



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 /1000 MM / 9 CO RG / 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

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,


P. S. RAJ
(Proprietor)



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ROTOGRAVURE PRINTING MACHINE MODEL : SRG 1000 MM. RG STD

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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 .



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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 & 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



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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)



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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 FOLLOWING 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 .



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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) .



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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



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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.



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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** : 1st 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.



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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.



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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)



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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)