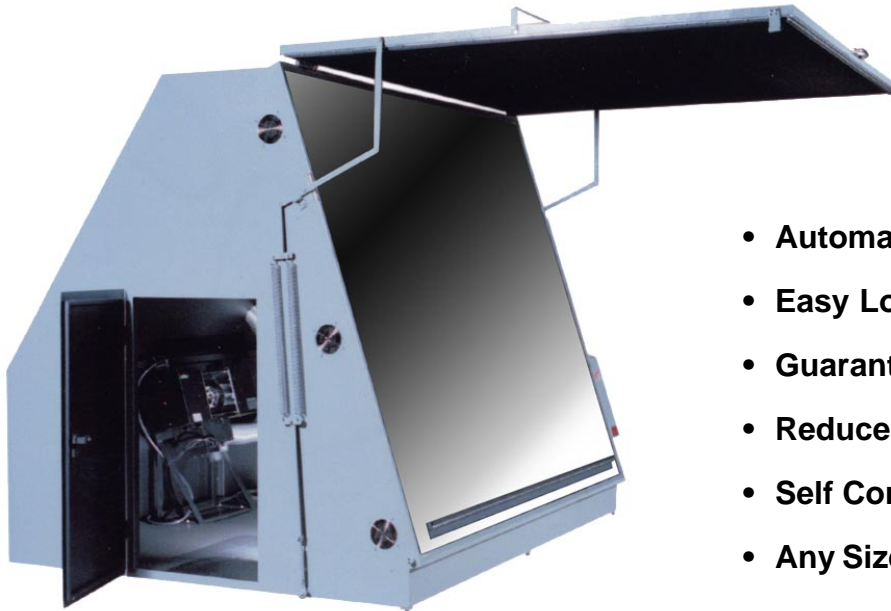


DOUTHITT HEAVY DUTY DIRECT METHOD SCREENMAKER MODEL DMH

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
- Any Size Available

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 complete with special exhaust system*.
- (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) "D" Toggle system for effortless raising and lowering of the blanket frame.
- (9) Passive positive locking mechanism.
- (10) Instrument panel conveniently mounted on side of unit complete with bleeder valve.
- (11) Screen holding bar mounted on the glass.
- (12) All heavy gauge metal construction.
- (13) Large convenient access door on left side of unit.

Size Inside Blanket Beading	Price	Crating	Floor Space	Approx. Crated Weight
70 x 90	\$28,630.00	No chg.	74 x 106	2300 lbs.
70 x 120*	43,530.00	No chg.	68 x 136	3200 lbs.
82 x 154*	56,130.00	No chg.	81 x 170	4600 lbs.
86 x 190*	65,530.00	No chg.	83 x 206	4900 lbs.

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

Larger and custom 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)

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

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

Established 1919 · Fax No. 313-259-6806

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 complete with special exhaust system.
- (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) "D" Toggle system for effortless raising and lowering of the blanket frame.
- (9) Passive positive locking mechanism.
- (10) Instrument panel conveniently mounted on side of unit complete with bleeder valve.
- (11) Screen holding bar mounted on the glass.
- (12) All heavy gauge metal construction.
- (13) Large convenient access door on left side of unit.

Size Inside Blanket Beading	Price	Crating	Floor Space	Approx. Crated Weight
53 x 66	23,180.00	No chg.	65 x 82	1425 lbs.
66 x 74	25,480.00	No chg.	79 x 92	1700 lbs.
68 x 80	26,580.00	No chg.	82 x 96	1900 lbs.
68 x 89	28,080.00	No chg.	82 x 105	2200 lbs.

Electrical Specifications – 220 Volt, Single Phase
Custom sizes available!

OPTIONAL ACCESSORIES:

- (A) Douthitt Heavy Duty Model 26 Silent Air Pump instead of standard pump and motor (this pump requires compressed air) see page 17 for details

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DOUTHITT Direct Method Screenmaker

With Self-Contained Printing Lamp

Safe–Fast–Easy to Operate

MODEL DMA

PRICE INCLUDES:

- (1) Complete Printing Lamp Assembly.
- (2) 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 sliding toggle.
- (4) Heavy Duty Vacuum Pump and Motor.
- (5) Cooling fans to insure against excessive heat build-up.
- (6) Heavy Optic clear A-1 Select Glass anchored to structural steel tubing.
- (7) Timer.
- (8) Large convenient front access door.



- (9) Bleeder Valve to easily adjust maximum vacuum.
- (10) Instrument panel conveniently mounted on side of unit.
- (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) Olite AL53 5000 Watt Metal Halide Printing Lamp Assembly instead of standard lamp
- (B) Douthitt Heavy Duty Model 26 Silent Air Pump instead of standard pump and motor (this pump requires compressed air) see page 17 for details
- (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 17

Size Inside Blanket Beading	Crating	Floor Space	Approx. Crated Weight
31 x 41	No chg.	40 x 60	600 lbs.
37 x 47	No chg.	46 x 66	700 lbs.
42 x 52	No chg.	51 x 67	800 lbs.
52 x 52	No chg.	61 x 67	975 lbs.
46 x 60	No chg.	55 x 75	1000 lbs.

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DOUTHITT HEAVY DUTY DIRECT METHOD SCREENMAKER

MODEL DMZ-T

PRICE INCLUDES:

- (1) Complete 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	Crating	Floor Space	Approx. Crated Weight
41 x 56	No chg.	55 x 71	900 lbs.
46 x 60	No chg.	56 x 75	1000 lbs.

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 Printing Lamp Assembly.
- (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.



Size Inside Blanket Beading	Crating	Floor Space	Approx. Crated Weight
31 x 41	No chg.	64 x 73	850 lbs.
37 x 47	No chg.	70 x 85	950 lbs.
42 x 52	No chg.	75 x 95	1000 lbs.
52 x 52	No chg.	75 x 115	1200 lbs.

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 17 for details

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DOUTHITT HEAVY DUTY DIRECT METHOD SCREENMAKER MODEL DME

INCLUDES:

- (1) Complete Printing Lamp Assembly.
- (2) Douthitt Heavy Duty Model Magic 83 10 channel memory combination light integrator and digital timer.
- (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	Crating	Floor Space	Approx. Crated Weight
33 x 41	No chg.	40 x 52	450 lbs.
35 x 46	No chg.	42 x 57	500 lbs.

Prices on request.

DOUTHITT Heavy Duty Screen Inspection Table



PRICE INCLUDES:

- (1) Items 2-11 listed on page 33 for Douthitt Heavy Duty Layout Table.
- (2) Adjustable tilting top from 0° to 70°.
- (3) Extra illumination to make inspection of screens easy.
- (4) Adjustable screen bar to hold screens at most convenient height.

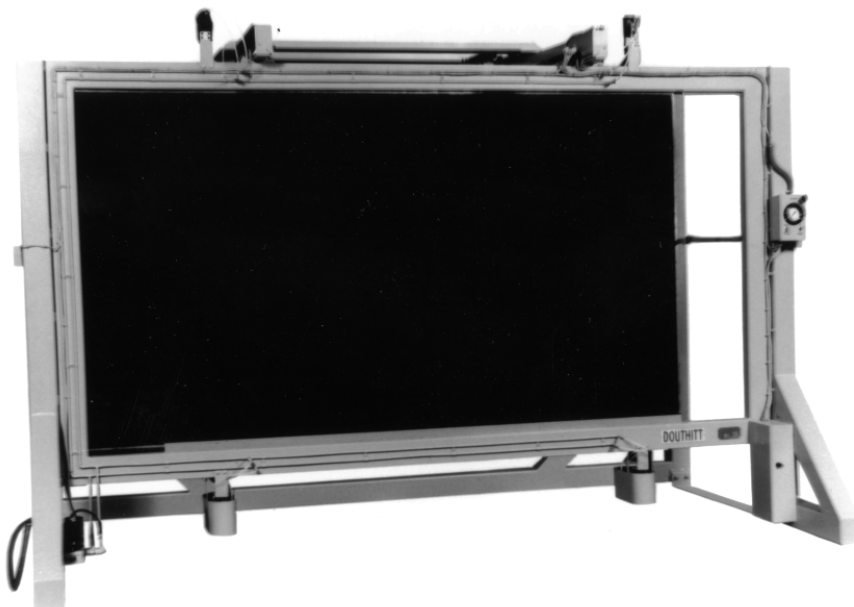
**Motorized Adjustment Available. Details on Request.
Custom Sizes Available**

Glass Area	Price	Crating	Overall Size	Approx. Crated Weight
39 x 51	\$4125.00	No chg.	47 x 58	625 lbs.
49 x 59	4695.00	No chg.	56 x 66	700 lbs.
64 x 76	6595.00	No chg.	71 x 83	800 lbs.

Electrical Specifications: 110 Volt, Single Phase, 60 Cycle

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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
- Blanket Frame is Power Driven on Heavy Duty Gear Track and Controlled by accelerating and decelerating Motor for Smooth Operation
- Air Locks Seal Frames
- Douthitt Model 52 Air Pump Provides Perfect Contact



Printing Lamps
see page 16

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.

Sizes up to 128 x 300 — details upon request

Size Inside Blanket Beading	Price	Crating	Floor Space	Approx. Crated Weight
58 x 110	\$14,695.00	No chg.	72 x 121	1700 lbs.
80 x 166	28,455.00	No chg.	72 x 177	3500 lbs.
86 x 190	36,895.00	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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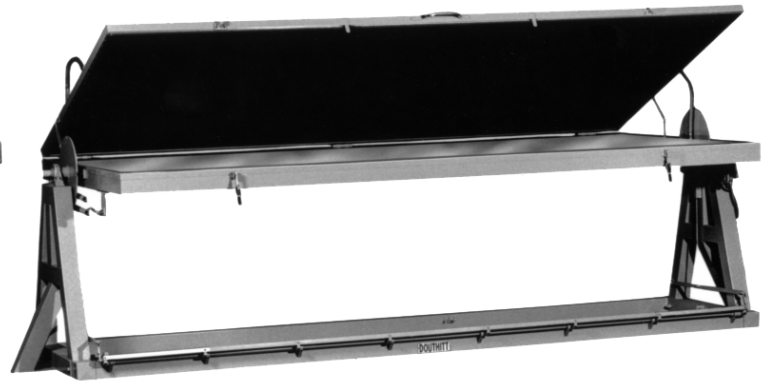
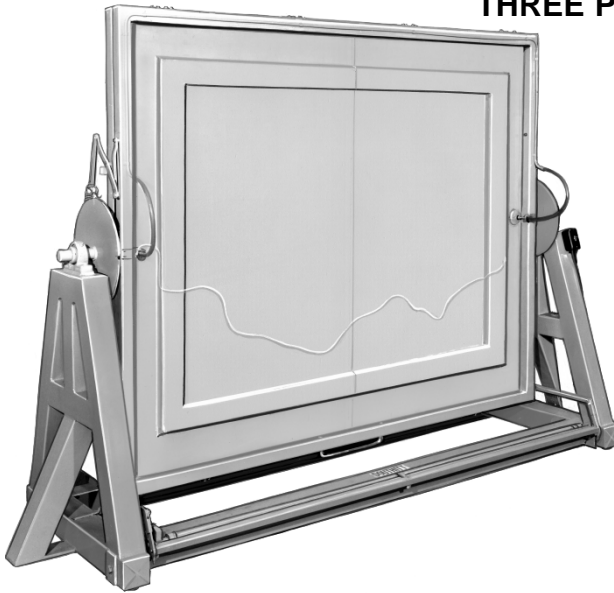
DOUTHITT Heavy Duty Direct Method Screen Vacuum Frame

LOADS GLASS DOWN and ROTATES 360°
THREE PRINTING POSITIONS

THE WORK HORSE
OF THE
INDUSTRY!



Printing Lamps
see page 16



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, fulcrum arrangement equalizes weight of loaded frames.
- (5) Exclusive system gives 360° rotation.
- (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.

Size Inside Blanket Beading	Price	Crating	Floor Space	Approx. Crated Weight
51 x 63	\$ 8175.00	No chg.	54 x 99	900 lbs.
60 x 75	9475.00	No chg.	63 x 111	1200 lbs.
69 x 87	10,275.00	No chg.	72 x 123	1700 lbs.
75 x 100	11,425.00	No chg.	78 x 136	2000 lbs.
69 x 144	15,995.00	No chg.	72 x 180	2400 lbs.
89 x 118	17,645.00	No chg.	92 x 154	2800 lbs.
85 x 144	20,425.00	No chg.	88 x 180	3500 lbs.

Special Sizes available on request.

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

Specify if 230 Volt, 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 17 for details

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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 assistance in raising of blanket frame and tilting of glass and blanket frames.
- (5) Optic clear A-1 Select Glass.
- (6) Ten Foot Service Cord.

Size Inside Blanket Beading	Price	Crating	Ht. 72" Width Left To Right	Approx. Crated Weight
35 x 45	\$5195.00	No chg.	61"	400 lbs.
38 x 50	5315.00	No chg.	67"	450 lbs.
42 x 52	5695.00	No chg.	69"	500 lbs.
43 x 63	6325.00	No chg.	80"	550 lbs.
51 x 63	6965.00	No chg.	80"	600 lbs.
53 x 73	7445.00	No chg.	90"	750 lbs.



Printing Lamps
see page 16

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 Blanket Beading	Price	Crating	Floor Space	Approx. Crated Weight
23 x 29	\$3745.00	No chg.	30 x 37	228 lbs.
27 x 31	3875.00	No chg.	33 x 39	255 lbs.
29 x 37	3975.00	No chg.	35 x 45	273 lbs.
31 x 41	4095.00	No chg.	35 x 49	303 lbs.
37 x 47	4785.00	No chg.	40 x 54	335 lbs.
42 x 52	5125.00	No chg.	45 x 59	375 lbs.
43 x 63	5815.00	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.

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DOUTHITT HEAVY DUTY

MODEL SAHARA

Screen Dryer



- High Volume air movement for faster drying!
- Heavy Duty Construction
- Any Size Available



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) Insulated.
- (6) UV safe 3/16" acrylic doors.

DOUTHITT Screen Wash-Out Viewer Sink



Illumi-nated area	Crating	Overall Size	Approx. Crated Weight
35 x 45	No Chg.	51"W x 37"D x 74"H	550 lbs.
45 x 55	No Chg.	61"W x 37"D x 79"H	750 lbs.
55 x 65	No Chg.	71"W x 37"D x 84"H	1000 lbs.

Custom sizes available.

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

Plumbing: 1½" Drain

PRICE INCLUDES:

- (1) Opalescent plexiglas to insure even non-glare illumination.
- (2) All heavy duty stainless steel construction.
- (3) Lighting System controlled by a water-proof light switch.

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