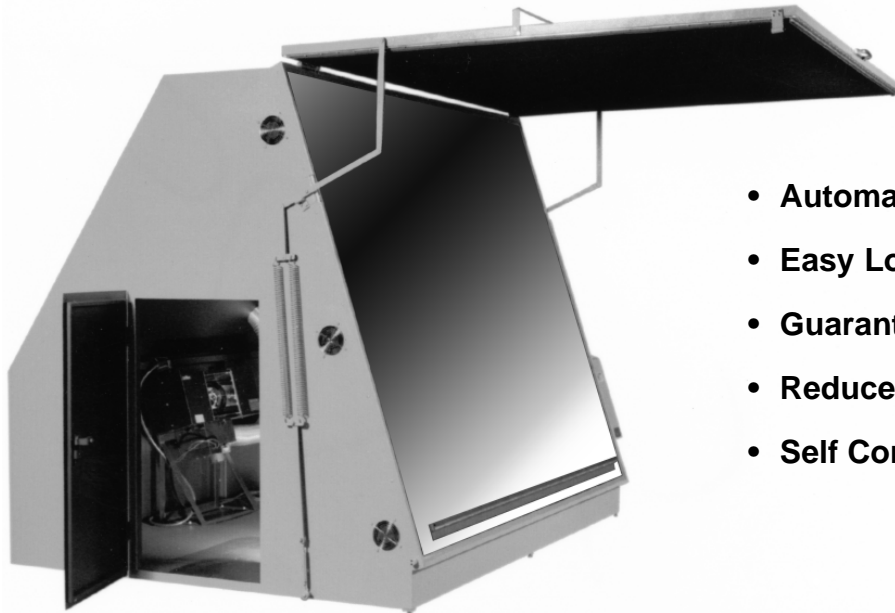


# DOUTHITT HEAVY DUTY DIRECT METHOD SCREENMAKER MODEL DMH

***Optimum Loading Height for Large Format Screens in a  
Self Contained Exposure Unit***



- Automated Start and Cancel
- Easy Loading Height
- Guaranteed Coverage
- Reduce Floor Space
- Self Contained Light Source

**Finger Tip Control of Blanket frame is achieved by exclusive, patented spring and fulcrum system that also clamps automatically.**

## ***PRICE INCLUDES:***

- (1) Complete 5000 Watt Metal Halide Printing Lamp Assembly\*.
- (2) Glass down design. Simply load, close, expose.
- (3) No limit to height of screen because of special Douthitt "Deep Draw" Black Blanket. Under vacuum, this blanket swiftly molds itself to the shape of the screen frame and holds your positive in perfect contact.
- (4) Douthitt Heavy Duty Model Magic 83 10 channel memory combination light integrator and digital timer.
- (5) Completely automatic operation. Vacuum delay and light exposure activated by closing the frame.
- (6) Cooling fans to insure against excessive heat build-up.
- (7) Heavy duty pump and motor.
- (8) Instrument panel conveniently mounted on side of unit.
- (9) All heavy gauge metal construction.
- (10) Large convenient access door on left side of unit.

| Size      | Inside Blanket Beading | Price       | Crating | Floor Space | Approx. Crated Weight |
|-----------|------------------------|-------------|---------|-------------|-----------------------|
| 70 x 90   |                        | \$20,125.00 | No chg. | 74 x 106    | 2300 lbs.             |
| 70 x 120* |                        | 29,745.00   | No chg. | 68 x 136    | 3200 lbs.             |
| 82 x 154* |                        | 37,745.00   | No chg. | 81 x 170    | 4600 lbs.             |
| 86 x 190* |                        | 42,745.00   | No chg. | 83 x 206    | 4900 lbs.             |

\* DMH's over 100" long include two 5000 Watt Printing Lamp Assemblies.

**Larger sizes available - prices on request**

## **OPTIONAL ACCESSORIES:**

- (A) Douthitt Heavy Duty Silent Air Pump instead of standard pump and motor (this pump requires compressed air) ..... Add \$ 395.00
- (B) 8000 Watt Metal Halide Printing Lamp assembly instead of standard lamp ..... Add \$1,275.00 per lamp

Manufactured by: The Douthitt Corporation, 245 Adair St., Detroit, Michigan 48207-4287  
Toll Free 1-800-DOUTHIT(T) Phone 313-259-1565  
Established 1919 · Fax No. 313-259-6806  
HTTP://www.douthittcorp.com · E-Mail: em@douthittcorp.com

# DOUTHITT HEAVY DUTY DIRECT METHOD SCREENMAKER MODEL DMZ

- Reduce Floor Space
- Self Contained Light Source



- Automated Start and Cancel
- Easy Loading Height
- Guaranteed Coverage



Finger Tip Control of Blanket frame is achieved by exclusive, patented spring and fulcrum system that also clamps automatically.

## PRICE INCLUDES:

- (1) Complete 5000 Watt Metal Halide Printing Lamp Assembly.
- (2) Glass down design. Simply load, close, expose.
- (3) No limit to height of screen because of special Douthitt "Deep Draw" Black Blanket. Under vacuum, this blanket swiftly molds itself to the shape of the screen frame and holds your positive in perfect contact.
- (4) Douthitt Heavy Duty Model Magic 83 10 channel memory combination light integrator and digital timer.
- (5) Completely automatic operation. Vacuum delay and light exposure activated by closing the frame.
- (6) Cooling fans to insure against excessive heat build-up.
- (7) Heavy duty pump and motor.
- (8) Instrument panel conveniently mounted on side of unit.
- (9) All heavy gauge metal construction.
- (10) Large convenient access door on left side of unit.

Sizes up to 99 x 199. Details upon request.

| Size Inside<br>Blanket<br>Beading | Price       | Crating | Floor<br>Space | Approx.<br>Crated<br>Weight |
|-----------------------------------|-------------|---------|----------------|-----------------------------|
| 53 x 66                           | \$14,595.00 | No chg. | 65 x 82        | 1100 lbs.                   |
| 66 x 74                           | 16,795.00   | No chg. | 79 x 92        | 1400 lbs.                   |
| 68 x 80                           | 17,895.00   | No chg. | 82 x 96        | 1900 lbs.                   |
| 68 x 89                           | 19,195.00   | No chg. | 82 x 105       | 2200 lbs.                   |

Electrical Specifications – 220 Volt, Single Phase

## OPTIONAL ACCESSORIES:

- (A) Douthitt Heavy Duty Model 26 Silent Air Pump instead of standard pump and motor (this pump requires compressed air) see page 16 for details ..... Add \$ 395.00
- (B) 8000 Watt Metal Halide Printing Lamp assembly instead of standard lamp ..... Add \$1,275.00

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# DOUTHITT Direct Method Screenmaker

## *With Self-Contained Printing Lamp*

### *Safe—Fast—Pollution Free*



NOW STANDARD WITH A 3000 WATT LAMP

## MODEL DMA

### PRICE INCLUDES:

- (1) Complete 3000 Watt Metal Halide Printing Lamp Assembly. Shorter exposures, pollution free and longer bulb life with no fall off! This lamp is the ideal light source for screen type emulsions.
- (2) Exclusive glass down design. Simply load, close and expose.
- (3) No limit to height of screen because of special Douthitt "Deep Draw" Black Blanket. Under vacuum, this blanket swiftly molds itself to the shape of the screen frame and holds your positive in perfect contact. The Blanket is secured to structural steel tubing and the blanket frame is raised and lowered by exclusive sliding toggle.
- (4) Heavy Duty Vacuum Pump and Motor.
- (5) Cooling fans to insure against excessive heat build up.



**Safe – No exposed printing rays!**  
**Flexible – No limit on depth of screen!**  
**Simple to Operate – Load – Close – Expose**

- (6) Heavy Optic clear A-1 Select Glass anchored to structural steel tubing to withstand pressure of the heaviest screen frame under vacuum.
- (7) Heavy Duty Digital Automatic Reset Timer.
- (8) Built in safety features: (A) The shutter on the lamp cannot be opened when the blanket frame is in a raised position. (B) When the front access door is opened, all power is cut off. (C) No exposed printing rays.
- (9) Bleeder Valve.
- (10) Instrument panel conveniently mounted on side of unit with the following:
  - (a) Vacuum Switch
  - (b) Vacuum Gauge
  - (c) Digital Timer
  - (d) Bleeder Valve
- (11) All Heavy Gauge Metal Construction.
- (12) Unit finished in easy to clean, long wearing Epoxy Enamel.
- (13) Vacuum automatically cancels after exposure.

### OPTIONAL ACCESSORIES:

- (A) 5000 Watt Metal Halide Printing Lamp Assembly instead of standard lamp..... Price on Request
- (B) Douthitt Heavy Duty Model 26 Silent Air Pump instead of standard pump and motor (this pump requires compressed air) see page 16 for details..... Add \$395.00
- (C) Douthitt Heavy Duty Model MAGIC 83 Combination Light Integrator and Digital Timer in lieu of Timer. Integrator comes complete with vacuum time delay for one button automation. Details on page 16 ..... Add \$625.00

| Size Inside<br>Blanket<br>Beading | Price     | Crating | Floor<br>Space | Approx.<br>Crated<br>Weight |
|-----------------------------------|-----------|---------|----------------|-----------------------------|
| 31 x 41                           | \$8095.00 | No chg. | 40 x 56        | 500 lbs.                    |
| 37 x 47                           | 8395.00   | No chg. | 46 x 62        | 600 lbs.                    |
| 42 x 52                           | 8895.00   | No chg. | 51 x 67        | 700 lbs.                    |
| 52 x 52                           | 9475.00   | No chg. | 61 x 67        | 850 lbs.                    |
| 46 x 60                           | 9775.00   | No chg. | 55 x 75        | 875 lbs.                    |

Electrical Specifications—230 Volt, Single Phase, A.C. Maximum Amperage—3000 Watt Model 25 Amps, 5000 Watt Model 35 Amps.

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# DOUTHITT HEAVY DUTY DIRECT METHOD SCREENMAKER

## MODEL DMZ-T

### PRICE INCLUDES:

- (1) Complete 2300 Watt Metal Halide Printing Lamp Assembly.
- (2) Glass down design. Simply load, close, expose.
- (3) No limit to height of screen because of special Douthitt "Deep Draw" Black Blanket. Under vacuum, this blanket swiftly molds itself to the shape of the screen frame and holds your positive in perfect contact.
- (4) Douthitt Heavy Duty Model Magic 83 10 channel memory combination light integrator and digital timer.
- (5) Completely automatic operation. Vacuum delay and light exposure activated by closing the frame.
- (6) Cooling fans to insure against excessive heat build-up.
- (7) Heavy duty pump and motor.
- (8) Instrument panel conveniently mounted on side of unit.
- (9) All heavy gauge metal construction.
- (10) Large convenient access door on left side of unit.



| Size Inside Blanket Beading | Price       | Crating | Floor Space | Approx. Crated Weight |
|-----------------------------|-------------|---------|-------------|-----------------------|
| 41 x 56                     | \$11,295.00 | No chg. | 55 x 71     | 900 lbs.              |
| 46 x 60                     | 11,795.00   | No chg. | 56 x 75     | 1000 lbs.             |

# DOUTHITT HEAVY DUTY DIRECT METHOD SCREENMAKER MODEL DME

### PRICE INCLUDES:

- (1) 1000 Watt Metal Halide Printing Lamp.
- (2) Douthitt Heavy Duty Model Magic 83 10 channel memory combination light integrator and digital timer. Integrator comes complete with vacuum time delay for one button automation.
- (3) No limit to height of screen because of special Douthitt "Deep Draw" Black Blanket. Under vacuum, this blanket swiftly molds itself to the shape of the screen frame and holds your positive in perfect contact.
- (4) Heavy Duty Vacuum Pump and Motor.
- (5) Vacuum Relief Bleeder Valve.
- (6) Loads Glass Down.
- (7) Effortless raising and lowering of the blanket frame.
- (8) All Heavy Gauge Welded Construction.
- (9) Bottom and Back are left open to facilitate cooling.



| Size Inside Blanket Beading | Price      | Crating | Floor Space | Approx. Crated Weight |
|-----------------------------|------------|---------|-------------|-----------------------|
| 33 x 41                     | \$5,545.00 | No chg. | 40 x 52     | 450 lbs.              |
| 35 x 46                     | 5,945.00   | No chg. | 42 x 57     | 500 lbs.              |

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# DOUTHITT Direct Method Twin Frame Screenmaker

- Load One Frame While Other Frame is Exposing
- Fastest Production Speed
- No Exposed Printing Rays
- Power Driven Vacuum Frames on Heavy Duty Gear Track



## MODEL DMG

### PRICE INCLUDES:

- (1) Two complete vacuum frames with Douthitt's special "Deep Draw" Black Blanket. Under vacuum, this blanket swiftly molds itself to the shape of the screen frame and holds your positive in perfect contact.
- (2) Complete 5000 Watt Metal Halide Lamp Assembly. This lamp is the ideal light source for screen type emulsion. Shorter exposures, harder emulsion, and sharper detail than all others.
- (3) Douthitt Heavy Duty Model Magic 83 combination light integrator and digital timer with 10 channel memory.
- (4) Vacuum frames are power driven on heavy duty gear track with precision bearings.
- (5) Electronically controlled accelerating and decelerating motor for smooth operation.
- (6) Two heavy duty pumps and motors.
- (7) All heavy gauge metal construction.

| Size Inside<br>Blanket<br>Beading | Price       | Crating | Floor<br>Space | Approx.<br>Crated<br>Weight |
|-----------------------------------|-------------|---------|----------------|-----------------------------|
| 31 x 41                           | \$15,595.00 | No chg. | 64 x 73        | 850 lbs.                    |
| 37 x 47                           | 16,625.00   | No chg. | 70 x 85        | 950 lbs.                    |
| 42 x 52                           | 17,425.00   | No chg. | 75 x 95        | 1000 lbs.                   |
| 52 x 52                           | 18,125.00   | No chg. | 75 x 115       | 1200 lbs.                   |

Electrical Specifications – 220 Volt, Single Phase

### OPTIONAL ACCESSORIES:

- (A) Two Douthitt Heavy Duty Model 26 Silent Air Pumps instead of standard pumps and motors (these pumps require compressed air) see page 16 for details ..... Add \$ 790.00
- (B) 8000 Watt Printing Lamp assembly instead of standard lamp ..... Add \$1,275.00

## DOUTHITT Heavy Duty Screen Inspection Table



### PRICE INCLUDES:

- (1) All eleven items listed on page 33 for Douthitt Heavy Duty Layout Table.
- (2) Easily adjustable tilting top.
- (3) Extra illumination to make inspection of screens easy.
- (4) Tilts from 0° to 70°.
- (5) Adjustable screen bar to hold screens at most convenient height.

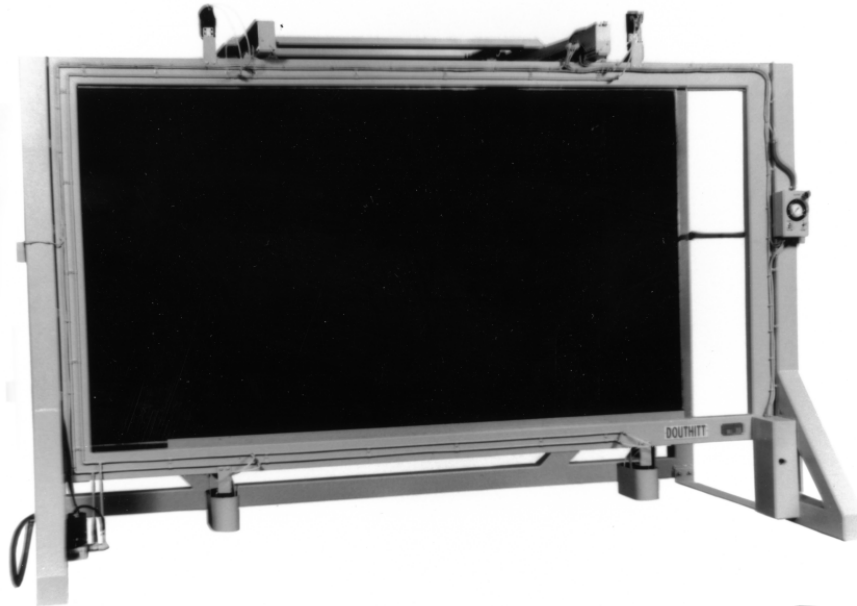
**Motorized Adjustment Available. Details on Request.  
Custom Sizes Available**

| Glass<br>Area | Price     | Crating | Overall<br>Size | Approx.<br>Crated<br>Weight |
|---------------|-----------|---------|-----------------|-----------------------------|
| 39 x 51       | \$3395.00 | No chg. | 47 x 58         | 450 lbs.                    |
| 49 x 59       | 3925.00   | No chg. | 56 x 66         | 550 lbs.                    |
| 64 x 76       | 5395.00   | No chg. | 71 x 83         | 800 lbs.                    |

Electrical Specifications: 110 Volt, Single Phase, 60 Cycle

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HTTP://www.douthittcorp.com · E-Mail: em@douthittcorp.com

# DOUTHITT Heavy Duty Direct Method Screen Vacuum Frame MODEL DMV



- Easy Ergonomic Loading of Large and/or Heavy Screen Frames
- Load Frame Vertically on Heavy Duty Steel Support Bar
- Motorized Blanket Frame Moves Toward Glass Frame
- Air Locks Seal Frames
- Douthitt Model 52 Air Pump Provides Perfect Contact.



Printing Lamps  
see pages 14-15

Sizes up to 128 x 300 — details upon request

## PRICE INCLUDES:

- (1) Special Douthitt “Deep Draw” Black Blanket. Under vacuum, this blanket swiftly molds itself to the shape of the Screen Frame and holds your positive in perfect contact.
- (2) Douthitt Heavy Duty Model 52 Silent Air Pump.\*
- (3) Compressed Air Powered Frame Locks to seal glass and blanket frames.
- (4) Motorized opening and closing of vacuum blanket frame.
- (5) Optic Clear A-1 select glass.
- (6) Heavy Duty Steel Loading Bar.

| Size Inside<br>Blanket<br>Beading | Price       | Crating | Floor<br>Space | Approx.<br>Crated<br>Weight |
|-----------------------------------|-------------|---------|----------------|-----------------------------|
| 58 x 110                          | \$13,995.00 | No chg. | 72 x 121       | 1700 lbs.                   |
| 80 x 166                          | 23,155.00   | No chg. | 72 x 177       | 3500 lbs.                   |
| 86 x 190                          | 27,195.00   | No chg. | 72 x 201       | 4200 lbs.                   |

\*Needs compressed air

Custom sizes available. Details upon request.

Electrical Specifications: 110 Volt, Single Phase, 2A.

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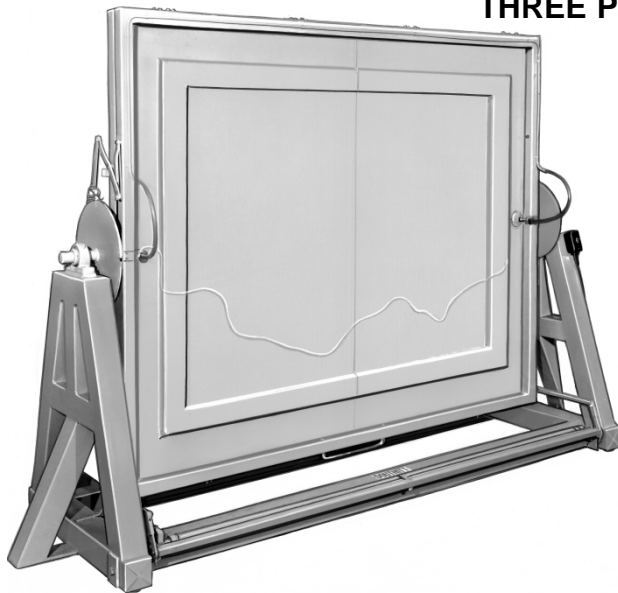
# DOUTHITT Heavy Duty Direct Method Screen Vacuum Frame

LOADS GLASS DOWN and ROTATES 360°  
THREE PRINTING POSITIONS

THE WORK HORSE  
OF THE  
INDUSTRY!



Printing Lamps  
see pages 14-15



## MODEL DML

Loads Glass down. 360° dual Rotor Plates (actuated by convenient foot treadle) allow operator to print from overhead or either vertical position: Away from operator or toward operator.

## PRICE INCLUDES:

- (1) Special DOUTHITT "DEEP DRAW" BLACK Blanket. Under vacuum, this blanket swiftly molds itself to the shape of the silk screen frame and holds your positive in perfect contact.
- (2) Heavy Duty Vacuum Pump and Motor.
- (3) Vacuum Relief Bleeder Valve mounted on instrument panel.
- (4) Blanket Frame lifts to any position. When loaded, patented fulcrum arrangement equalizes weight of loaded frames.
- (5) Easy Glass cleaning. Exclusive system.
- (6) Optic clear A-1 Select Glass.
- (7) Ten Foot Service Cord.
- (8) All heavy gauge steel welded construction.
- (9) Vacuum gauge and necessary operational switches housed on convenient instrument panel.
- (10) Unit finished in easy to clean, long wearing Epoxy Enamel.
- (11) Positive locking device for perfect Vacuum.

| Size Inside<br>Blanket<br>Beading | Price      | Crating | Floor<br>Space | Approx.<br>Crated<br>Weight |
|-----------------------------------|------------|---------|----------------|-----------------------------|
| 51 x 63                           | \$ 6695.00 | No chg. | 54 x 99        | 900 lbs.                    |
| 60 x 75                           | 7845.00    | No chg. | 63 x 111       | 1200 lbs.                   |
| 69 x 87                           | 8615.00    | No chg. | 72 x 123       | 1700 lbs.                   |
| 75 x 100                          | 9625.00    | No chg. | 78 x 136       | 2000 lbs.                   |
| 69 x 144                          | 12,975.00  | No chg. | 72 x 180       | 2400 lbs.                   |
| 89 x 118                          | 13,495.00  | No chg. | 92 x 154       | 2800 lbs.                   |
| 85 x 144                          | 16,095.00  | No chg. | 88 x 180       | 3500 lbs.                   |

Special Sizes available on request.

Electrical Specifications - 115 Volt, 60 Cycle, Single Phase, A.C.

Specify if 230 Volt, 60 Cycle, Single Phase, A.C. preferred.

Special Electrical requirements available on request.

All Model DMWs, DMSs, and DMLs may be ordered with a Douthitt Heavy Duty Model 26 Silent Air Pump instead of a standard pump and motor. (This pump requires compressed air.) See page 16 for details ..... Add \$395.00

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# DOUTHITT Heavy Duty Direct Method Screen Vacuum Frames

## MODEL DMW Space Saver Wall Model

Loads Glass down and then tilts up to Vertical position for Printing.

### PRICE INCLUDES:

- (1) Special DOUTHITT "DEEP DRAW" BLACK Blanket. Under vacuum, this blanket swiftly molds itself to the shape of the silk screen frame and holds your positive in perfect contact.
- (2) Heavy Duty Vacuum Pump and Motor.
- (3) Vacuum Relief Bleeder Valve and vacuum gauge.
- (4) Counterbalanced sliding weights concealed in side tubes provide lifelong effortless raising of blanket frame and effortless tilting of glass and blanket frames.
- (5) Optic clear A-1 Select Glass.
- (6) Ten Foot Service Cord.

| Size Inside<br>Blanket<br>Beading | Price     | Crating | Ht. 72"<br>Width Left<br>To Right | Approx.<br>Crated<br>Weight |
|-----------------------------------|-----------|---------|-----------------------------------|-----------------------------|
| 35 x 45                           | \$4155.00 | No chg. | 61"                               | 400 lbs.                    |
| 38 x 50                           | 4275.00   | No chg. | 67"                               | 450 lbs.                    |
| 42 x 52                           | 4495.00   | No chg. | 69"                               | 500 lbs.                    |
| 43 x 63                           | 4895.00   | No chg. | 80"                               | 550 lbs.                    |
| 51 x 63                           | 5395.00   | No chg. | 80"                               | 600 lbs.                    |
| 53 x 73                           | 5845.00   | No chg. | 90"                               | 750 lbs.                    |



Printing Lamps  
see pages 14-15

## MODEL DMS

Loads Glass down-blanket up. 360° Rotor Plate allows operator to print from overhead or *either* vertical position (1) away from operator (2) toward operator.

### PRICE INCLUDES:

- (1) Special DOUTHITT "DEEP DRAW" BLACK Blanket. Under vacuum, this blanket swiftly molds itself to the shape of the silk screen frame and holds your positive in perfect contact.
- (2) Heavy Duty Vacuum Pump and Motor.
- (3) Vacuum Relief Bleeder Valve and vacuum gauge.
- (4) Optic clear A-1 Select Glass.
- (5) Special Rotor Locking Mechanism permits easy-sure stops for horizontal and vertical positions.
- (6) Positive locking device for perfect vacuum.
- (7) On sizes 37 x 47, 42 x 52 and 43 x 63, Rotating and locking is actuated by convenient Foot Treadle.

| Size Inside<br>Blanket<br>Beading | Price     | Crating | Floor<br>Space | Approx.<br>Crated<br>Weight |
|-----------------------------------|-----------|---------|----------------|-----------------------------|
| 23 x 29                           | \$2825.00 | No chg. | 30 x 37        | 228 lbs.                    |
| 27 x 31                           | 2945.00   | No chg. | 33 x 39        | 255 lbs.                    |
| 29 x 37                           | 3015.00   | No chg. | 35 x 45        | 273 lbs.                    |
| 31 x 41                           | 3215.00   | No chg. | 35 x 49        | 303 lbs.                    |
| 37 x 47                           | 3775.00   | No chg. | 40 x 54        | 335 lbs.                    |
| 42 x 52                           | 3955.00   | No chg. | 45 x 59        | 375 lbs.                    |
| 43 x 63                           | 4425.00   | No chg. | 46 x 71        | 450 lbs.                    |



Electrical Specifications – 115 Volt, 60 Cycle, Single Phase, A.C.

Specify if 230 Volt, 60 Cycle, Single Phase, A.C. preferred – No extra charge.

Special Electrical requirements available on request.

Manufactured by: The Douthitt Corporation, 245 Adair St., Detroit, Michigan 48207-4287

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# DOUTHITT HEAVY DUTY

## MODEL SAHARA

## Screen Dryer



- High Volume air movement for faster drying!

- Heavy Duty Construction

- Any Size Available



- Pictured with optional storage racks and viewer

### INCLUDES:

- (1) Uniform air flow and heat to insure fast, complete drying of screens.
- (2) Heavy duty welded construction.
- (3) Stainless steel racks.
- (4) Thermostatically controlled temperature.
- (5) Fully insulated.
- (6) UV safe 3/16" acrylic doors.

### OPTIONAL ACCESSORIES:

- (A) Storage racks for dried screens.

- (B) Film/screen inspection line up table mounted on top of table.

Prices on request.

## DOUTHITT Screen Wash-Out Viewer Sink



| Illumi-nated area | Price      | Crating | Overall Size       | Approx. Crated Weight |
|-------------------|------------|---------|--------------------|-----------------------|
| 35 x 45           | \$4,995.00 | No Chg. | 50"W x 36"D x 72"H | 500 lbs.              |
| 45 x 55           | 5,595.00   | No Chg. | 60"W x 36"D x 77"H | 800 lbs.              |
| 55 x 65           | 6,395.00   | No Chg. | 70"W x 36"D x 82"H | 1100 lbs.             |

Electrical: 115 Volt, 60 Cycle, Single Phase A.C.

Plumbing: 1½" Drain

### PRICE INCLUDES:

- (1) Polished Plate Glass sealed water tight in stainless steel frame over opalescent plexiglas to insure even non-glare illumination.
- (2) Large capacity stainless steel water trough with stainless steel duck board.
- (3) Heavy gauge sheet steel construction with special DURA-BOND coating to protect against rust, etc..
- (4) Fluorescent Lighting System controlled by a water-proof light switch.
- (5) Hose and adjustable spray nozzle.

### OPTIONAL ACCESSORIES:

- (A) Constructed in all heavy duty stainless steel construction instead of standard Dura-Bond coated sheet steel. .... Add \$750.00
- (B) Precision Water Regulator mounted on unit to accurately set water Temperature. .... Add \$1295.00

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# DOUTHITT HEAVY DUTY Color Viewing Stations

## MODEL xVIEW



- 5000 Kelvin lighting
- Heavy Duty Construction
- Any Size available including walk in models for large format printing



- Pictured with two optional 5-drawer ball bearing cabinets

## PRICE INCLUDES:

- (1) Consistent 5000 Kelvin lighting.
- (2) Heavy duty gauge steel welded construction finished with Munsel N8/gray paint for proper viewing condition.
- (3) Dimmer intensity controlled lighting.
- (4) Side walls reduce ambient light for more accurate viewing condition.

| Size     | Price      | Crating | Overall Size D x L x H | Approx. Crated Weight |
|----------|------------|---------|------------------------|-----------------------|
| 30 x 40  | \$2,795.00 | No Chg. | 37" x 44" x 90"        | 400 lbs.              |
| 50 x 80  | 5,495.00   | No Chg. | 55" x 85" x 90"        | 700 lbs.              |
| 60 x 120 | 7,325.00   | No Chg. | 65" x 125" x 90"       | 1000 lbs.             |



## OPTIONAL ACCESSORIES:

- (A) 5 - Drawer ball bearing cabinet mounted under viewer.
- (B) Back lit diffused light table instead of standard table to inspect Film or Transparencies.

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# THEIMER VIOLUX AND OLEC OLITE PRINTING LAMPS

BEST SELECTION OF THE WORLD'S FINEST PRINTING LAMPS

SAME DAY DELIVERY FROM DOUTHITT WAREHOUSE  
(FACTORY AUTHORIZED SALES AND SERVICE)

*In addition to stocking the Printing Lamp Assemblies & Replacement Bulbs, Douthitt stocks the replacement parts for all Theimer Violux and Olec Olite Printing Lamps. Call us for information & pricing or visit us at [www.douthittcorp.com](http://www.douthittcorp.com).*

## VIOLUX LAMP ASSEMBLY

**VT8 VIOLUX 8002T Tri-Level 8000 Watt Printing Lamp Assembly ..... \$6295.00**  
(8000-4000-2000)

Electrical: 190-250 Volt, Single Phase, 50 amps maximum operating current

Shipping Weight: 240 lbs.

Lamp can be ordered with a stand for vertical printing ..... Add \$ 450.00

## REPLACEMENT BULBS FOR VIOLUX & VIOLIGHT LAMPS

|                                    | Part No. | Price    |  | Part No. | Price    |
|------------------------------------|----------|----------|--|----------|----------|
| <b>FOR VIOLUX 500S and/or 1500</b> |          |          | <b>FOR VIOLUX SUPER/MULTI 10/8002T</b> |          |          |
| Multi Spectrum, type THS1507 ..... | 823197   | \$180.00 | Multi Spectrum, type THS8027 .....     | 821897   | \$400.00 |
| <b>FOR VIOLUX 3002/4002T</b>       |          |          | <b>FOR VIOLUX RAPID</b>                |          |          |
| Diazo, type THS3020 .....          | 822390   | \$275.00 | Diazo, type 5090 .....                 | 34299    | \$280.00 |
| Multi Spectrum, type THS3027 ..... | 821397   | \$275.00 | <b>FOR VIOLIGHT 1000</b>               |          |          |
| <b>FOR VIOLUX VM4</b>              |          |          | Diazo, type THS1000 .....              | 820190   | \$170.00 |
| Diazo, type THS4020 .....          | 822490   | \$280.00 | Multi Spectrum, type THS1007 .....     | 820197   | \$170.00 |
| Multi Spectrum, type THS4027 ..... | 822497   | \$280.00 | <b>FOR VIOLIGHT 3000</b>               |          |          |
| <b>FOR VIOLUX 5002</b>             |          |          | Diazo, type THS3000 .....              | 820390   | \$250.00 |
| Diazo, type THS5020 .....          | 822590   | \$300.00 | Multi Spectrum, type THS3007 .....     | 820397   | \$250.00 |
| Multi Spectrum, type THS5027 ..... | 822597   | \$300.00 | <b>FOR VIOLIGHT 5000</b>               |          |          |
| <b>FOR VIOLUX VM6/6002T</b>        |          |          | Diazo, type THS5000 .....              | 820590   | \$290.00 |
| Diazo, type THS6020 .....          | 822690   | \$310.00 | Multi Spectrum, type THS5007 .....     | 820597   | \$290.00 |
| Multi Spectrum, type THS6027 ..... | 822697   | \$310.00 |  |          |          |

## OPTIONAL ACCESSORIES:

### For High Wattage Lamps

- |   |  |
|---|--|
| (A) Kokomo Filter<br>with mounting brackets ..... \$314.00<br>without mounting brackets ..... \$249.00                  | (E) Extended Triple Rail Mounting Bracket for Filters<br>(for overhead mounted systems) ..... \$495.00   |
| (B) Dylux Clearing Filter complete<br>with mounting brackets ..... \$314.00<br>without mounting brackets ..... \$249.00 | (F) Motorized Dual Rolling Filter Holder with<br>Kokomo and Clearing Filter (Special<br>integrator is needed for automation) ..... Add \$1595.00 |
| (C) Extended Double Rail Mounting Bracket for Filters<br>(for overhead mounted systems) ..... \$255.00                  | (G) Douthitt Heavy Duty Model MAGIC 83 Combination<br>Light Integrator and Digital Timer with UV Photocell.<br>Details on page 16. .... \$770.00 |
| (D) Extended Double Rail Mounting Bracket for Filters<br>(for stand mounted systems) ..... \$395.00                     |  |

The Douthitt Corporation, 245 Adair St., Detroit, Michigan 48207-4287

Toll Free 1-800-DOUTHITT(T) Phone 313-259-1565

Established 1919 • Fax No. 313-259-6806

[HTTP://www.douthittcorp.com](http://www.douthittcorp.com) • E-Mail: [em@douthittcorp.com](mailto:em@douthittcorp.com)

# OLEC OLITE AND THEIMER VIOLUX PRINTING LAMPS

**SAME DAY DELIVERY FROM DOUTHITT WAREHOUSE  
(FACTORY AUTHORIZED SALES AND SERVICE)**

## OLITE LAMP ASSEMBLIES

| MODEL            | SPECIFICATIONS   | PRICE            |
|------------------|--|------------------|
| <b>AL13</b>      | <b>OLITE Printing Lamp Assembly, Tri-Level 1000 Watt (1000-600-400)</b> .....                        | <b>\$1715.00</b> |
|                  | Electrical: 115 Volt, Single Phase, 9 amps maximum operating current      Shipping Weight: 35 lbs.   |                  |
| <b>AL19/AL20</b> | <b>OLITE Printing Lamp Assembly, Tri-Level 1900 Watt (1900-1300-600)</b> .....                       | <b>\$2430.00</b> |
|                  | Electrical: AL19 115 Volt, Single Phase, 20 amps maximum operating current                           |                  |
|                  | AL20 220 Volt, Single Phase, 10 amps maximum operating current      Shipping Weight: 70 lbs.         |                  |
| <b>AL23</b>      | <b>OLITE Printing Lamp Assembly, Tri-Level 2300 Watt (2300-1600-1000)</b> .....                      | <b>\$2935.00</b> |
|                  | Electrical: 220 Volt, Single Phase, 12 amps maximum operating current      Shipping Weight: 125 lbs. |                  |
| <b>AL35</b>      | <b>OLITE Printing Lamp Assembly, Tri-Level 3500 Watt (3500-2000-900)</b> .....                       | <b>\$3670.00</b> |
|                  | Electrical: 220 Volt, Single Phase, 16 amps maximum operating current      Shipping Weight: 175 lbs. |                  |
| <b>AL53</b>      | <b>OLITE Printing Lamp Assembly, Tri-Level 5000 Watt (5000-2000-1000)</b> .....                      | <b>\$4720.00</b> |
|                  | Electrical: 220 Volt, Single Phase, 23 amps maximum operating current      Shipping Weight: 200 lbs. |                  |
| <b>AL83*</b>     | <b>OLITE Printing Lamp Assembly, Tri-Level 8000 Watt (8000-3500-2000)</b> .....                      | <b>\$5665.00</b> |
|                  | Electrical: 220 Volt, Single Phase, 42 amps maximum operating current      Shipping Weight: 200 lbs. |                  |
|                  | *HF1 Exhaust System recommended with AL83 ..... Add \$ 619.00  |                  |

## REPLACEMENT BULBS FOR OLITE LAMPS

### FOR AL9/AL13

|      |                           |          |
|------|---------------------------|----------|
| L900 | Multi Spectrum Lamp ..... | \$195.00 |
| L902 | Photopolymer Lamp .....   | \$195.00 |

### FOR AL15/AL19/AL20

|        |                          |          |
|--------|--------------------------|----------|
| L1250E | Dual Spectrum Lamp ..... | \$325.00 |
|--------|--------------------------|----------|

### FOR AL23/35/53/100 LAMPS

|       |                                |           |
|-------|--------------------------------|-----------|
| L1250 | Diazo Lamp .....               | \$ 275.00 |
| L1261 | Photopolymer Lamp .....        | \$ 275.00 |
| L1252 | Photopolymer /Diazo Lamp ..... | \$ 325.00 |

### FOR AL83 LAMP

|       |                          |          |
|-------|--------------------------|----------|
| L1280 | Diazo Lamp .....         | \$350.00 |
| L1281 | Photopolymer Lamp .....  | \$350.00 |
| L1282 | Dual Spectrum Lamp ..... | \$350.00 |

## OPTIONAL ACCESSORIES:

### FOR AL83/AL53/AL35/AL23/AL19/AL20 LAMPS:

|  | PRICE     |
|--|-----------|
| (A) Filter Holder with either Kokomo or Clearing Filter .....                  | \$ 177.00 |
| (B) Rolling Filter Holder with either Kokomo or Clearing Filter .....          | \$ 600.00 |
| (C) Dual Rolling Filter Holder with Kokomo and Clearing Filter .....           | \$ 744.00 |
| (D) Motorized Rolling Filter Holder with Kokomo or Clearing Filter .....       | \$1060.00 |
| (E) Motorized Dual Rolling Filter Holder with Kokomo and Clearing Filter ..... | \$1265.00 |
| (F) Exhaust System .....   | \$ 619.00 |
| (G) Douthitt Heavy Duty Floor Stand for Vertical Printing .....                | \$ 450.00 |



Violux  
VT8



Olite  
AL53

The Douthitt Corporation, 245 Adair St., Detroit, Michigan 48207-4287  
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Established 1919 • Fax No. 313-259-6806  
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# DOUTHITT and OLIX INTEGRATORS

## THE MOST COMPLETE SELECTION OF THE WORLD'S BEST COMBINATION LIGHT INTEGRATORS AND DIGITAL TIMERS

Quality demands control and consistency. Light source variations affect the quality of your exposed film, plates, screens or proofs. With microprocessor technology, these precision instruments automatically compensate for these variations by adjusting the length of the exposure to provide the correct amount of light every time. These integrators can also be set up to control vacuum draw down time to eliminate another variable.

### DOUTHITT Model Magic 83 Combination Light Integrator and Digital Timer

Price with UV photocell ..... \$770.00



#### **PRICE INCLUDES:**

- (1) Ten (10) programmable memories.
- (2) Large, easy to read display that counts down and resets after each exposure.
- (3) Vacuum time delay.
- (4) Remote control of two lights or up to three intensity levels on Olec Printing Lamps.
- (5) Simple design for ease of operation.
- (6) Photometer.

### OLIX Model 975SC

- Thirty-one Channels • Control of Filters
- Battery Back Up • Individual Vacuum Delays

Price with UV photocell ..... \$1020.00

## DOUTHITT HEAVY DUTY AIR PUMP

### DOUTHITT MODEL 26 AIR PUMP

**A Quiet, Efficient, Cool, Maintenance Free** Vacuum Pump Designed to Operate on Compressed Air.

This new vacuum pump operates on a patented multi-ejector system driven by compressed air. The compressed air enters a system of venturies at high speed and as it expands along its path, induces a much larger volume of air flow. This system is designed so that the induced air flow varies in a strength/volume ratio automatically according to the change in loading which enables the maximum effect.

#### **SPECIFICATIONS**

Air Consumption: ..... 8.8 CFM or 1½ H.P.  
Maximum Vacuum: ..... 27"  
Total Weight: ..... 5.25 lbs.  
Dimensions: ..... 14"L x 8"H x 3½" Deep  
**Customer must furnish Compressed Air**



#### **AVAILABLE ON ALL DOUTHITT EQUIPMENT**

Price ..... \$995.00  
If ordered on any Douthitt Vacuum frame or platemaker in lieu of standard pump and motor.  
Price ..... \$395.00

Manufactured by: The Douthitt Corporation, 245 Adair St., Detroit, Michigan 48207-4287  
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# DOUTHITT VACUUM BLANKETS

## For Every Printing Frame

**ALL MAKES – ALL MODELS – SIZES 16 X 20 TO 150 X 400**

### DOUTHITT HEAVY DUTY “SMOOTH” UNIVERSAL BLANKET

A perfect blanket for all your platemaking and contact needs. The Blanket material consists of pure rubber sandwiched between layers of a grained canvas duck. This surface will not mark your glass or indent your plates or film. Available in any length with a maximum width of 80 inches (If length exceeds 180” – Prices on request.)

PRICE – Where the narrowest O.D. (“D” dimension on print) does not exceed 52 inches, the price is 28¢ per square inch. Where it does exceed 52 inches, the price is 33¢ per square inch. No Set-Up Charge, No Crating Charge.

**ANTI-STATIC PROPERTIES WOVEN INTO DOUTHITT’S SMOOTH UNIVERSAL BLANKET MATERIAL ALLOW FOR BETTER REGISTRATION.**

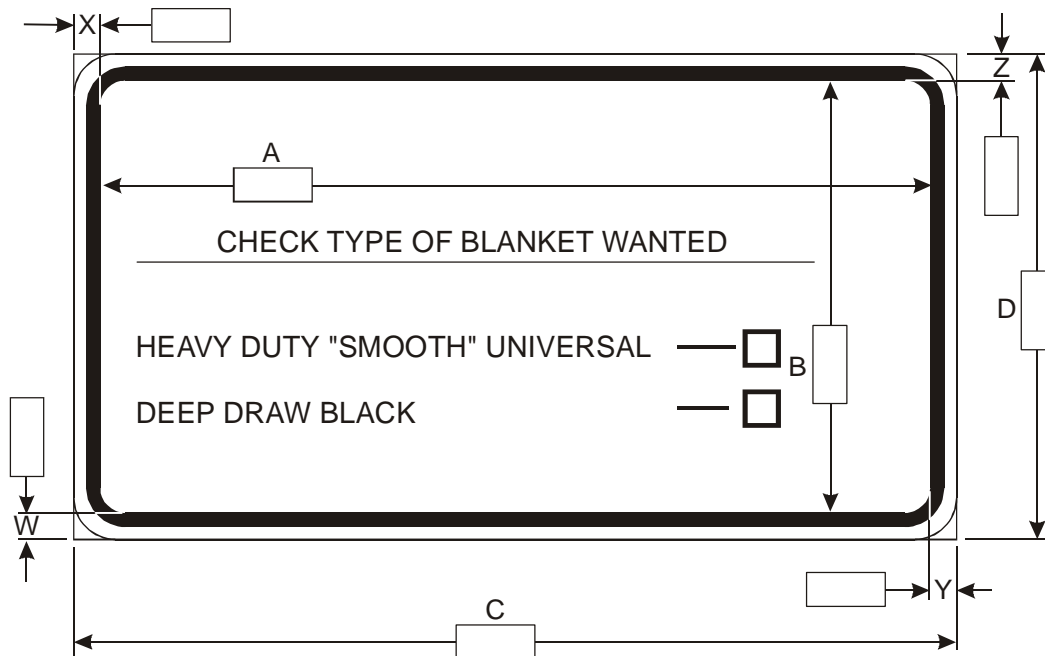
### DOUTHITT “DEEP DRAW” BLACK BLANKET

For Direct Method Silk Screen Printing Frames (Textured Surface reduces drawdown time.)

Under vacuum, this blanket swiftly molds itself to the shape of the silk screen frame and holds your positive in perfect contact. Available in any size.

PRICE – Where the narrowest O.D. (“D” dimension on print) does not exceed 58 inches, the price is 23¢ per square inch. Where it does exceed 58 inches, the price is 22¢ per square inch. No Set-Up Charge, No Crating charge.

**NOTE:** When checking your blanket dimensions, remember  $A + X + Y = C$  and  $B + W + Z = D$ .



**VACUUM BLANKETS DO NOT COME WITH VALVES**

3/8" Blanket Valve.....\$25.45 ea.

5/8" Blanket Valve.....\$29.95 ea.



**SPONGE BEADING**

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