

DOUTHITT HEAVY DUTY PLATEMAKER

MODEL DCOPXD



- DESIGNED TO LOOK ATTRACTIVE IN A NON TRADITIONAL ENVIRONMENT.
- BEST PERFORMANCE ON
 - PLATES
 - PROOFS
 - FILMS
 - STOCHASTIC
- OPTION "X" GUARANTEES FASTEST CONTACT AND BEST REGISTRATION

Film and Plate Size	Size Inside Blanket Beading	Price with OPTION "X"	Crating	Floor Space	Height	Approx. Crated Weight	Minimum and Maximum Printing Distance Between Frame and Lamp (measured from edge of Reflector) in one inch increments
29 x 40	31 x 41	\$16,605.00	No Chg.	45 x 55	8'0"	1550 lbs.	24" thru 48"
35 x 45	37 x 47	\$17,105.00	No Chg.	51 x 61	8'0"	1650 lbs.	24" thru 48"
40 x 50	42 x 52	\$17,405.00	No Chg.	56 x 66	8'0"	1800 lbs.	24" thru 48"

PRICE INCLUDES:

- (1) Douthitt's OPTION "X" Vacuum system, an electronically controlled inverse air evacuation system that starts the vacuum in the center of the frame and moves it outward to the edges eliminating the trapping of air. OPTION "X" gives you the fastest, most consistent overall contact and the best registration.
- (2) Complete Olite AL53 Tri-Level 5000 Watt Printing Lamp Assembly. For more details on the Printing Lamps see page 16.
- (3) Douthitt Heavy Duty Model Magic 83 Combination Light Integrator and Digital Timer with 10 channel memory. Integrator comes complete with vacuum time delay, UV photocell, and ability to control all 3 intensities of printing lamps. For more details see page 17.
- (4) 5-Drawer Ball Bearing Cabinet mounted inside frame.
- (5) Opaque curtain assembly to eliminate light spillage. Fully fire retardant and OSHA approved material.
- (6) Printing Lamp can be raised and lowered by means of counterbalanced weight concealed in vertical post.
- (7) Spring Loaded Back is furnished on the blanket frame allowing any height register pins or contact boards of any thickness.
- (8) Finger Tip Control of glass frame is achieved by exclusive patented spring and fulcrum system (clamps automatically).
- (9) Heavy Duty Vacuum Pump and Motor.
- (10) Heavy Duty Universal Blanket.
- (11) All heavy gauge steel welded construction.

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 GLASS DOWN CONTACT PRINTER

MODEL GDCP

A Compact Heavy Duty Glass Down Contact Printer.

INCLUDES:

- (1) Complete Metal Halide Printing Lamp Assembly.
- (2) Douthitt Heavy Duty Model MAGIC 83 Combination Light Integrator and Digital Timer complete with 10 memories.
- (3) Heavy Duty Vacuum Pump and Motor.
- (4) Vacuum Relief Bleeder Valve.
- (5) Heavy Duty Smooth Universal Blanket allowing pins of any height.
- (6) Loads Glass Down.
- (7) Effortless raising and lowering of the blanket frame.
- (8) No exposed printing rays.
- (9) Cooling fans to insure against excessive heat build-up.
- (10) All Heavy Gauge Welded Construction.



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.

DOUTHITT'S NEW VACUUM SYSTEM OPTION "X"

OPTION "X" is a controlled inverse air evacuation system which starts the evacuation of air in the center of the frame and then moves outward to the edges eliminating the trapping of air. It is over twice as fast as a conventional frame and quickly pays for itself in time saved and avoidance of remakes. Because of its absolute, consistent, repeatable electronically controlled air evacuation pattern, it will maintain better register than any other frame and will reduce your makeovers and scrap rate.

Film Size	Crating	Floor Space	Approx. Crated Weight
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20 x 24	No chg.	30 x 31	300 lbs.
26 x 30	No chg.	36 x 37	500 lbs.

Prices on request.

DESKTOP CAN BE ORDERED WITH DOUTHITT'S EXCLUSIVE "DEEP DRAW" BLACK BLANKET AND IS IDEAL FOR SMALL FORMAT SCREEN PRINTING!

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DOUTHITT HEAVY DUTY EXPOSURE SYSTEM

EXCONO MODEL

Douthitt Advantages in an Economy Package

PRICE INCLUDES:

- (1) Douthitt's OPTION "X" Vacuum system, an electronically controlled inverse air evacuation system that starts the vacuum in the center of the frame and moves it outward to the edges eliminating the trapping of air. OPTION "X" gives you the fastest, most consistent overall contact and the best registration.
- (2) Complete Olite AL 53 Tri-level 5000 Watt Printing Lamp Assembly with fixed height mount. For more details on the Printing Lamps see page 16.
- (3) Douthitt Heavy Duty Model Magic 83 Combination Light Integrator and Digital Timer with 10 channel memory. Integrator comes complete with vacuum delay, UV photocell, and ability to control all 3 intensities of the printing lamps. For more details see page 17.
- (4) Spring Loaded Back is furnished on the blanket frame allowing any height register pins or contact boards of any thickness.
- (5) Opaque curtain assembly to eliminate light spillage. Fully fire retardant and OSHA approved material.
- (6) Finger Tip Control of glass frame is achieved by exclusive, patented spring and fulcrum system (clamps automatically).
- (7) Heavy Duty Universal Blanket.
- (8) Heavy Duty Vacuum Pump and Motor.
- (9) Optic clear A-1 Select Glass.
- (10) All heavy gauge steel welded construction.
- (11) Vacuum Gauge, Integrator and necessary operational switches housed on convenient instrument panel.



Film and Plate Size	Size Inside Blanket Beading	Price With OPTION "X"	Floor Space	Crating No. Chg. Weight
26 x 30	27 x 31	\$12,495.00	40 x 43	780 lbs.
29 x 40	31 x 41	12,895.00	44 x 53	850 lbs.
33 x 43	35 x 45	12,995.00	50 x 56	880 lbs.
37 x 48	38 x 50	13,295.00	54 x 61	930 lbs.
40 x 50	42 x 52	13,415.00	54 x 63	970 lbs.
40 x 60	42 x 62	13,865.00	54 x 73	1020 lbs.
48 x 60	50 x 62	14,245.00	63 x 74	1130 lbs.

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 Add \$ 395.00

DOUTHITT'S NEW VACUUM SYSTEM OPTION "X"

OPTION "X" is a controlled inverse air evacuation system which starts the evacuation of air in the center of the frame and then moves outward to the edges eliminating the trapping of air. It is over twice as fast as a conventional frame and quickly pays for itself in time saved and avoidance of remakes. Because of its absolute, consistent, repeatable electronically controlled air evacuation pattern, it will maintain better register than any other frame and will reduce your makeovers and scrap rate.

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DOUTHITT HEAVY DUTY TWIN FRAME PLATEMAKER

PRODUCTION SPEED

PRECISION QUALITY

MODEL GEMINI

- Load One Frame While Other Frame Is Exposing
- Option "X" On Both Frames Guarantees Fastest Contact And Best Registration
- Counterbalanced Adjustable Lamp To Optimize Exposure Time And Coverage



PRICE INCLUDES:

- (1) Two complete vacuum frames with the OPTION "X" cavity vacuum system, an electronically controlled inverse air evacuation system that starts the vacuum in the center of the frame and moves it outward to the edges eliminating the trapping of air. OPTION "X" gives you the fastest, most consistent overall contact and the best registration.
- (2) Complete Olite AL53 Tri-Level 5000 Watt Printing Lamp Assembly. For more information on the Printing Lamps see page 16.
- (3) Two Douthitt Heavy Duty Magic 83 Combination Light Integrators and Digital Timers. Each integrator comes complete with photocell. For more details see page 17.
- (4) Printing Lamp can be raised and lowered by means of counterbalanced weight concealed inside unit, guaranteeing optimum coverage.
- (5) Spring Loaded Back is furnished on both blanket frames
- (6) Vacuum Frames are power driven on heavy duty gear track with precision bearings.
- (7) Electronically controlled accelerating and decelerating motor for smooth operation.
- (8) Conveniently located control switches and vacuum gauges.
- (9) Large access doors for easy cleaning, installation and maintenance.
- (10) All Heavy gauge steel welded construction.
- (11) Two Heavy Duty pump and motors.
- (12) Two Heavy Duty smooth universal blankets.
- (13) Pumps and Power Supply conveniently located on shelf inside cabinet.
- (14) Effortless raising and lowering of the glass frames.

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DOUTHITT HEAVY DUTY TWIN FRAME PLATEMAKER MODEL GEMINI

**ONLY DOUTHITT HAS THE OPTION "X" VACUUM SYSTEM
TO GUARANTEE PERFECT REGISTRATION**

Film and Plate Size	Size Inside Blanket Beading	Price with OPTION "X"	Crating	Floor Space	Height*	Approx. Crated Weight	Minimum and Maximum Printing Distance Between Frame and Lamp (measured from edge of Reflector) in one inch increments
29x40	31 x41	\$21,705.00	No Chg.	61 x72	7'0"	2200 lbs.	25" thru 43"
35x45	37x47	22,805.00	No Chg.	67 x83	7'0"	2600 lbs.	25" thru 43"
40x50	42x52	23,805.00	No Chg.	72 x93	7'0"	3300 lbs.	25" thru 43"
44x54	46x56	25,105.00	No Chg.	76 x101	7'0"	3700 lbs.	25" thru 43"
40x60	42x62	25,305.00	No Chg.	82 x93	7'0"	3700 lbs.	25" thru 43"
48x60	51 x63	26,705.00	No Chg.	84 x114	7'4"	4000 lbs.	29" thru 47"

*Height dimension is to top of cabinet. Add 10" to height dimensions for maximum distance. Electrical – 220 Volt, Single Phase. **Gemini can be disassembled if needed for installation.**

DOUTHITT'S NEW VACUUM SYSTEM OPTION "X"

OPTION "X" is a controlled inverse air evacuation system which starts the evacuation of air in the center of the frame and then moves outward to the edges eliminating the trapping of air. It is over twice as fast as a conventional frame and quickly pays for itself in time saved and avoidance of remakes. Because of its absolute, consistent, repeatable electronically controlled air evacuation pattern, it will maintain better register than any other frame and will reduce your makeovers and scrap rate.

OPTIONAL ACCESSORIES:

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| <p>(A) Two Douthitt Heavy Duty Model 26 Silent Air Pumps instead of standard pumps and motors (these pumps require compressed air) Add \$ 790.00</p> <p>(B) Any Douthitt or Olix Combination Light Integrators and Digital Timers can be mounted in lieu of standard integrators Olix 975SC Add \$ 945.00</p> <p>(C) Olite AL83 8000 Watt Tri-Level Printing Lamp Assembly with HF1 exhaust system instead of Standard Lamp Add \$1660.00</p> <p>(D) Filters for Olite Lamps Motorized Dual Rolling Filter Holder with Kokomo and Clearing Filters Add \$1265.00</p> | <p>(E) 5-Drawer Ball Bearing Cabinet mounted inside frame
29 x 40 through 40 x 50 (Drawer I.D. 32 x 43) \$ 1595.00
44 x 54 through 48 x 60 (Drawer I.D. 38 x 50) \$ 1745.00
Larger cabinets available.</p> <p>(F) Motorized raising and lowering of Printing Lamp Assembly instead of manual lifting Add \$ 995.00</p> <p>(G) Spare bulb for printing lamp - see pages 15 & 16.</p> |
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DOUTHITT HEAVY DUTY CONSOLE OVERHEAD PLATEMAKER

ALL DOUTHITT PLATEMAKERS
NOW COME STANDARD WITH
OPTION "X"



Ideal For
• Plates
• Proofs
• Films

DOUTHITT'S NEW VACUUM SYSTEM OPTION "X"

OPTION "X" is a controlled inverse air evacuation system which starts the evacuation of air in the center of the frame and then moves outward to the edges eliminating the trapping of air. It is over twice as fast as a conventional frame and quickly pays for itself in time saved and avoidance of remakes. Because of its absolute, consistent, repeatable electronically controlled air evacuation pattern, it will maintain better register than any other frame and will reduce your makeovers and scrap rate.

Film and Plate Size	Size Inside Blanket Beading	Price with OPTION "X"	Crating	Floor Space	Height*	Approx. Crated Weight	Minimum and Maximum Printing Distance Between Frame and Lamp
30 x 40	31 x 41	\$13,605.00	No Chg.	40 x 47	8'8"	1250 lbs.	24" thru 60"
35 x 45	37 x 47	14,135.00	No Chg.	47 x 55	8'8"	1350 lbs.	24" thru 60"
40 x 50	42 x 52	14,485.00	No Chg.	53 x 60	8'8"	1450 lbs.	24" thru 60"
44 x 54	46 x 55	14,935.00	No Chg.	57 x 64	8'8"	1500 lbs.	24" thru 60"
40 x 60	42 x 62	15,035.00	No Chg.	53 x 70	8'8"	1550 lbs.	30" thru 60"
48 x 60	51 x 63	15,505.00	No Chg.	61 x 70	8'8"	1650 lbs.	30" thru 60"

*Height dimension is from floor to top of post. Add eleven inches to height dimension for maximum distance. Special heights for low ceiling – details on request. Electrical – 115 Volt, 60 Hz. Single Phase A.C. Vacuum System. 220 Volt, 60 Hz. Single Phase A.C. Lamp.

PRICE INCLUDES:

- (1) Douthitt's OPTION "X" Vacuum system, an electronically controlled inverse air evacuation system that starts the vacuum in the center of the frame and moves it outward to the edges eliminating the trapping of air. OPTION "X" gives you the fastest, most consistent overall contact and the best registration.
- (2) Complete Olite AL 53 Tri-Level 5000 Watt Printing Lamp Assembly.
- (3) Douthitt Heavy Duty Model Magic 83 Combination Light Integrator and Digital Timer with 10 channel memory. Integrator comes complete with vacuum time delay, UV photocell, and ability to control all 3 intensities of printing lamps. For more details see page 17.
- (4) Printing Lamp can be raised and lowered by means of counterbalanced weight concealed in vertical post.
- (5) Spring Loaded Back is furnished on the blanket frame allowing any height register pins or contact boards of any thickness.
- (6) Printing Lamp has travel up to 60" for daylight materials.
- (7) Heavy Duty Vacuum Pump and Motor.
- (8) Heavy Duty Universal Blanket.
- (9) Optic clear A-1 Select Glass.
- (10) Finger Tip Control of glass frame is achieved by exclusive, patented spring and fulcrum system (clamps automatically).

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 Add \$ 395.00
- (B) Olite AL 83 8000 Watt Tri-Level Printing Lamp Assembly complete with exhaust system instead of Standard Lamp Add \$ 1660.00
- (C) Dual Rolling Filter Holder with Kokomo and Clearing Filter Add \$ 744.00
- (D) Opaque Curtain Assembly – Eliminate Light Spillage, Fully Fire Retardant and OSHA approved material Add \$ 1095.00
- (E) 5-Drawer Ball Bearing Cabinet mounted inside frame
29 x 40 through 40 x 50 (Drawer I.D. 32 x 43) \$ 1495.00
44 x 54 through 48 x 60 (Drawer I.D. 38 x 50) \$ 1645.00

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DOUTHITT HEAVY DUTY VACUUM FRAME

Elevating and Revolving Model



NOW STANDARD WITH OPTION "X"
FASTEST CONTACT • BEST REGISTRATION



Customized Models Available
Single or Double Sided

PRICE INCLUDES:

- (1) Douthitt's OPTION "X" Vacuum System. OPTION "X" gives you the fastest, most consistent overall contact and the best registration.
- (2) Revolves 360° through Gyrotory Axis which Elevates, Lowers, Locks and Turns in single sweeping effortless action.
- (3) Can be elevated with glass up or down.
- (4) Minimizes time spent in cleaning of glass.
- (5) Inspection Light (Gold Fluorescent) mounted in base.

- (6) Spring Loaded Back is furnished on the blanket frame allowing any height register pins on top or thru register boards.
- (7) Heavy Duty Universal Blanket.
- (8) Heavy Duty Pump, Motor and Vacuum Gauge.
- (9) Optic clear A-1 Select Glass.
- (10) All heavy gauge steel welded construction.
- (11) Unit finished in easy to clean, long wearing Epoxy Enamel.

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..... Add \$ 395.00
- (B) Any Douthitt or Olix Combination Light Integrator and Digital Timer can be conveniently mounted on frame. MAGIC 83 Add \$1095.00 Details on page 17. (A vacuum time delay is included with above integrator. Price includes photocell.)
- (C) Side troughs for Roll materials (see photographs above)..... \$3125.00
- (D) Electric Lift Mechanism for raising and lowering glass or blanket frame\$4195.00
- (E) Frame may be ordered without OPTION "X" Prices upon request.

Film and Plate Size	Size Inside Blanket Beading	Price with OPTION "X"	Space Required	Crating No Chg. Weight
40 x 60	43 x 63	\$12,625.00	46 x 96	1250 lbs.
48 x 60	51 x 63	13,245.00	54 x 96	1350 lbs.
50 x 70	53 x 73	13,675.00	56 x 106	1450 lbs.
60 x 80	63 x 83	15,195.00	66 x 116	1650 lbs.
64 x 84	67 x 87	17,025.00	70 x 121	1800 lbs.
44 x 100	47 x 103	16,095.00	50 x 137	1750 lbs.
54 x 120	57 x 123	18,975.00	60 x 157	2050 lbs.
60 x 120	63 x 123	20,595.00	70 x 157	2250 lbs.
54 x 144	57 x 147	21,475.00	60 x 181	2350 lbs.
60 x 144	67 x 147	23,325.00	70 x 181	2550 lbs.

Custom Sizes – prices on request

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

Special electrical requirements available on request.

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DOUTHITT HEAVY DUTY VACUUM FRAME

**NOW STANDARD WITH OPTION "X"
FASTEST CONTACT • BEST REGISTRATION**



DOUTHITT'S NEW VACUUM SYSTEM OPTION "X"

OPTION "X" is a controlled inverse air evacuation system which starts the evacuation of air in the center of the frame and then moves outward to the edges eliminating the trapping of air. It is over twice as fast as a conventional frame and quickly pays for itself in time saved and avoidance of remakes. Because of its absolute, consistent, repeatable electronically controlled air evacuation pattern, it will maintain better register than any other frame and will reduce your makeovers and scrap rate.

MODEL DL

Rugged construction, especially designed for ease of operation and long lasting, efficient service in a production shop. **Has two printing positions:** (1) Horizontal (2) Vertical.

PRICE INCLUDES:

- (1) Douthitt's OPTION "X" Vacuum System. OPTION "X" gives you the fastest, most consistent overall contact and the best registration.
- (2) Heavy Duty Vacuum Pump and Motor.
- (3) Heavy Duty Universal Blanket.
- (4) Counterbalanced sliding weights concealed in side tubes provide lifelong effortless raising of glass frame and effortless tilting of glass and blanket frames.
- (5) Spring Loaded Back is furnished on the blanket frame allowing any height register pins on top or thru register boards.
- (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.

Film and Plate Size	Size Inside Blanket Beading	Price with OPTION "X"	Space Required	Crating No Chg. Weight
40 x 60	43 x 63	\$ 7,225.00	46 x 78	750 lbs.
48 x 60	51 x 63	8,045.00	54 x 78	925 lbs.
50 x 70	53 x 73	8,855.00	56 x 88	975 lbs.
60 x 80	63 x 83	10,225.00	66 x 98	1075 lbs.
44 x 100	47 x 103	10,625.00	50 x 116	1425 lbs.
52 x 100	55 x 103	11,645.00	58 x 118	1525 lbs.

Special Sizes Available on Request

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

Special Electrical requirements available on request.

OPTIONAL ACCESSORIES:

- (A) Any Douthitt or Olix Combination Light Integrator and Digital Timer can be conveniently mounted on frame.
MAGIC 83 Add \$1095.00
Details on page 17.
(A vacuum time delay is included with above integrator. Price includes photocell.)
- (B) Frame may be ordered without OPTION "X" Prices upon request
- (C) Douthitt Heavy Duty Model 26 Silent Air Pump instead of standard pump and motor (this pump requires compressed air)
(this pump requires compressed air)
see page 17 for details Add \$ 395.00
- (D) Built with Glass down and Blanket up Add \$1495.00
- (E) Reverse DL-Built to tilt toward operator (to save floor space) Add \$1525.00
- (F) Side troughs for Roll materials Add \$2795.00

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