



# Standard Roto Gravure

Mfgs:-of Multi Colour Roto Gravure, Coating -Lamination, slitting Machine, B.O.P.P. Film Folding /Knurling Machine, Gusseting Machine, Tube opening/ D Folding machine, Doctoring /Inspection machine, Charka / Ream machine, Core cutting machine

Ref: SRG / 40" / CL / 2024

DATE : 07 / 11 / 2024

To,  
M/s Radhey Flexibles Packaging Pvt Ltd  
Gala no. 5-8, 1st floor  
Bldg no B2, Pasupati complex  
Kalwar, Bhiwandi 401302  
Gst no. : 27AANCR2899E1ZT  
E-mail ID :- [rfppl1201@gmail.com](mailto:rfppl1201@gmail.com)

Dear Sir,

## PROFORMA INVOICE FOR LAMINATION MACHINE

SR NO	Description	Price (RS.)
01.	40" CAPACITY LAMINATION MACHINE	: 60,00,000/-
02.	3 NOS. WEB GUIDERS (E+L MAKE)	: 2,00,000/-
03.	FIVE DRIVE SYSTEMS ( FOR DYNASPEDE)	: 12,00,000/-
	18% GST	: 13,32,000/-
	<b>Total Amount</b> (Eighty Seven Lac Thirty Two Thousnd Only)	: <b>87,32,000/-</b>

TAX AT ACTUAL

FOR STANDARD ROTO GRAVURE,



Reg ads : 2,Raju Estate, Opp.BismillahHotel,KheraniRoad,Sakinaka,Mumbai - 400072, Maharashtra-INDIA.  
Factory ads:c-8,Arihant Indl estate-opp Parmar Techno Park gate no 3,Vasai phata ,vasai east. PH:9322526755.  
[www.standardrotogravure.com](http://www.standardrotogravure.com),Email: [info@standardrotogravure.com](mailto:info@standardrotogravure.com)/[psraj221@gmail.com](mailto:psraj221@gmail.com). Mob 09820122891



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## COATING AND LAMINATION MACHINE MODEL: SRG 40" CL

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Material not in our scope of supply .

Terms & Conditions of Supply



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## 1.0 TECHNICAL SPECIFICATIONS :

1.1	Type of Lamination	:	Dry
1.2	Type of Coating	:	Gravure
1.3	Maximum web width	:	40"
1.4	Minimum web width	:	400 mm
1.5	Materials to be processed :		
	a ) PT / MET / PET	:	10 – 40 Microns .
	b ) CPP / BOPP / OPP	:	15 – 40 Microns .
	c ) Film Laminates	:	Up to 70 Microns.
	d ) Films made from PE	:	30 – 80 Microns.
1.6	Max reel outer diameter	:	Un winder 1000 mm re winder 1000 mm
1.7	Core inside diameter	:	76mm/152 mm
1.8	Maximum laminating speed	:	200 m/min.
1.9	Type of un winder	:	Simplex
1.10	Unwind tension control	:	Auto Tension
1.11	Unwind side displacement (Primary & Secondary):	:	Manual
1.12	Pressure roll loading	:	Pneumatic
1.13	Doctor blade loading	:	Spring

**NOTE :** The actual production speed will depend on all operating conditions such as;

- Type . Thickness & quality of the Material .
- Quality of coating & rubber rollers .
- Coating thickness , Quality of adhesives & solvents .
- Operator skillfulness .





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1.14	Doctor blade oscillation	:	Mechanical
1.15	Coating Drive	:	Separate Motor
1.16	Drying Tunnel Length	:	10 mtr. (approx)
1.17	Drying system	:	Hot air
1.18	Air Source	:	Centrifugal blowers
1.19	Heat source	:	Electric heaters
1.20	Heating control	:	Temperature controllers
1.21	Heating zones	:	Five
1.22	Tunnel rollers	:	Driven
1.23	Drying hood lifting	:	Pneumatic
1.24	Nip roller loading	:	Pneumatic
1.25	Nip Drive	:	Synchronized with the coating drive
1.26	Type of re winder	:	Simplex center
1.27	Rewind drive	:	Synchronized with nip drive
1.28	Web direction	:	Right to Left ( or as advised )
1.29	Machine Color	:	Deco Regent White & P O Red

## UTILITIES

1.30	Total power load of motors	:	23 H.P.
1.31	Total heating load	:	47 K.W

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## 2.0 SCOPE OF SUPPLY

**One 40" Capacity Coating & Lamination machine.**

**Model : SRG 40" CL** consisting of:

- 2.1 One simplex un winder (Primary web) .
- 2.2 One Gravure coating unit .
- 2.3 One drying unit .
- 2.4 One laminating unit (dry lamination) .
- 2.5 One simplex un winder (secondary web) .
- 2.6 One simplex re winder .
- 2.7 All motors for the air blowers and drives .
- 2.8 One five drives synchronized control panel .
- 2.9 One control panel for all blowers and heating zones .
- 2.10 One set of standard tool kit .



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## 4.0 MACHINE DESCRIPTION

### 4.1 UNWIND UNIT (PRIMARY WEB)

- 4.1.1 One roll simplex Reel stand .
- 4.1.2 Max reel outer diameter : 1000 mm
- 4.1.3 Max reel weight : 1000 kgs .
- 4.1.4 One mechanical shaft : 76 mm core I . d .
- 4.1.5 Shaft mounting on bearings .
- 4.1.6 Unwind tension controlled manually by a friction brake assembly .
- 4.1.7 Unwind side displacement controlled manually from the operator side .

### 4.2 ONE COATING UNIT CONSISTS OF THE FOLLWING SUB ASSEMBLED :

- 4.2.1
  - a) One full width coating roller supported by bearings on both side.
  - b) The bearing housings are mechanically locked on the unit side frame during operation .
  - c) Can accept hollow as well as fixed shaft rollers .

#### 4.2.2 LACQUER ASSEMBLY :

- a) Immersion type lacquer system having one full width tray .
- b) the tray is adjustable in height by means of a hand wheel .

#### 4.2.3 DOCTOR BLADE ASSEMBLY :

- a) This unit is mounted on low friction bushings having mechanical oscillation.
- b) Doctor blade supporting assembly adjustable to different wiping angles .
- c) The assemblies positioned on the coating roller by a self locking gear box having spring loaded wiping pressure .
- d) Fine screws for the adjustment of blades parallelism with respect to the coating roller.





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## 4.2.4 PRESSURE ROLLER ASSEMBLY :

- a ) The unit can accept hollow as well as integrated shaft type pressure roller and is designed for quick and easy changeover.
- b) The coating pressure is applied manually at the roller journals & is adjustable by a regulator .
- C ) One full width hollow pressure roller of share hardness 60 – 65 is provided.

## 4.2.5 COATING DRIVE ASSEMBLY :

- a) Drive to the coating roller through Helical gears.
- b ) Separate motor is provided to this unit.

## 4.3. DRYING UNIT :

- 4.3.1 Bottom insulated drying tunnel of 11 meters length having five equal heat zones.
- 4.3.2 Lacquer drying system by means of hot air blower blown on to the web through nozzles featuring a constant width continuous slot.
- 4.3.3 Backing rollers to support the web in opposite position with respect to the each nozzles.
- 4.3.4 All rollers in the drying tunnel are driven by a common drive with the laminating nip drive.
- 4.3.5 The drying system is designed for electric heating and includes for each heat Zones
  - \* No .of drying hoods : 1
  - \* No. of nozzles : 2
  - \* Blower capacity : 2 HP
  - \* Heat load (for 50 to 100 Degrees ) : 9 K . W .
  - \* The temperature can be set independently by temperature controllers.
  - \* The drying hoods are manually lifted (hanged door type) for easy web guiding and cleaning of idler rollers.
- 4.3.6 Air volumes are controlled and balanced by manually operated dampers on each blower.
- 4.3.7 The exhaust nozzles are equally distributed along the tunnel length .

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## 4.4 LAMINATING NIP UNIT (Dry Lamination) :

- 4.4.1 One hard chrome plated steel draw roller with manually operated heat resistance rubber nip roller of 70 - 75 shore hardness.
- 4.4.2 Provision is made for the heating the steel roller by electric heater.
- 4.4.3 The temperature can be controlled as required.
- 4.4.4 Separate drive is provided to this unit which is synchronized with the coating Drive .

## 4.5 UNWIND UNIT (SECONDARY WEB) :

- 4.5.1 Same as 4.1

## 4.6 CHILLING UNIT :

- 4.6.1 One hard chrome plated steel roller is provided after the dry nip unit having provision for cold water to be circulated through rotary unions.
- 4.6.2 The drive to this roller is common with the dry laminating nip drive.

## 4.7 SIDE FRAME ASSEMBLY :

- 4.7.1 The Coating and Nip unit side frame construction is 50 mm thick, 500 mm width 1830 MM Long M . S . Plates
- 4.7.2 The MS plates precisely machined and supported by sufficient tie bars & cross beams to ensure perfect alignment and a vibration free performance

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## 4.8 REWINDER :

- 4.8.1 One roll simplex reel stand of Center Shaft winding type .
- 4.8.2 Maximum reel outer diameter : 1000 mm.
- 4.8.3 Maximum reel weight : 250 kgs.
- 4.8.4 One mechanical shaft : 76 mm core I . d .
- 4.8.5 Shaft mounting on bearings.
- 4.8.6 Rewind tension controlled by a separate drive synchronized with the laminating nip drive.

## 4.9 ELECTRICALS & ELECTRONICS :

- 4.9.1 One control cabinet having modules for the coating nip and rewind drives/ emergency stop buttons.
- 4.9.2 One common control cabinet for the heating zones having temperature Controllers, Blowers controllers and emergency stop button.
- 4.9.3 The following motors are provided:
- |                          |   |              |
|--------------------------|---|--------------|
| * For Coating Drive      | : | 3HP * 1 No   |
| * For nip drive          | : | 5HP * 1 No.  |
| * For rewind drive       | : | 5HP * 1 No   |
| * For supply air blowers | : | 2HP * 5 Nos. |
- 4.9.4 The following electric heaters are provided:
- |                         |   |                 |
|-------------------------|---|-----------------|
| * For the drying tunnel | : | 3 K.W * 15 Nos. |
| * For the nip roller    | : | 2 K. W * 1 No.  |
- 4.9.5 Total power load of motors : 23 H. P .
- 4.9.6 Total heating load : 47 K. W.



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Page No :9

## 5.0 TERMS & CONDITIONS OF SUPPLY :

- 5.0.1 Price : Rs. 87,32,000/- (Including GST).
- 5.0.2 Price Basic : Sales Tax, Insurance other Government Levies if any), Packing and Forwarding, Loading, Unloading and other incidental charges will be charges at the time of delivery.
- 5.0.3 Payment Terms : 1st 65% Advance, Balance after trail before delivery.
- 5.0.4 Taxes : Central Excise Nil. Sales Tax Excise and other taxes through mentioned will be charges as applicable at the time of delivery.
- 5.0.5 Delivery Time : 75 to 90 days from the order Confirmation, finalization of all technical specification and advance payment (whichever is last).
- 5.0.6 Delivery Place : Ex-works SRG.
- 5.0.7 Validity : Our Offer is valid for 45 days only from the date here of .



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- 5.0.8 Inspection** : The machine may be inspected by you / your representative or Engineer at our site prior to dispatch.
- 5.0.9 Causes** : The causes beyond control which might determine eventual delay in the delivery of the supply are no to be imputable SRG said causes are War, Revolution, Flood , Fire, Natural calamities.
- 5.0.10 Penalty** : No penalty claim will be effective.
- 5.1.1 Erection and commissioning:** Our service Engineer will supervise Erection and Commissioning Installation and commissioning of the machine. You will have to provide all necessary tools and unskilled labour for – Erection and Commissioning. You must ensure that all accessories and power connections are ready before you call our Service Engineer.
- 5.1.2 Guarantee** : 12 months from the delivery of the machine during the guarantee period.





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6.0

## Material Used:

6.0.1	Motor	:	SIEMENS
6.0.2	Steel	:	INDUSTRIAL GRADE
6.0.3	Control Panel	:	DYNA SPEDE WITH LINEAR POWER CONTROL
6.0.4	Paint	:	DUCO REGENT WHITE AND P O RED
6.0.5	Bearing	:	SKF AND N T N
6.0.6	Free Rolls	:	ALUMINIUM (Dynamically Balanced)

7.0

## SALIENT FEATURES:

7.0.1 Wrinkle removing rolls are provided to have wrinkle free coating fine materials.

8.0 SPACE REQUIRED : 8' W X 12' H X 35' L

9.0. MACHINE WEIGHT : 15,000 KGS APPROX

Thanking You,

Yours Faithfully,

FOR STANDARD ROTO GRAVURE,



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## BANK DETAILS

ACCOUNT NAME : STANDARD ROTO GRAVURE  
ACCOUNT NO. : 139405500660  
IFSC CODE : ICIC0001394  
BANK NAME : ICICI BANK  
BRANCH : VASAI EAST.  
ADDRESS : GOKHIVARE, VASAI ROAD, EVERSHINE CITY, VASAI (E) - 401208.



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Ref No : SRG/60''BFPNGT/2024

Date: 07-11-2024

To,  
M/s Radhey Flexibles Packaging Pvt Ltd  
Gala no. 5-8, 1st floor  
Bldg no B2, Pasupati complex  
Kalwar, Bhiwandi 401302  
Gst no. : 27AANCR2899E1ZT  
E-mail ID :- [rfppl1201@gmail.com](mailto:rfppl1201@gmail.com)

Dear Sir,

## PROFORMA INVOICE FOR 60''FOLDING MACHINE

SR NO	Description	Price (RS.)
01	60 '' BOTTOM FOLDING MACHINE With All Parts	15,00,000 /-
02	PEARL MIXING UNIT	2,00,000 /-
03	KNURLING UNIT (HEAT SEALING)	5,00,000 /-
04	KNURLING UNIT (ULTRA SONIC CHINA)	2,50,000 /-
05	GUSSET UNIT	75,000 /-
06	TAPE APPLICATOR	25,000 /-
07	TOP FOLD UNIT	2,25,000 /-
08	E+L MAKE LINE GUIDE	2,25,000 /-
09	E+L MAKE UNWIND BRAKE	1,50,000 /-
	TOTAL 9 ITEMS	31,50,000 /-
	GST TAX @18%	5,67,000/-
	NET TOTAL AMOUNT	37,17,000/-

(Thirty Seven Lac Seventeen Thousand Only)

For STANDARD ROTO GRAVURE







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Kalwar ,Bhiwandi 401302  
Gst no. : 27AANCR2899E1ZT  
E-mail ID :- [rfppl1201@gmail.com](mailto:rfppl1201@gmail.com)

SUB : 60'' BOTTOM FOLDING WITH NURLING MACHINE.

## Technical Specifications:

Working Width	:	60''
Working Speed	:	Up to 350 Mtrs. Depend upon Material
Unwinding Unit	:	2 No's (Clear . 1 Pearl .1 )
Knurling Unit	:	2 No's (Heat sealing for LD 1 no ,ultrasonic 1 no)
Gusset Unit	:	1 No
Winding Unit	:	1 No
Machine Body	:	150mm x 75mm MS Channel Fabrication .
Floor Space	:	14' L X 7' W X 8" H Approx.
Machine Weight	:	3500 KGS. Approx.

## Power Required:

Main Motor	:	7.5 HP 1 No. AC
Suitable to Fold on	:	BOPP , Pearl , LD , PP, HM paper etc .
Variable Speed Control	:	AC Panel.

Optional Features : : Web Guiding ,Tension Control Systems.

Price Basic : Sales Tax, Insurance other Government Levies if any), Packing and Forwarding, Loading, Unloading and other incidental charges will be charges at the time of delivery.

Price : At Actual.

Payment Terms : 65% Advance Balance after trial, Before Delivery.



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( 2 )

<b>Delivery Times</b>	:	Up to 6 weeks.
<b>Delivery Place</b>	:	Ex-works SRG, Mumbai.
<b>Erection and commissioning</b>	:	Our service Engineer will supervise Erection and Commissioning Installation and commissioning of the machine. You will have to provide all necessary tools and unskilled labor for – Erection and Commissioning. You must ensure that all accessories and power connections are ready before you call our Service Engineer.
<b>Guarantee</b>	:	12 Month From the delivery of the Machine During the Guarantee Period .
<b>Validity</b>	:	Our offer is valid for 45 days from the date hereof .

High tech compact machine for competitive advantage on the market

The model BFWN Unit family of Folding machine provided advantaged Technical Solutions at a limited costs , completes the range of standard machines for the Flexible package business .

The model BFWN Machines are Characterized by their compact design and their low constructive complexity .

High productivity and low investment cost make the model BFWN folding machine the right choice for the short and long term profitability .

The Model BFWN machine is designed on the basis of years of technological experience and features in ovation and web feeding system ,Bottom Folding System . Gusseting system , Knurling system , Winding system .



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( 3 )

## Material Used:

01.	Motors	:	SIEMENS
02.	Steel	:	INDUSTRIAL GRADE
03.	Control Panel	:	SRG CONTROL SYSTEM
04.	Paint	:	REGENT WHITE AND PO RED POWDER COATED
05.	Bearing	:	SKF AND NTN
06.	Free Rolls	:	ALUMINIUM - 63mm ID X 73MM O.D. with Dynamically Balanced.
07.	Nip Rolls	:	5"Q X Hard Chrome Plated With Dynamically Balanced
08.	Rubber Roll	:	5"Q X 65 Hardness .
09.	Un Wind sensor roll	:	3" Q black color roll

Thanking You,

Best Regards,

For STANDARD ROTO GRAVURE,







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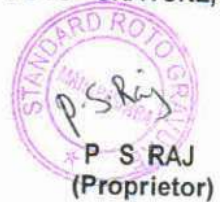
Dear Sir,

PROFORMA INVOICE FOR 1000 MM. 9 COLOUR ROTO GRAVURE PRINTING MACHINE

SR NO	Description	Price (RS.)
01.	1000 MM CAPACITY 9 COLOUR ROTO GRAVURE PRINTING MACHINE WITH ALL PARTS (5 Drive with ARC )	: 82,00,000 /-
	GST @18 %	: 14,76,000 /-
	Total Amount	: 96,76,000 /-

(Amount in Words: Ninty Six Lacs Seventy Six Thousand Only)

FOR STANDARD ROTO GRAVURE,





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M/s Radhey Flexibles Packaging Pvt Ltd  
Gala no. 5-8 , 1st floor  
Bldg no B2 ,Pasupati complex  
Kalwar ,Bhiwandi 401302  
Gst no. : 27AANCR2899E1ZT  
E-mail ID :- [rfppl1201@gmail.com](mailto:rfppl1201@gmail.com)

## ROTOGRAVURE PRINTING MACHINE MODEL : SRG 1000 MM. RG STD

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# Standard Roto Gravure

Mfgs:-of Multi Colour Roto Gravure, Coating -Lamination, slitting Machine, B.O.P.P. Film Folding /Knurling Machine , Gusseting Machine , Tube opening/ D Folding machine ,Doctoring /Inspection machine ,Charka / Ream machine, Core cutting Machine

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## 1.0 TECHNICAL SPECIFICATIONS :

- |     |                             |   |                              |
|-----|-----------------------------|---|------------------------------|
| 1.1 | Machine Type                | : | Rotogravure Printing Machine |
| 1.2 | Number of Printing Stations | : | NINE                         |
| 1.3 | Maximum web width           | : | 1000 mm                      |
| 1.4 | Minimum web width           | : | 400 mm                       |
| 1.5 | Printing Repeat range       | : | 750 mm (Cut Length)          |
| 1.6 | Materials to be processed:  |   |                              |

FOIL / BOPP / CPP / PVC (SOFT) / PAPER AND / PAPER LAMINATE / LD / HM / HDPE / LLDPE

- |     |   |                  |
|-----|---|------------------|
| 1.7 | Max reel outer diameter at UN winder & re winder: | 1000 mm          |
| 1.8 | Core inside diameter                              | : 76 mm / 150 mm |
| 1.9 | Maximum Printing speed / Machine Speed            | : 150 mtr/min.   |

**NOTE :** The actual production speed will depend on all operating conditions  
Such as;

- Type . Thickness & quality of the Material .
- Quality of Printing Cylinders and impression rollers .
- Printing repeats
- Quality of inks and solvents
- Operator skillfulness .



# Standard Roto Gravure

Mfgs:-of Multi Colour Roto Gravure, Coating -Lamination, slitting Machine, B.O.P.P. Film Folding /Knurling Machine, Gusseting Machine, Tube opening/ D Folding machine, Doctoring /Inspection machine, Charka / Ream machine, Core cutting Machine

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- |      |   |                                    |
|------|---|------------------------------------|
| 1.10 | Type of un winder                           | : Simplex (1 NO)                   |
| 1.11 | Unwind tension control                      | : Automatic Tension Control System |
| 1.12 | Unwind side displacement                    | : Manual                           |
| 1.13 | Impression roll loading                     | : Pneumatic                        |
| 1.14 | Doctor blade loading                        | : Pneumatic                        |
| 1.15 | Doctor blade oscillation                    | : Mechanical                       |
| 1.16 | Registration Control Lateral<br>& Longitude | : Manual                           |
| 1.17 | Main Drive                                  | : 7.5 H P                          |
| 1.18 | Type of re winder                           | : Center Shaft                     |
| 1.19 | Rewind Drive                                | : Automatic Tension Control System |
| 1.20 | Drying System                               | : Hot air                          |
| 1.21 | Air Source                                  | : Blower                           |
| 1.22 | Heating Source                              | : Electric heater                  |
| 1.23 | Heating Control                             | : Temperature control              |
| 1.24 | Web direction                               | : Right To Left.                   |
| 1.25 | Machine Color                               | : H. M . Shell White & Orange      |

## UTILITIES

- |      |                      |           |
|------|----------------------|-----------|
| 1.26 | Power load of motors | : 31.5 HP |
| 1.27 | Total heating load   | : 67.5 KW |



# Standard Roto Gravure

Mfgs:-of Multi Colour Roto Gravure, Coating -Lamination, slitting Machine, B.O.P.P. Film Folding /Knurling Machine , Gusseting Machine , Tube opening/ D Folding machine ,Doctoring /Inspection machine ,Charka / Ream machine, Core cutting Machine

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## 2.0 SCOPE OF SUPPLY

One 1000mm Capacity Nine Color Roto Gravure Printing Machine  
Model : SRG 1000 RG consisting of :

- 2.1 One simplex un winder with Auto Tension Control System
- 2.2 Nine Printing Station
- 2.3 One Re winder with Auto Tension control System
- 2.4 All Motors for the Air Blowers & Drives
- 2.7 One set of standard tool kit.

## 3.0 OPTIONAL FEATURES :

- 3.1 Ink circulation System
- 3.2 Static Eliminates unit
- 3.3 Auto Registration Control Systems (A R C)





# Standard Roto Gravure

Mfgs:-of Multi Colour Roto Gravure, Coating -Lamination, slitting Machine, B.O.P.P. Film Folding /Knurling Machine, Gusseting Machine, Tube opening/ D Folding machine, Doctoring /Inspection machine, Charka / Ream machine, Core cutting Machine

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## 4.0 MACHINE DESCRIPTION

### 4.1 UNWINDER

- 4.1.1 One roll simplex Reel stand.
- 4.1.2 Max reel outer diameter : 1000 mm
- 4.1.3 Max reel weight : 500 Kgs.
- 4.1.4 One mechanical shaft : 76 mm core I . d . / 150mm
- 4.1.5 Shaft mounting on bearings .
- 4.1.6 Unwind tension controlled by Automatic.
- 4.1.7 Unwind side displacement controlled manually from the operator side with Web Guider.

### 4.2 EACH PRINTING STATIONS CONSISTING OF THE FOLLWING SUB ASSEMBLED :

#### 4.2.1 CYLINDER MOUNTING ASSEMBLY :

- a) This assembly is designed to accept hollow as well as integrated shaft type printing Cylinders .
- b) Minimum & Maximum Cylinder Diameter : 5" to 9"
- c) The Cylinder shaft is supported by bearings housing both sides.
- d) The bearing housing are mechanically locked on the station side frame during operation

#### 4.2.2 INKING ASSEMBLY :

- a) Immersion type Inking system having one full width ink tray .
- b) The Ink tray is adjustable in height by means of a hand wheel to cover the full range of printing cylinder circumference .



# Standard Roto Gravure

Mfgs:-of Multi Colour Roto Gravure, Coating -Lamination, slitting Machine, B.O.P.P. Film Folding /Knurling Machine , Gusseting Machine , Tube opening/ D Folding machine ,Doctoring /Inspection machine ,Charka / Ream machine, Core cutting Machine

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## 4.2.3. DOCTOR BLADE ASSEMBLY :

- a) This assembly is mounted on low friction bushings having mechanical Oscillation drive off the gear box.
- b) Doctor blade supporting assembly adjustable to different wiping angles .
- c) The assemblies is positioned on the print cylinder by a self locking gear box having Pneumatic loaded wiping pressure .
- d) Fine screws for the adjustment of blades parallelism with respect to the printing cylinder .
- e) Prevision is made for blowing air on the printing cylinder whenever required

## 4.2.4 IMPRESS ROLLER ASSEMBLY :

- a) This assembly can accept hollow as well as integrated shaft type impression rollers and is designed for quick and easy changeover
- b) One full width hollow pressure roller of share hardness 60 – 65 is provided .at each station . ( Rubber roll 6" Dia Provide by Party ) .



# Standard Roto Gravure

Mfgs:-of Multi Colour Roto Gravure, Coating -Lamination, slitting Machine, B.O.P.P. Film Folding /Knurling Machine , Gusseting Machine , Tube opening/ D Folding machine ,Doctoring /Inspection machine ,Charka / Ream machine, Core cutting Machine

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## 4.2.6 DRYING ASSEMBLY :

- \* Ink drying by means of hot air blown into the web through nozzles featuring a constant width continuous slot .
- The Drying system is designed for electric heating and each printing station consists of :
  - \* No .of drying hoods : 2
  - \* No. of nozzles : 2
  - \* Blower capacity : 2 HP
  - \* Heat load (up to 80 Degrees ) : 7.5 K .W .
  - \* The temperature can be set independently by temperature controllers.
  - \* The drying hoods are easily opened (hanged door type) for easy web guiding and cleaning of idler rollers

## 4.2.5 MAIN DRIVE ASSEMBLY :

- Drive to the cylinder shaft through individual gear boxes with enclosed oil bath lubrication
- One common motor is provided for all the printing station





# Standard Roto Gravure

Mfgs:-of Multi Colour Roto Gravure, Coating -Lamination, slitting Machine, B.O.P.P. Film Folding /Knurling Machine, Gusseting Machine, Tube opening/ D Folding machine, Doctoring /Inspection machine, Charka / Ream machine, Core cutting Machine

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## 4.2.8. SIDE FRAME ASSEMBLY :

- \* The printing station side frame construction is 40 mm thick x 500 mm width x 1800 mm height M. S. Plates
- \* The M.S. plates precisely machined and supported by sufficient tie bars & cross beams to ensure perfect alignment and a vibration free performance .

## 4.3 REWINDER :

- 4.3.1 One roll simplex reel stand of centre winding type .
- 4.3.2 Maximum reel outer diameter : 1000 mm.
- 4.3.3 Maximum reel weight : 500 kgs.
- 4.3.4 One mechanical shaft : 76 mm core I . d .
- 4.3.5 Shaft mounting on bearings.
- 4.3.6 Rewind tension controlled by Automatic Tension Control System synchronized with the main nip drive.
- 4.3.7 Full width lay on roller to assist rewinding from fore to maximum reel diameter

## 4.4 ELECTRICALS & ELECTRONICS :

- 4.4.1 One control Panel for the main and rewind drives .
- 4.4.2 Nine control cabinet having module for heat zone having Temperature controller, Blower controls and emergency stop button
- 4.4.3 The following motors are provided:
  - \* For main drive : 7.5 HP \* 1 no.
  - \* Rewind drives 1 Nos. : 5 HP \* 1 nos.
  - \* For supply air blowers : 2 HP \* 9 nos.
  - \* For web guider : 1 HP \* 1 nos.
- 4.4.4 The following heaters are provided : 2.5 KW \* 27 nos.
- 4.4.5 Total power load of motors : 31.5 HP.
- 4.4.6 Total heating load : 67.5 K .W.



# Standard Roto Gravure

Mfgs:-of Multi Colour Roto Gravure, Coating –Lamination, slitting Machine, B.O.P.P. Film Folding /Knurling Machine , Gusseting Machine , Tube opening/ D Folding machine ,Doctoring /Inspection machine ,Charka / Ream machine, Core cutting Machine

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## 5.0 TERMS & CONDITIONS OF SUPPLY :

- 5.0.1 Price : 96,76,000/-.(Including GST)  
(Amount in Words: One Crore Six Lacs Twenty Thousand Only)
- 5.0.2 Payment Terms : 1<sup>st</sup> 50% Advance Balance against Delivery.
- 5.0.3 Taxes : GST 18% At Actual
- 5.0.4 Delivery Time : Up to 60 days from the order Confirmation, finalization of all technical specification and advance payment (whichever is last).
- 5.0.5 Delivery Place : Ex-works SRG Mumbai.
- 5.0.6 Inspection : The machine may be inspected by you / your representative or Engineer at our site.
- 5.0.7 Causes : The causes beyond control which might determine eventual delay in the delivery of the supply are no to be imputable SRG said causes are War, Revolution, Flood , Fire, Natural calamities.
- 5.0.8 Penalty : No penalty claim will be effective.
- 5.0.9 Erection and commissioning : Our service Engineer will supervise Erection and Commissioning Installation and commissioning of the machine. You will have to provide all necessary tools and unskilled labor for – Erection and Commissioning. You must ensure that all accessories and power connections are ready before you call our Service Engineer.



# Standard Roto Gravure

Mfgs:-of Multi Colour Roto Gravure, Coating –Lamination, slitting Machine, B.O.P.P. Film Folding /Knurling Machine , Gusseting Machine , Tube opening/ D Folding machine ,Doctoring /Inspection machine ,Charka / Ream machine, Core cutting Machine

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**5.1.1 Guarantee** : 12 months from the delivery of the machine during the guarantee period.

**5.1.2 High tech compact machine competitive advantage on the market**

**5.1.3**

- The model SRG 1000RG family of Gravure machine provides advantage technical solutions to limited costs , completes the range of standard machine for the Flexible package printing business
- \* The model SRG 1000 RG machine are characterized by their compact design and their low constructive complexity .
- High productivity and low investment cost make the model SRG 1000 RG Machine the right choice for the short and long term profitability .
- The model SRG 1000 RG machine is designed on the basis of years of technological experience and features in ovation on Doctor Blade System , Rubber Roll impression System , and Drying System , Cylinder mounting Shaft System , Material Feeding Arc System Etc.





# Standard Roto Gravure

Mfgs:-of Multi Colour Roto Gravure, Coating –Lamination, slitting Machine, B.O.P.P. Film Folding /Knurling Machine , Gusseting Machine , Tube opening/ D Folding machine ,Doctoring /Inspection machine ,Charka / Ream machine, Core cutting Machine

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6.0

Material Used:

6.0.1	Motor	:	Siemens Motors.
6.0.2	Steel	:	Industrial grade.
6.0.3	Control Panel	:	SRG Make Power Control System.
6.0.4	Paint	:	H.M. Shell White and Orange
6.0.5	Bearing	:	SKF & NTN
6.0.6	Free Rolls	:	ALUMINIUM Pipe Rolls (Dynamically Balanced)

7.0

SALIENT FEATURES :

7.0.1 WRINKLE REMOVING ROLLS ARE PROVIDED TO HAVE WRINKLE FREE PRINTING FINE MATERIALS.

Thanking You,

Yours Faithfully,

FOR STANDARD ROTO GRAVURE ,



P S RAJ  
(Proprietor)



# Standard Roto Gravure

Mfgs:-of Multi Colour Roto Gravure, Coating -Lamination, slitting Machine, B.O.P.P, Film Folding /Knurling Machine , Gusseting Machine , Tube opening/ D Folding machine ,Doctoring /Inspection machine ,Charka / Ream machine, Core cutting Machine

## Bank Details :

Account Holder Name : STANDARD ROTO GRAVURE

Account No. : 139405500660

IFSC Code : ICIC0001394

Account Bank : ICICI BANK

Branch : Vasai East, (Gokhivare Road, Evershine City, Vasai East, 401208)



# Standard Roto Gravure

Mfgs:-of Multi Colour Roto Gravure , Coating –Lamination, slitting Machine, B.O.P.P. Film Folding /Knurling Machine , Gusseting Machine , Tube opening/ D Folding machine , Doctoring /Inspection machine ,Charka / Ream machine, Core cutting machine

Ref. No: SRG / 100 /DTSM /2024.

Date : 07 / 11 / 2024

To,  
M/s Radhey Flexibles Packaging Pvt Ltd  
Gala no. 5-8 , 1st floor  
Bldg no B2 ,Pasupati complex  
Kalwar ,Bhiwandi 401302  
Gst no. : 27AANCR2899E1ZT  
E-mail ID :- [rfppl1201@gmail.com](mailto:rfppl1201@gmail.com)

Dear Sirs ,

PROFORMA INVOICE FOR 50" SLITTING & REWINDING MACHINE  
MODEL : SRG DRUM TYPE (50")

SR NO	Description	Price (RS.)
01.	100" CAPACITY SLITTING & REWINDING MACHINE : (WEB GUIDER 1NO AT UN WIND E+L MAKE, UN WIND AUTO TENSION CONTROLLER DYNASPEEDE MAKE, RE WINDER TAPER TENSION CONTROL 2 SET DYNASPEEDE, RE – WINDER AIR SHAFT RESOURCE MAKE 2 Nos.)	68,00,000 /-
	GST @ 18 % :	12,24,000 /-
	GRAND TOTAL :	80,24,000 /-

(Amount in words :- Eighty Lakhs Twenty Four Thousand Only. )

For STANDARD ROTO GRAVURE,



P S RAJ  
(PROPRIETOR)





# Standard Roto Gravure

Mfgs:-of Multi Colour Roto Gravure , Coating –Lamination, slitting Machine, B.O.P.P, Film Folding /Knurling Machine , Gusseting Machine , Tube opening/ D Folding machine ,Doctoring /Inspection machine ,Charka / Ream machine, Core cutting machine

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Gala no. 5-8 , 1st floor  
Bldg no B2 ,Pasupati complex  
Kalwar ,Bhiwandi 401302  
Gst no. : 27AANCR2899E1ZT  
E-mail ID :- [rfppl1201@gmail.com](mailto:rfppl1201@gmail.com)

## SLITTING AND REWINDING MACHINE MODEL: SRG DRUM TYPE

### INDEX

- 1.0 Technical Specifications
- 2.0 Scope of Supply
- 3.0 Optional Features
- 4.0 Machine Description:
  - 4.1 Un winder
  - 4.2 Draw Roll Unit
  - 4.3 Slitting Unit
  - 4.4 Trimming Unit
  - 4.5 Re winder
  - 4.6 Side Frame Assembly
  - 4.7 Electrical & Electronics

Material not in our scope of supply  
Terms & conditions apply.

### 1.0 TECHNICAL SPECIFICATIONS

- 1.1 Machine Type : Slitting & Rewinding
- 1.2 Type of slitting : Razor Blade with Circular Cutter
- 1.3 Maximum web width : 100"
- 1.4 Minimum slit width : 50mm
- 1.5 Materials to be processed:  
BOPP / OPP/ PVC Soft / Film Laminates / Foil / Paper Laminates  
HM / HDPE / LD / LDPE etc.
- 1.6 Tension Range : 40 kg
- 1.7 Max reel outer diameter : at un winder 1000mm  
at re winder 500mm
- 1.8 Core inside diameter : at un winder 76mm



# Standard Roto Gravure

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- 1.9 Maximum operating speed : 400 m/minute  
at re winder 76mm

## ( 2 )

**Note:** The actual production speed will depend on all operating conditions such as;

- Material thickness & quality
- Slit width
- Quality of cores
- Operator skillfulness

- 1.10 Type of un winder : Simplex.  
1.11 Unwind tension control : Automatic Tension Control.  
1.12 Unwind side displacement : Manual.  
1.13 Draw roll drive : Independent motor.  
1.14 Type of re winder : Duplex Drum Winder.  
1.15 Rewind shaft : Lift out type.  
1.16 Trimming : AC Blower.  
1.17 Machine handling (web direction): Left to Right.  
1.18 Machine color : Duco Regent White & P.O. Red.

### UTILITIES

- 1.19 Total power load : 25 HP

## 2.0 SCOPE OF SUPPLY

One 60" Capacity Slitting & Rewinding machine.

Our Model SRG Drum Type consisting of:

- 2.1 One unwind unit  
2.2 One draw roll unit  
2.3 One slitting unit  
2.4 Complete accessories for 10 Slit arms  
2.5 On line trimming system  
2.6 One Drive Control Panel.  
2.7 One motor for the main drive  
2.8 One motor for the blower  
2.9 Duplex rewind units  
2.10 One set of standard tool kit

## 3.0 OPTIONAL FEATURES

- 3.1 Additional razor blade holders, rotary cutters, core holders and assorted spacers for more slit reels At Actual



# Standard Roto Gravure

Mfgs:-of Multi Colour Roto Gravure , Coating –Lamination, slitting Machine, B.O.P.P. Film Folding /Knurling Machine , Gusseting Machine , Tube opening/ D Folding machine ,Doctoring /Inspection machine ,Charka / Ream machine, Core cutting machine

( 3 )

## 4.0 MACHINE DESCRIPTION

### 4.1 UNWINDER

- 4.1.1 One roll simplex reel stand
- 4.1.2 Max reel outer diameter 1000 mm
- 4.1.3 Max reel weight 2000 Kgs.
- 4.1.4 One mechanical shaft
- 4.1.5 Shaft mounting on bearings
- 4.1.6 Unwind tension controlled manually by a friction brake assembling.
- 4.1.7 Unwind side displacement controlled manually from the operator side.

### 4.2 DRAW ROLL UNIT

- 4.2.1 One Rubber roller arranged for maximum wrapping.
- 4.2.2 One idler roller, radically adjustable to set & correct the material entrance into the machine.
- 4.2.3 Independent drive.

### 4.3. SLITTING UNIT

- 4.3.1 Minimum slit width : 150mm
- 4.3.2 Type of slitting : Razor in groove
- 4.3.3 One cutter shaft assembly pivoted manually.
- 4.3.4 Grooved roller or full width capacity.
- 4.3.5 Razor blade holders & asserted width spacers for 10 slits.
- 4.3.6 Easy re-tooling of the slitting unit for different web width & different slitting modes.
- 4.3.7 The drive is common with the draw roll unit.

### 4.4 TRIMMING UNIT

- 4.4.1 One AC blower having control on the operator controlled unit
- 4.4.2 Full width trim pipe having two trim suction nozzles.
- 4.4.3 Maximum trim width : 10mm

### 4.5 REWINDER

- 4.5.1 Type of rewind : Duplex Drum with Shaft
- 4.5.2 Max rewind reel diameter : 500mm
- 4.5.3 Rewind shafts are provided with core holders and assorted width spaces for 5 slit reels
- 4.5.4 Rewind tension is controlled by individual friction spacer assemblies provided for each shaft.





# Standard Roto Gravure

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( 4 )

## 4.6 SIDE FRAME ASSEMBLY

4.6.1 The side frame construction is 60 mm thick, 900mm width, 1165mm height MS plates, precisely machined and supported by sufficient tie bars to ensure perfect alignment and vibration free performance.

## 4.7. ELECTRICALS & ELECTRONICS

4.7.1 One single drive control panel.

4.7.2 The following motors are provided with the machine:

- For Draw Roll unit : 15 HP 1 No.
- For Re-wind Motor : 3 HP 2 Nos.
- For Trim Blower : 2 HP 1 No.
- For Web Guider : 2 HP 1 No.

4.7.3 Total power load : 25 HP

**Price** : **80,24,000 /- (Including GST)**

**Payment Terms** : 1<sup>st</sup> Advance 50%, 2<sup>nd</sup> Advance after 20 Days  
25%, Balance after trail before delivery.

**Delivery Period** : Up to 40 days from the order Confirmation,  
finalization of all technical specification and  
advance payment (whichever is last).

**Delivery Place** : Ex-works SRG, Mumbai.

**Inspection** : The machine may be inspected by you / your  
representative or Engineer at our site at the time  
of Trail / Delivery.

**Causes** : The causes beyond control which might  
determine eventual delay in the delivery of the  
supply are no to be imputable SRG said causes  
are War, Revolution. Fire, Natural calamities.

**Penalty** : No penalty claim will be effective.

**Erection and commissioning** : Our service Engineer will supervise Erection  
and Commissioning Installation and  
commissioning of the machine. You will have to  
provide all necessary tools and unskilled labor  
for - Erection and Commissioning. You must  
ensure that all accessories and power  
connections are ready before you call our  
Service Engineer.

**Guarantee** : 12 months from the delivery of the machine during  
the guarantee period.



# Standard Roto Gravure

Mfgs:-of Multi Colour Roto Gravure , Coating –Lamination, slitting Machine, B.O.P.P. Film Folding /Knurling Machine , Gusseting Machine , Tube opening/ D Folding machine ,Doctoring /Inspection machine ,Charka / Ream machine, Core cutting machine

( 5 )

## Material Used:

Motor	:	SIMENS
Steel	:	INDUSTRIAL GRADE
Control Panel	:	SRG POWER CONTROL SYSTEM
Paint	:	DUCO REGENT WHITE AND P O RED
Bearing	:	S.K.F. / NTN JAPAN
Free Rolls	:	ALUMINIUM (Dynamically Balanced)
Draw Roll	:	318mm DIA MS Roll Dynamically Balanced with 50 Micron Hard Chrome Plating = 2 Nos.
Rubber Roll	:	6" DIA (Dynamically Balanced) = 2 Nos.

Thanking You,

Yours Faithfully,

For STANDARD ROTO GRAVURE



P S RAJ  
(Proprietor)



# Standard Roto Gravure

Mfgs:-of Multi Colour Roto Gravure . Coating –Lamination, slitting Machine, B.O.P.P. Film Folding /Knurling Machine , Gusseting Machine , Tube opening/ D Folding machine ,Doctoring /Inspection machine ,Charka / Ream machine, Core cutting machine

## BANK DETAILS

ACCOUNT NAME : STANDARD ROTO GRAVURE  
ACCOUNT NO. : 139405500660  
IFSC CODE : ICIC0001394  
BANK NAME : ICICI BANK  
BRANCH : VASAI EAST.  
ADDRESS : GOKHIVARE, VASAI ROAD, EVERSHINE CITY, VASAI (E) – 401208.