

# DOUTHITT HEAVY DUTY Flexographic Platemaker MODEL DCOPXF



- **GATF Award-winning Option “X” Vacuum System Guarantees Fastest Contact and Best Registration**
- **High Wattage Point Light With Heavy Duty Diffusion Filter**

Plate Size	Price with Option “X”	Crating	Floor Space	Approx. Crated Weight
30 x 35	\$16,035.00	No chg.	40 x 47	1350 lbs.
35 x 40	16,495.00	No chg.	47 x 55	1450 lbs.
40 x 45	16,915.00	No chg.	53 x 60	1550 lbs.
48 x 55	17,935.00	No chg.	61 x 70	1750 lbs.

## 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. For more details on the Olite and Violux Printing Lamps see pages 14-15.
- (3) Heavy Duty Motorized Diffusion Filter for controlling exact dot/shoulder specification.
- (4) Automated controls simplify the operation for multiple exposure needs. Standard with 31 channels of memory and battery back up.
- (5) Printing Lamp can be raised and lowered by means of counterbalanced weight concealed inside unit, guaranteeing optimum coverage.
- (6) Spring Loaded Back is furnished on the blanket frame allowing any height register pins or contact boards of any thickness.

## 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) Olite AL83 8000 Watt Tri-Level Printing Lamp Assembly with exhaust system instead of Standard Lamp .....Add \$1595.00
- (C) Motorized Dual Rolling Filter Holder with Kokomo and Clearing Filters.....Add \$1265.00
- (D) 5-Drawer Ball Bearing Cabinet mounted inside frame  
 30 x 35 (Drawer I.D. 25 x 37).....\$ 995.00  
 35 x 40 and 40 x 45 (Drawer I.D. 32 x 43).....\$1095.00  
 48 x 55 (Drawer I.D. 38 x 50).....\$1195.00  
 Larger cabinets available.
- (E) Opaque Curtain Assembly - Eliminate Light Spillage, Fully Fire Retardant and OSHA approved material.....Add \$1095.00

**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

## Twin Frame Flexographic Platemaker

### MODEL FLEXGEM

- **GATF Award-winning Option “X” Vacuum System On Both Frames Guarantees Fastest Contact and Best Registration**
- **Load One Frame While Other Frame is exposing**
- **High Wattage Point Light With Heavy Duty Diffusion Filter**



Film and Plate Size	Size Inside Blanket Beading	Crating	Floor Space	Height	Approx. Crated Weight	Minimum and Maximum Printing Distance Between Frame and Lamp
29 x 40	31 x 41	No Chg.	61 x 72	7' 0"	2300 lbs.	25" thru 43"
40 x 50	42 x 52	No Chg.	72 x 95	7' 0"	3500 lbs.	25" thru 43"
48 x 60	51 x 63	No Chg.	84 x 113	7' 4"	4200 lbs.	29" thru 47"

### 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 AL 53 Tri-Level 5000 Watt Printing Lamp Assembly. For more information on Olite and Violux Printing Lamps see pages 14-15.
- (3) Heavy Duty Motorized Diffusion Filter for controlling exact dot/shoulder specifications.
- (4) Automated controls simplify the operation for multiple exposure needs. Standard with 31 channels of memory and battery backup.
- (5) Printing lamp can be raised or lowered by means of counterbalanced weight concealed inside unit, guaranteeing optimum coverage.
- (6) Spring Loaded Back is furnished on both blanket frames allowing any height register pins or contact boards of any thickness.
- (7) Vacuum Frames are power driven on heavy duty gear track with precision bearings.
- (8) Electronically controlled accelerating and decelerating motor for smooth operation.

### 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) Olite AL83 8000 Watt Tri-Level Printing Lamp Assembly with exhaust system instead of Standard Lamp ..... Add \$ 1595.00
- (C) Motorized Dual Rolling Filter holder with Kokomo and Clearing Filters ..... Add \$ 1265.00
- (D) 5-Drawer Ball Bearing Cabinet mounted inside frame
  - 29 x 40 (Drawer I.D. 25 x 37) ..... Add \$ 1145.00
  - 40 x 50 (Drawer I.D. 32 x 43) ..... Add \$ 1295.00
  - 48 x 60 (Drawer I.D. 38 x 50) ..... Add \$ 1395.00

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# DOUTHITT FLEXOGRAPHIC PLATEMAKERS

## MODEL DCOFP

**High Wattage Point Light Unit with Automated Diffusion Filter**  
**Higher Resolution and Less Dot Gain**



### INCLUDES:

- (1) Complete Olite AL83 Tri-Level 8000 Watt Printing Lamp Assembly with Heat Exhaust System.
- (2) Motorized Diffusion Filter for controlling exact dot/shoulder specification.
- (3) Automated controls simplify the operation for multiple exposure needs. Standard with 31 channels of memory and battery back up.
- (4) Loads on Aluminum Platen with mylar vacuum blanket and crossflow fan for cooling surface.
- (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) Finger Tip Control of glass frame is achieved by exclusive patented spring and fulcrum system (clamps automatically).
- (8) Heavy Duty Vacuum Pump and Motor.
- (9) All heavy gauge steel welded construction.

Maximum Plate Size	Crating	Floor Space	Height	Approx. Crated Weight
25 x 30	No Chg.	48 x 55	8'0"	1550 lbs.
30 x 40	No Chg.	59 x 66	8'0"	1650 lbs.
48 x 60	No Chg.	71 x 85	8'0"	1800 lbs.

Prices on request.

## MODEL "COOL" PRINTER

**Fast – Cool – No Exposed Light**

### INCLUDES:

- (1) A bank of high output cool UVA lights with fans to maintain a cool working surface.
- (2) The reflector hood is raised and lowered effortlessly.
- (3) The loading platen is constructed of a drilled and routed aluminum plate. Plastic is rolled on a bar over the platen, insuring fast contact with minimal absorption of U.V. light.
- (4) Heavy Duty Digital Timer.
- (5) Heavy Duty Vacuum Pump and Motor. Vacuum Gauge. Bleeder Valve.
- (6) All heavy gauge steel welded construction.



Maximum Plate Size	Crating	Overall Size	Approx. Crated Weight
17 x 24	No chg.	25 x 34	300 lbs.
30 x 40	No chg.	48 x 51	500 lbs.
35 x 45	No chg.	55 x 57	600 lbs.

Electrical Specifications – 115 Volt, Single Phase, A.C. 20 Amps  
 Prices on request.

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# DOUTHITT HEAVY DUTY *EXPOD* FLEXOGRAPHIC PLATEMAKER

## Expose/Detack/Post Expose Exposure System

- A bank of high output UVA lamps with fans to maintain a cool working surface for main exposure and back exposure
- A Bottom Drawer to access 2 additional banks of lamps - UVC lamps for the detack exposure and UVA lamps for post exposure. Each bank is controlled by its own independent timer
- Convenient visual indicators to determine if detack/post exposure lamps are lit
- Available with or without vacuum system (for digitally masked plates)
- Optional Plate Drying Drawers Available



Sizes Available for plate sizes from  
25 x 30 to 52 x 80

## DOUTHITT UV CURING SYSTEMS

- Lamp Wattage and Width per your Application's Requirements
- Variable Speed Transfer Belt
- Air Cooling System to Maintain Low Temperature of Base Substrates
- Focused Reflector for High Concentration of UV Energy
- Heavy Duty Steel Welded Construction
- Optional Real Time UV Monitoring



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