



Standard Roto Gravure

Mfgs:-of Multi ColourRotoGravure, Coating –Lamination, slitting Machine, B.O.P.P. Film Folding /Knurling Machine , Gussetting 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

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	: 13,32000/-
	Total Amount (Eighty Seven Lac Thirty Two Thousnd Only)	: 87,32,000/-

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.
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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.

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 .

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



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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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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.