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	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	No Chg.	45 x 55	8'0"	1550 lbs.	24" thru 48"
35 x 45	37 x 47	No Chg.	51 x 61	8'0"	1650 lbs.	24" thru 48"
40 x 50	42 x 52	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 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.

DOUTHITT HEAVY DUTY GLASS DOWN CONTACT PRINTER

MODEL GDCP
A Compact Heavy Duty Glass Down Contact Printer.

INCLUDES:

(1) Complete 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
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!

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) Finger Tip Control of glass frame is achieved by exclusive spring and fulcrum system (clamps automatically).

(6) Heavy Duty Universal Blanket.

(7) Heavy Duty Vacuum Pump and Motor.

(8) Optic clear A-1 Select Glass.

(9) All heavy gauge steel welded construction.

(10) 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	$18,095.00	40 x 43	780 lbs.
29 x 40	31 x 41	18,695.00	44 x 53	850 lbs.
33 x 43	35 x 45	18,795.00	50 x 56	880 lbs.
37 x 48	38 x 50	19,095.00	54 x 61	930 lbs.
40 x 50	42 x 52	19,215.00	54 x 63	970 lbs.
40 x 60	42 x 62	19,665.00	54 x 73	1020 lbs.
48 x 60	50 x 62	20,045.00	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

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.

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

allowing any height register pins or contact boards of any thickness.

(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.

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	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	No Chg.	61 x 72	7'0"	2200 lbs.	25" thru 43"
35 x 45	37 x 47	No Chg.	67 x 83	7'0"	2600 lbs.	25" thru 43"
40 x 50	42 x 52	No Chg.	72 x 93	7'0"	3300 lbs.	25" thru 43"
44 x 54	46 x 56	No Chg.	76 x 101	7'0"	3700 lbs.	25" thru 43"
40 x 60	42 x 62	No Chg.	82 x 93	7'0"	3700 lbs.	25" thru 43"
48 x 60	51 x 63	No Chg.	84 x 114	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:

(A) Two Douthitt Heavy Duty Model 26 Silent Air Pumps instead of standard pumps and motors (these pumps require compressed air)

(B) Any Douthitt or Olix Combination Light Integrators and Digital Timers can be mounted in lieu of standard integrators

(C) 5-Drawer Ball Bearing Cabinet mounted inside frame
29 x 40 through 40 x 50 (Drawer I.D. 32 x 43)
44 x 54 through 48 x 60 (Drawer I.D. 38 x 50)
Larger cabinets available.

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	Floor Crating	Space	Height*	Approx. Crated Weight	Minimum and Maximum Printing Distance Between Frame and Lamp
30 x 40	31 x 41	No Chg.	40 x 47	8'8"	1250 lbs.	24" thru 60"
35 x 45	37 x 47	No Chg.	47 x 55	8'8"	1350 lbs.	24" thru 60"
40 x 50	42 x 52	No Chg.	53 x 60	8'8"	1450 lbs.	24" thru 60"
44 x 54	46 x 55	No Chg.	57 x 64	8'8"	1500 lbs.	24" thru 60"
40 x 60	42 x 62	No Chg.	53 x 70	8'8"	1550 lbs.	30" thru 60"
48 x 60	51 x 63	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 spring and fulcrum system (clamps automatically).
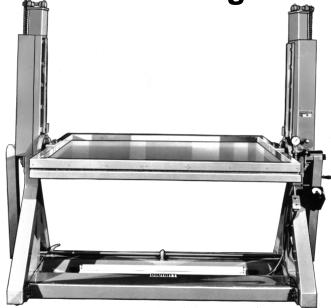
OPTIONAL ACCESSORIES:

(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

(B) Dual Rolling Filter Holder with Kokomo and Clearing Filter

(C) 5-Drawer Ball Bearing Cabinet mounted inside frame
29 x 40 through 40 x 50 (Drawer I.D. 32 x 43)
44 x 54 through 48 x 60 (Drawer I.D. 38 x 50)

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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 360º 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

(B) Any Douthitt or Olix Combination Light Integrator and Digital Timer can be conveniently mounted on frame. Details on page 17. (A vacuum time delay is included with any of above integrators. Prices include photocell.)

(C) Side troughs for Roll materials (see photographs above)

(D) Electric Lift Mechanism for raising and lowering glass or blanket frame

(E) Frame may be ordered without OPTION "X"

Film and Plate Size	Size Inside Blanket Beading	Space Required	Crating No Chg. Weight
40 x 60	43 x 63	46 x 96	1250 lbs.
48 x 60	51 x 63	54 x 96	1350 lbs.
50 x 70	53 x 73	56 x 106	1450 lbs.
60 x 80	63 x 83	66 x 116	1650 lbs.
64 x 84	67 x 87	70 x 121	1800 lbs.
44 x 100	47 x 103	50 x 137	1750 lbs.
54 x 120	57 x 123	60 x 157	2050 lbs.
60 x 120	63 x 123	70 x 157	2250 lbs.
54 x 144	57 x 147	60 x 181	2350 lbs.
60 x 144	67 x 147	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	Crating Space Required	No Chg. Weight
40 x 60	43 x 63	46 x 78	750 lbs.
48 x 60	51 x 63	54 x 78	925 lbs.
50 x 70	53 x 73	56 x 88	975 lbs.
60 x 80	63 x 83	66 x 98	1075 lbs.
44 x 100	47 x 103	50 x 116	1425 lbs.
52 x 100	55 x 103	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. Details on page 17.
(A vacuum time delay is included with any of above integrators. Prices include photocell.)
(B) Frame may be ordered without OPTION "X"
(C) Douthitt Heavy Duty Model 26 Silent Air Pump

instead of standard pump and motor (this pump requires compressed air) see page 17 for details
(D) Built with Glass down and Blanket up
(E) Reverse DL-Built to tilt toward operator (to save floor space)
(F) Side troughs for Roll materials