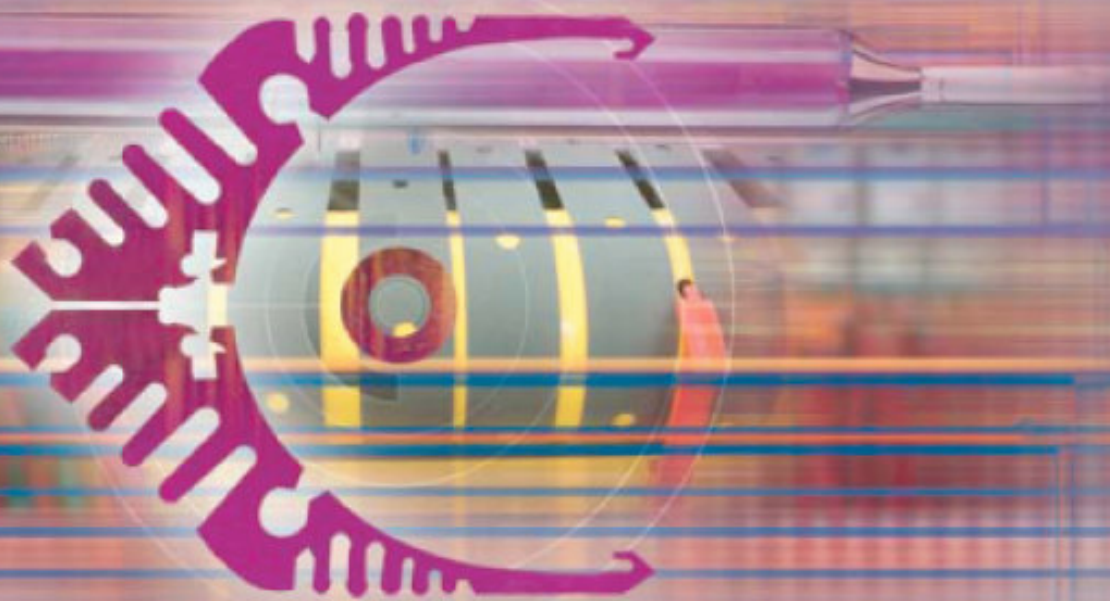




UV SYSTEM UV SYSTEM UV SYSTEM UV SYSTEM UV SYSTEM UV SYSTEM UV SYSTEM



UV SYSTEM UV SYSTEM UV SYSTEM UV SYSTEM UV SYSTEM UV SYSTEM UV SYSTEM

OFFSET UV SYSTEM

Offset UV Curing System



General Features

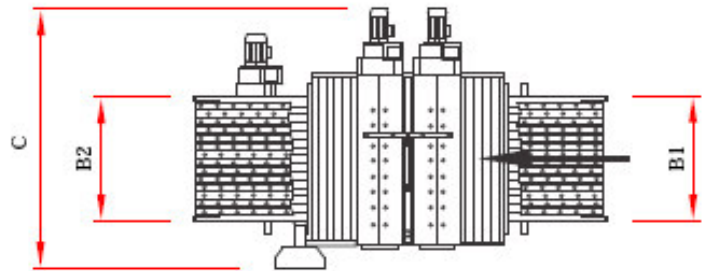
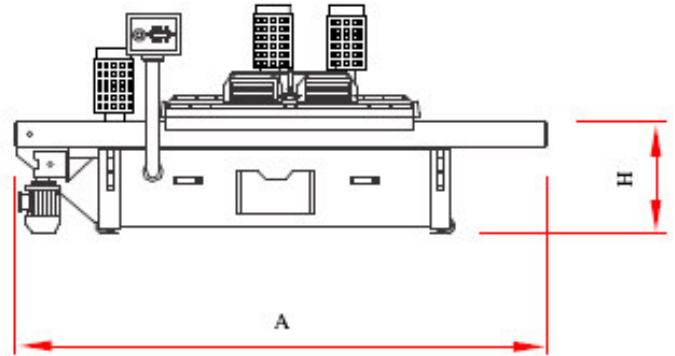
- Offsetcure model UV dryers are designed for sheet-fed printing presses and let UV ink printing on PVC, PE or PP based materials as well as UV lacquer applications.
- Membrane switch and PLC automation control
- Lamp power can be controlled in 3 levels as 60%, 80%, and 100%.
- Extruded aluminum elliptic reflectors (patented by EMA) with a replaceable reflecting surface
- Extruded aluminum cabins (patented by EMA) for each lamp
- Conveyor with polyester belts is speed and height adjustable and easily movable on wheels.
- Gas spring lift system for the lamp cabin to protect the material and the belts from heat in case of any conveyor drive failure
- The conveyor is cooled by a base vacuum system.
- Each lamp cabin is cooled by an individual fan for a long operating life and the flow rate is controlled according to the lamp power.
- An air pillow fan at the outlet of the machine
- An electrical drawer with wheels for easy maintenance
- Electro-statically painted machine body to prevent scratching
- 1000 operation hours warranty for the lamps, one year warranty for the machine

Optional Features

- Quartz tubes or panes as IR filters to protect the cured material from IR heat effect when curing plastic based materials
- A photo-detector system to stop the conveyor in case of sheet flutter (Not required when quartz panes are used)

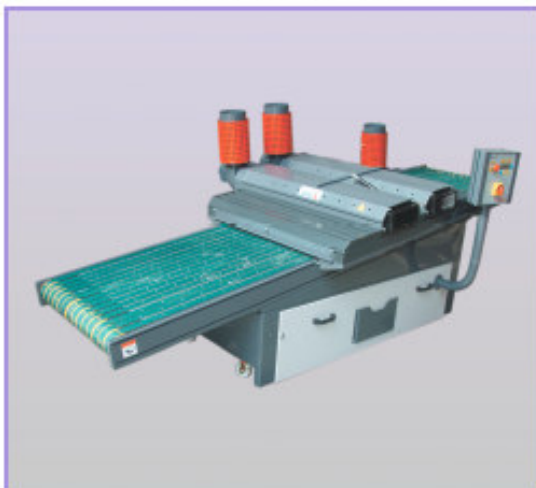
Technical Features

- 120 W/cm powered mercury UV lamps
- 380 Volt, 3 phases, 50 Hz energy supply



	Band Width	Curing Width	Conveyor Inlet Width	Conveyor Outlet Width	Overall Width	Conveyor Length	Conveyor Height	Conveyor Speed	Lamp Power	Input Voltage	Weight
	(mm)	(mm)	B1 (mm)	B2 (mm)	C (mm)	A (mm)	H (mm)	(m/min)	(kW)	(Volt)	(kg)
OC 400	290	300	350	580	1265	2500	540	20 - 100	9.6	380 - 415	500
OC 600	550	550	660	660	1485	2500	540		14.4		600
OC 600-A	500	550	550	660	1485	2500	540		14.4		600
OC 800	700	700	760	760	1635	3000	540		19.2		700
OC 800-A	550	700	585	760	1635	3000	540		19.2		700
OC 1100	1000	1000	1060	1060	2015	3000	590-1300		26.4		1000
OC 1100-A	950	1000	1000	1060	2015	3000	590-1300		26.4		1000
OC 1350	1250	1250	1320	1320	2315	3000	1300		33.6		1300
OC 1500	1400	1400	1450	1450	2415	3500	1300		36.0		1600

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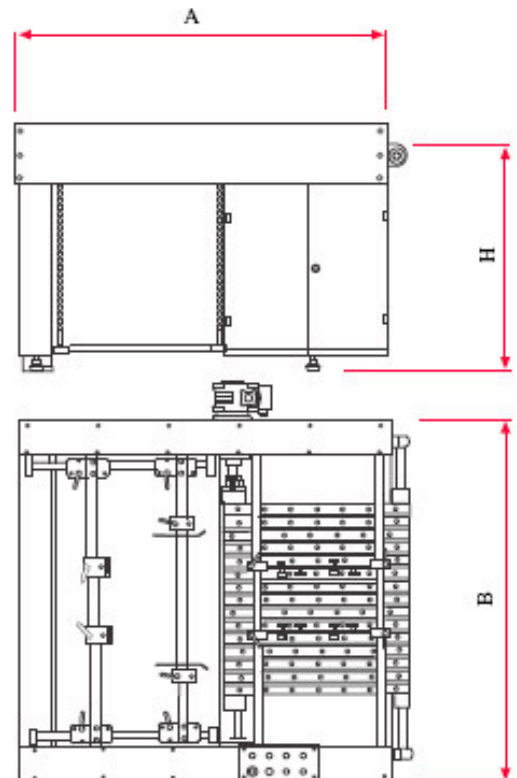
Stacking System for Offset Printing

General Features

- Offset printing auto stackers are designed to speed up the operation for the offset printing line.
- PLC automation control
- Height adjustable conveyor for an easy adaptation to the printing line
- Adjustable side and front flaps for different sheet sizes
- Adjustable guide rollers for the sheet transfer to achieve an easy and precise transfer
- A vacuum system underneath the transfer belt system of the conveyor to support the sheet transfer
- Tidy sheet alignment on the edges with the synchronized side and front flap strokes
- Stack height adjustment easily made by the operator
- Automatic height adjustment of the stacking table by a capacitive sensor during the operation
- Audible caution system with a buzzer as a reminder for unloading the stack
- 1 pc emergency stop button on the control panel
- Electro-statically painted machine body to prevent scratching
- One year warranty

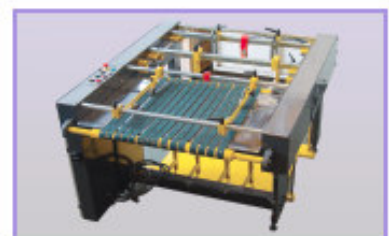
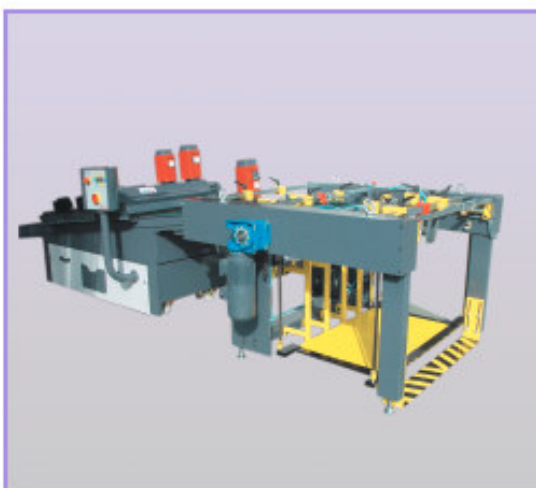
Technical Features

- 380 Volt, 3 phases, 50 Hz power supply



	Maximum Sheet Size	Length	Width	Height	Maximum Loading Height	Maximum Loading Weight	Air Pressure	Input Voltage	Weight
	(mmxmm)	A (mm)	B (mm)	H (mm)	(mm)	(kg)	(bar)	(Volt)	(kg)
AO 800	520x720	1420	1400	890 ± 50	700	350	6	380 - 415	480
AO 1100	720x1020	1820	1700						750

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Roland 700 & EMA UV SYSTEM



Heidelberg Sors & EMA UV SYSTEM

Heidelberg Kors & EMA UV SYSTEM



EXPOSURE UNIT

Exposure System for Offset Printing

General Features

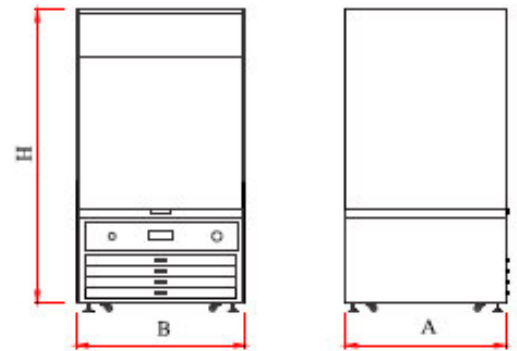
- Full automatic control system
- 16 channels computer control for different applications
- Light integrated system for automatic exposure against voltage fluctuating
- Easily movable body
- Electro-statically painted machine body to prevent scratching
- One year warranty

Optional Features

- 5000 W powered exposure lamp
- Automatic diffusion

Technical Features

- 380 Volt, 3 phases, 50 Hz energy supply



	Mould Size	Print Size	Width	Length	Height	Lamp Power	Input Voltage	Weight
	(mmxmm)	(mmxmm)	B (m)	A (mm)	H (mm)	(kW)	(Volt)	(kg)
EO 70x80	700x880	500x 700	1080	850	2000	2	380 - 415	150
EO 88x108	880x1080	700x1000	1270	1000	2250			175
EO 115x143	1150x1430	900x1260	1510	1210	2450			205

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BAKING OVEN

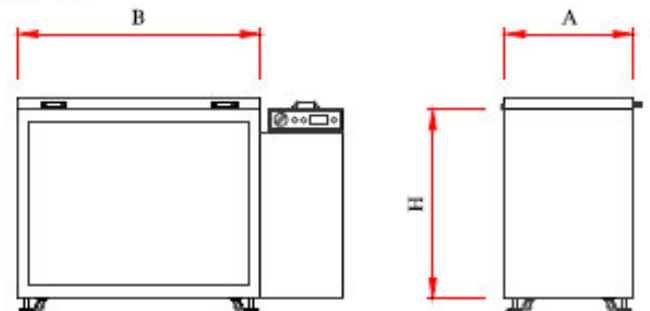
Offset Plate Baking Oven

General Features

- Offset plate baking ovens are developed for increasing the life time of offset plates and save time spent for replacing plates.
- Closed circuit hot air circulation
- Stainless steel inner surface
- Easily movable and height adjustable body
- Electro-statically painted machine body to prevent scratching
- One year warranty

Technical Features

- A capacity of maximum 6 pcs plate baking
- 380 Volt, 3 phases, 50 Hz energy supply



	Maximum Plate Size	Width	Length	Height	Heating Power	Input Voltage	Weight
	(mmxmm)	B (mm)	A (mm)	H (mm)	(kW)	(Volt)	(kg)
BO 1000	880x1080	1510	800	1250	7.2	380 - 415	450

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