



# GOLD STAR<sup>®</sup>

DRY OFFSET PRIVATE LIMITED

*Precision Printing, Engineered Excellence.*



**Manufacturer & Exporter of**

- Dry Offset Printing Machine
- Heat Label Transfer Machine
- Hot Foil Stamping Machine
- IML Robotics



[www.goldstardryoffset.com](http://www.goldstardryoffset.com)



## COMPANY PROFILE

(Estd. 2002)

**GOLDSTAR DRY OFFSET PVT. LTD.** (A unit of Goldstar Industries) Designers and Manufacturers of Dry Offset Printing Machine, Heat transfer Machine & Hot Foil Stamping Machine and IML Robotics Machine. Many of the machines are available in several and different configuration to suit customer requirements.

We intend to serve our customers to provide total print solutions and work closely with our customers on new product development requiring printing and make recommendation leading to cost reductions, increased quality, speed and product efficiency.

To find out more about our decorative printing machinery which meets your requirements.





## ECO-135 (Semi Auto)

### 4/6 COLOUR DRY OFFSET PRINTING MACHINE

For Food, Grease, Paint, Lubricant Containers & Metal Cans



### FEATURES

- Manual loading / Auto unloading on exit conveyor
- Flame treatment with auto ignition
- AC motor with variable AC frequency drive
- Fine lateral and radial plate cylinder adjustment
- Offline registration
- Ink distribution system
- UV LED Drying

### OPTIONAL

- Zero max drive from USA / variable speed drive from Japan
- PLC based Ink transfer system
- Magnetic plate Cylinder



### SPECIFICATIONS

No. of Blankets	2/4 Blankets
Min. Dia & Max. Dia	Ø 60 mm x Ø 130 mm
Min. Ht & Max. Ht	60 mm x 150 mm max.
Power Consumption	4 KW / 3 phase
Machine Speed	2500 – 3000 /hr

## GD-135 (Fully Auto)

### 4/6 COLOR FULLY AUTO

For Food, Grease, Paint, Lubricant Containers & Metal Cans



### FEATURES

- Auto loading & unloading on exit conveyor
- Flame treatment with auto ignition
- Instant UV drying on mandrel
- AC motor with variable AC frequency drive
- Fine lateral and radial plate cylinder adjustment
- Offline registration
- Ink distribution system

### OPTIONAL

- Magnetic plate cylinder
- Zero max drive from USA / variable speed drive
- PLC based ink transfer system



### SPECIFICATIONS

No. of Blankets	2/4 Blankets
Min. Dia & Max. Dia	Ø 60 mm x Ø 130 mm
Min. Ht & Max. Ht	60 mm x 150 mm max.
Power Consumption	7.5 KW / 3 phase
Machine Speed	4500 – 6000 /hr

## GD-210

### 4/6 COLOR DRY OFFSET PRINTING MACHINE

For Food, Grease, Paint, Lubricant Containers



#### FEATURES

- Auto loading & unloading on exit conveyor
- Flame treatment with auto ignition
- 4/6 colour printing in single pass
- 2 blanket printing with precise registration
- Online UV drying on mandrel
- Ink distribution system
- Offline registration

#### OPTIONAL

- Magnetic plate cylinder
- Zero max drive from USA / variable speed drive
- PLC based ink transfer system

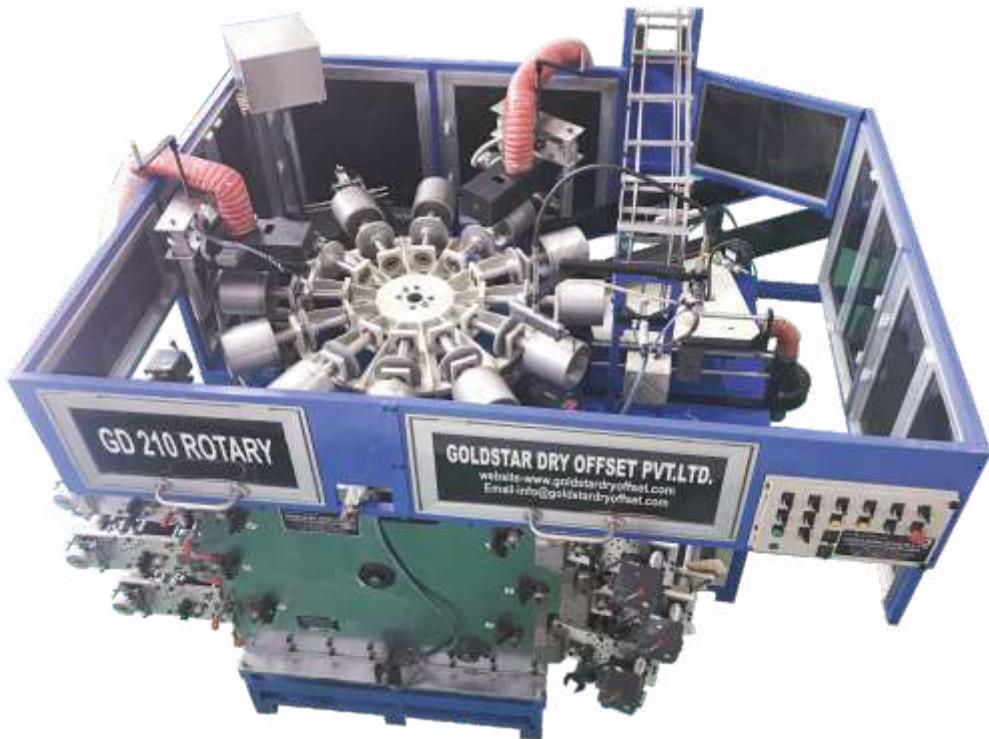
#### SPECIFICATIONS

No. of Blankets	2 Blankets
Min. Dia & Max. Dia	Ø 80 mm x Ø 210 mm
Min. Ht & Max. Ht	100 mm x 200 mm max.
Power Consumption	9 KW / 3 phase
Machine Speed	2500 – 3000 /hr

## RGD-210 (Rotary)

### 4/6 COLOR DRY OFFSET PRINTING MACHINE

Printing with online UV Varnish



### FEATURES

- Auto loading & unloading on exit conveyor
- Flame treatment with auto ignition
- 2 blanket printing with precise registration
- Instant UV drying for printing and varnish
- Individual & independent UV control system for printing & varnish unit
- Individual & independent AC motor with variable AC drive for printing & varnish unit
- Easy to bypass varnish unit if not required
- Ink distribution system
- Offline registration
- Fine lateral and radial plate cylinder adjustment

### OPTIONAL

- Magnetic plate cylinder
- Zero max drive from USA / variable speed drive
- PLC based ink transfer system

### SPECIFICATIONS

No. of Blankets	2 Blankets
Min. Dia & Max. Dia	Ø 80 mm x Ø 210 mm
Min. Ht & Max. Ht	100 mm x 200 mm max.
Power Consumption	12 KW / 3 phase
Machine Speed	2500 – 3000 /hr

## PP-350 (Pail Printer)

### 4/6 COLOR DRY OFFSET PRINTING MACHINE

From 1Ltr to 22Ltr / 1 gallon to 5 gallons

Cylindrical & Conical shaped



### FEATURES

- Online flame treatment with auto ignition
- Offline registration
- Zero max drive from USA / variable speed drive
- Ink distribution system
- Mechanical clamping plate Cylinder
- Instantaneous UV drying
- Auto ejection on exit conveyor
- Universal coupling to accommodate any container angle
- AC motor with variable AC frequency drive
- Zig Zag type oscillating roller maintenance free
- Online orientation of bucket
- Complete vacuum system
- Operator controlled panel with HMI
- Auto loading on mandrel via gravity conveyor

### OPTIONAL

- Magnetic Cylinder
- Corona Treatment
- Print with metal handle
- PLC based Ink transfer system

### SPECIFICATIONS

Mode of Feeding	Automatic via gravity conveyor
No. of Blankets	Single & double blanket system
Min. Dia & Max. Dia	Ø 150 mm x Ø 350 mm
Min. Ht & Max. Ht	175 mm x 400 mm max.
Power Consumption	12 KW / 3 phase
Machine Dimension	(L)3200 (W)2000 (H)2600
Machine Speed	700 to 800 /hr (20Ltr)

## CPP-350 (Classy Pail Printer)

### 4/6 COLOR DRY OFFSET PRINTING MACHINE

From 1Ltr to 22Ltr / 1 gallon to 5 gallons

Cylindrical & Conical shaped



### FEATURES

- Auto loading on mandrel via stacker with conveyor
- Multiple bulk containers to be loaded on stacker through conveyor
- PLC based Ink transfer system
- Magnetic Cylinder for quick changeover
- Gearbox with neutral & 1:1 and 1:2 (ratio) for single & double blanket selection system

### OPTIONAL

- Corona Treatment
- Print with metal handle

### SPECIFICATIONS

Mode of Feeding	Automatic via stacker with conveyor
No. of Blankets	Single & double blanket system
Min. Dia & Max. Dia	Ø 150 mm x Ø 350 mm
Min. Ht & Max. Ht	175 mm x 400 mm max.
Power Consumption	15 KW / 3 phase
Machine Dimension	(L)4000 (W)3000 (H)2600
Machine Speed	1000 to 1200 /hr (20Ltr)

## CP-50 (Cap Printer)

### 4/6/8 COLOR DRY OFFSET PRINTING MACHINE

For Plastic Or Metal Caps / Closures



### FEATURES

- Auto Mechanical loading & unloading on exit conveyor
- Flame treatment with auto ignition
- Instantaneous UV drying
- AC motor with variable AC drive
- Fine lateral and radial plate cylinder adjustment
- 12/16 station mechanical indexer
- Ink distribution system
- Offline registration
- Zero max drive from USA / variable speed drive

### OPTIONAL

- Magnetic plate cylinder
- PLC based ink transfer system
- Bowl Feeder and hopper

### SPECIFICATIONS

Mode of Feeding	Automatic
No. of Blankets	4/8 blankets
Min. Dia & Max. Dia	Ø 20 mm x Ø 50 mm
Min. Ht & Max. Ht	25 mm x 80 mm max.
Machine Speed	125 to 150 caps /min

## RCP-50 (Rotary Cap Printer)

### 4/6/8 COLOR DRY OFFSET PRINTING MACHINE

For Plastic Or Metal Caps / Closures

Printing with online UV Varnish



## FEATURES

- Online UV varnish (laquer) unit for overcoat
- Individual & independent UV control system for printing & varnish
- Individual & independent AC motor with variable AC drive for variable speed of printing machine & varnish
- Easy to bypass varnish unit if not required
- 12/16 station mechanical indexer

## TP-70 (Tube Printer)

### 4/6/8 COLOR DRY OFFSET PRINTING MACHINE

For Rigid / Flexi Tubes



#### FEATURES

- Auto Mechanical loading & unloading on exit conveyor
- Flame treatment with auto ignition
- Instantaneous UV drying
- AC motor with variable AC drive
- Fine lateral and radial plate cylinder adjustment
- 8/12 station mechanical indexer
- Ink distribution system
- Offline registration
- Zero max drive from USA / variable speed drive

#### OPTIONAL

- Magnetic plate cylinder
- PLC based ink transfer system
- Corona Treatment



#### SPECIFICATIONS

Mode of Feeding	Automatic
No. of Blankets	4 blankets
Min. Dia & Max. Dia	Ø 30 mm x Ø 70 mm
Min. Ht & Max. Ht	60 mm x 200 mm max.
Machine Speed	70 to 90 tubes /min

## RTP-70 (Rotary Tube Printer)

### 4/6/8 COLOR DRY OFFSET PRINTING MACHINE

For Rigid / Flexi Tubes

Printing with online UV Varnish



### FEATURES

- Online UV varnish (laquer) unit for overcoat
- Individual & independent UV control system for printing & varnish
- Individual & independent AC motor for printing machine & varnish
- Easy to bypass varnish unit if not required
- 12/16 station mechanical indexer

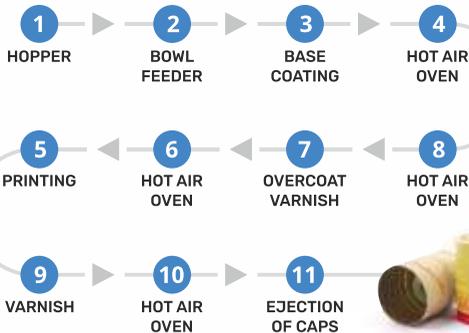


## ROPP-70 (Cap Printer)

FOR ALUMINUM CAPS / TUBES



### ROPP CAP PRINTING SEQUENCE



### SPECIFICATIONS

Mode of Feeding	Automatic
No. of Blankets	4 Blankets
Min. Dia & Max. Dia	Ø 25 mm x Ø 35 mm
Min. Ht & Max. Ht	25 mm x 70 mm max
Machine Speed	120 to 150 caps /min

## CUP PRINTER

4/6/8 COLOR DRY OFFSET PRINTING MACHINE



### FEATURES

- Auto screw loading of cups
- Online Corona treatment
- 4/6/8 color printing in a single pass
- 360 Degree printing
- AC motor with variable AC drive
- Auto online unloading of cups with stacker

### SPECIFICATIONS

Mode of Feeding	Automatic
No. of Blankets	4 Blankets
Min. Dia & Max. Dia	Ø 40 mm x Ø 100 mm
Min. Ht & Max. Ht	40 mm x 140 mm max.
Power Consumption	11 KW / 3 phase
Machine Speed	250 cups /min

## HF-F60 (Fully Auto)

### HOT FOIL TRANSFER LABEL MACHINE



### FEATURES

- Caps are auto oriented after bowl feeder
- Linear speed & printing length can be controlled with the help of PLC and HMI
- Temperature controller
- Fine adjustment of pressure towards cap and cliché
- Positively ejection of cap after printing
- Cliché mounting plate can be adjusted in various directions and angular movement
- Synchronized cycling to avoid foil wastage
- Foil winder and un-winder roller can be controlled by individual stepper motor



### SPECIFICATIONS

Mode of Feeding	Automatic
Min. Dia & Max. Dia	Ø 20 mm x Ø 60 mm
Min. Ht & Max. Ht	25 mm x 70 mm max.
Power Consumption	6 KW / 3 phase
Machine Speed	30-40 caps /hr

## HTL-100 (Fully Auto)

### HEAT TRANSFER LABEL MACHINE FOR TUBES



### FEATURES

- 8 station Indexer with brake motor for positively stop at printing position
- PLC based system with HMI
- Auto loading and unloading of tubes
- Vertical Foil movement toward gravitational direction for positive & accurate foil movement
- Individual Variable frequency drive for Silicon Roller
- Special provision to avoid damage of silicon roller incase of power failure
- To-fro, angular, lateral movement provision for indexing head
- Taper adjustment up to 6 degree included angle



### SPECIFICATIONS

Mode of Feeding	Automatic on mandrel
Min. Dia & Max. Dia	Ø 30 mm x Ø 70 mm
Min. Ht & Max. Ht	50 mm x 240 mm max.
Power Consumption	6 KW / 3 phase
Machine Speed	1500 to 2500 /hr

## HTL-S350 (Semi Auto)

### HEAT TRANSFER LABEL MACHINE



#### FEATURES

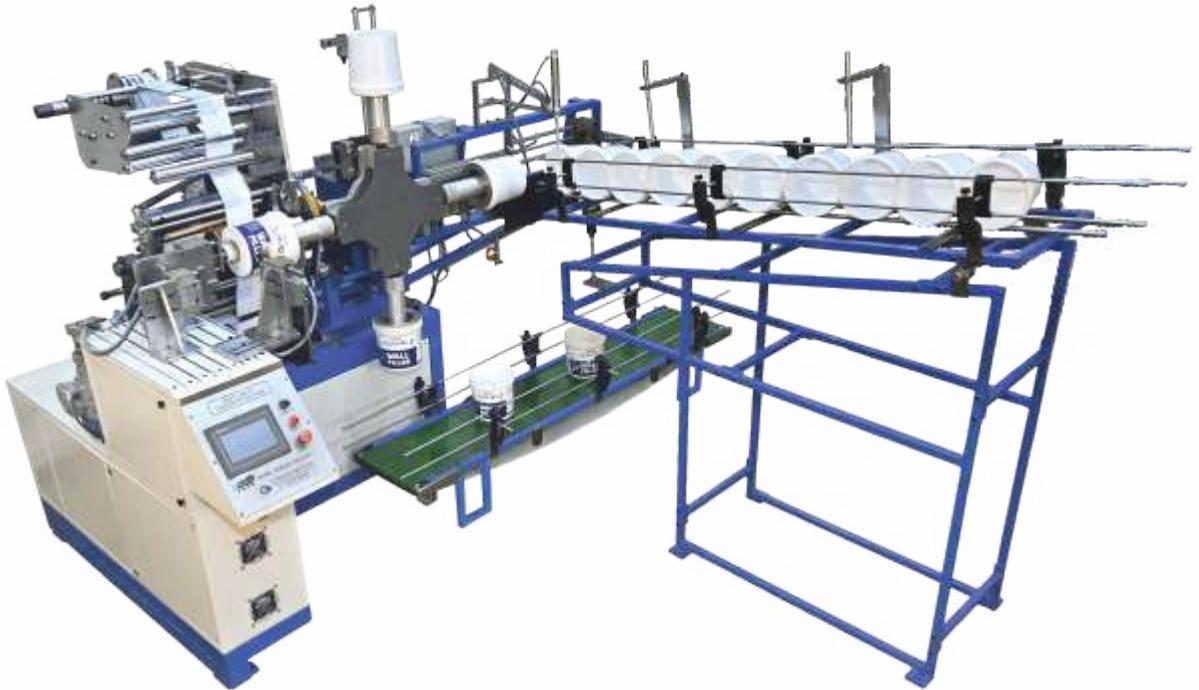
- Work table can be adjusted to & fro
- Suitable to Print Cylindrical & Conical object
- Can be operated in Semi & Auto mode
- Mechanical Clutch for Controlling Foil Movement
- Heater unit can be moved from Silicon Roller which helps to increase life & avoid damage of Silicon Roller

#### SPECIFICATIONS

Mode of Feeding	Manual
Min. Dia & Max. Dia	Ø 100 mm x Ø 350 mm
Min. Ht & Max. Ht	100 mm x 450 mm max.
Power Consumption	5 KW / 3 phase
Machine Speed	150-200 /hr

## HTL-F350 (Fully Auto)

### HEAT TRANSFER LABEL MACHINE



### FEATURES

- 4 station Indexer with brake motor for positively stop at printing position
- PLC based system with HMI
- Auto loading and unloading of tubes
- Vertical Foil movement toward gravitational direction for positive & accurate foil movement
- Individual Variable frequency drive for Silicon Roller
- Special provision to avoid damage of silicon roller incase of power failure
- To-fro, angular, lateral movement provision for indexing head
- Taper adjustment up to 6 degree included angle
- Online Orientation of container
- Machine Speed - 300 to 600 /hrs

*Due to continuous development & upgradation, the specifications here in are subject to change without prior notice.*

## GD-PH135 (Fully Auto)

### 4/6 COLOR DRY OFFSET PRINTING MACHINE

For Measuring Cups & Syringes



### FEATURES

- Auto loading & unloading on exit conveyor
- Flame treatment with auto ignition
- Instant UV drying on mandrel
- AC motor with variable AC frequency drive
- Fine lateral and radial plate cylinder adjustment
- Offline registration
- Ink distribution system

### OPTIONAL

- Magnetic plate cylinder
- Zero max drive from USA / variable speed drive
- PLC based ink transfer system



### SPECIFICATIONS

No. of Blankets	4 Blankets
Min. Dia & Max. Dia	Ø 10 mm x Ø 40 mm
Min. Ht & Max. Ht	15 mm x 160 mm max.
Power Consumption	9 KW / 3 phase
Machine Speed	4500 – 5500 /hr

## HTL-DANCING DALL



### FEATURES

- Work table can be adjusted to & Fro
- Suitable for Square & Rectangular shape
- Can be operated in semi & Auto Mode
- Clutch for Controlling Foil movement
- Individual in independent motor for silicon roller and container driver
- Dancing Movement can be adjected according to stroke

### SPECIFICATIONS

Mode of Feeding	Manual
Capacity	1 ltr to 20 ltr
Power consumption	6 kw



## UV LACQUERING/VARNISH MACHINE

PLASTIC PRINTED PAILS FROM 1LTR TO 20LTR SIZE



### FEATURES

- Auto / Manual loading system
- Individual & independent AC motor with variable AC drive for printing & varnish unit
- Fine laquer distribution system
- Re-circulation of laquer
- Laquer spreading stations for uniform surface through out the circumference of pails
- Online UV drying
- Auto ejection on conveyor

### SPECIFICATIONS

Mode of Feeding	Manual/Automatic
Min. Dia & Max. Dia	Ø 150 mm x Ø 350 mm
Min. Ht & Max. Ht	175 mm x 400 mm max.
Power Consumption	7.5 KW / 3 phase
Machine Speed	700 to 800 pails/ hr

## ROTARY CAP PRINTER



### FEATURES

- Mechanical and pneumatic model
- Hopper and elevator for high-speed feeding of caps.  
Hopper capacity of 15000 caps
- Pressing rollers to ensure proper fitting of caps before the printing process
- Online flame treatment unit with auto ignition to increase dyne value of cap for permanent printing
- Rotary pad made of high quality silicone rubber for sharp and accurate printing
- Etched roller made of special steel for more life
- Aluminium mandrels as per cap size
- Teflon coating on mandrels
- High-speed counters
- Auto unloading of caps
- Low maintenance cost
- On line hot air or IR dryer for quick drying
- Delta make PLC with the program
- Servo-controlled printing heads
- Precision in colour registration
- Sturdy machine base



## GLOBAL PRESENCE

Goldstar Dry Offset Pvt. Ltd. have existence in the global market and have supplied dry offset printing machines in various countries around the world in almost all continents. (Middle East, West Africa, and South American Market). Our customer database consists of a large variety of companies from small starters on the plastic printing market up to companies with a billion plus output per month. With the constant improvements in our quality and standards we have been able to sell one machine recently in the rigid and quality conscious European continent as well.

### SERVICE CENTRES : FLORIDA (USA), BANGLADESH, IVORY COAST, GHANA, MEXICO

- Mexico
- Colombia
- Peru
- Brazil
- Bolivia
- California
- Venezuela
- Argentina
- Austria (Hungary)
- Syria
- Egypt
- UAE (Sharjah)
- Turkey
- Greece
- Algeria
- Nigeria
- Kenya
- Zambia
- Congo
- Ghana
- Ivory Coast
- Mali
- South Africa - Durban
- Senegal
- Tanzania
- Uzbekistan
- Kazakhstan
- Bangladesh



Collaborated with  
**UNITED STATES**



*Precision Printing, Engineered Excellence.*

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