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.

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**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) .... Add $ 790.00

(B) Any Douthitt or Olix Combination Light
Integrators and Digital Timers can be
mounted in lieu of standard integrators
Olix 975SC .... Add $ 945.00

(C) 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.