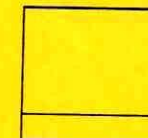


Request Date : 06-JAN-2020  
Page : 1/1



: LG Electronics India (PVT.) Ltd  
: 27334881

## AP Voucher

Reference No : 18-DEC-2019  
: 20191118-6\_PART  
: EAIL-FINEPS\_IMPORT-22009-191218-58580  
: ANSARI, SHEHZEEN /IL200236 /82051

DR1	15310101 Tools & Machinery In Tran 22009 / REF - Prod. Engg	USD SHIPMENT_AFTER_PAY EAIL_DAEEN PACKING MACHINE_KR051009	3,708,485.82 71.7378049	51,695.00	20-JAN-2020
** DR Total**			3,708,485.82	51,695.00	
CR1	21110103 Other Payable_Fixed Asset 22009 / REF - Prod. Engg	USD 12933736198 EAIL_DAEEN PACKING MACHINE_KR051009	3,708,485.82 71.7378049	51,695.00	20-JAN-2020
** CR Total**			3,708,485.82	51,695.00	

\*\*\*\*\* End of Reports \*\*\*\*\*





Home Logout Preferences Help Diagnostics

Approval Budget Execution Bidding Order Order Mgt Import PO Receipt Verification Affiliate Transfer Setup

Import PO List Import PO Entry

View Import PO

Back

## Supplier Information

Order Submission No ILOCNZ1912163591  
 Order Submission Title PURCHASE OF MULTI PP BANDING MACHINE-1 FOR REF-2 LINE  
 Agent DAEUN PCKING MACHINE  
 Agent Code KR051009  
 Supplier EAIL\_DAEUN PCKING MACHINE\_KR051009  
 Supplier Code KR051009  
 Country Korea, Republic of

Accounting Unit CNZ  
 Department REF - Prod. Engg  
 Price Term FOB  
 Payment Term Open Account 60 Days From Invoice Date  
 Payment Currency USD  
 Bank Info EAIL\_SUPPLIER  
 Account No 0000

## PO Information

Import PO No GCNZ1919762  
 Fund Type EQUITY\_CAPITAL  
 Penalty Flag N (1/1000 per Day )  
 Origin Certification Flag N  
 Direct Transportation Flag N  
 Usage DOMESTIC  
 Update Date 04-Jan-2020  
 \* Open Request Date 17-Dec-2019  
 Order Person Kumar, Lalit

Status CONFIRMED  
 \* Ship to (AO2(LGEIL)) IL\_Refrigerator Division(Noida)  
 \* Bill to (AO2(LGEIL)) IL\_Refrigerator Division(Noida)  
 \* Payment Condition T/T in Advance Flag N  
 Advance payment %  
 After Shipment 100.00 %  
 After Verification %  
 P-Bond %  
 Total Amount 51,695.00  
 L/C No IEAILCN1919762Z

## PO Content

Header

ok

Content

ok

## PO SEQ Information

SEQ	Part No	Description	Spec	Unit Price	Unit of Measure	Customer Request Date	Order Qty	Amount	HS Code	Customs Duty Reduction	Project Code
1	GONZ191976201	PURCHASE OF MULTI PP BANDING MACHINE-1 FOR REF-2 LINE		51,695.00	EA	17-Dec-2019	1	51,695.00	84224000	N	CNZ19ME000029

Approval Budget Execution Bidding Order Order Mgt Import PO Receipt Verification Affiliate Transfer Setup Home Logout Preferences Help Diagnostics

About this Page

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6-11/10  
10





LG ELECTRONICS (I) PVT. LTD. G. NOIDA



Vehicle Entry No. 6086488  
Invoice No. 21636  
Gate Entry No. 20/12/19  
Form-38 No. 59:20  
Date 20/12/19 Time 09:20  
Sign [Signature]

HRSSV/880  
170

19/12/19 1938

[Signature]

16/12/2019



E-Way Bill System

## e - Way Bill System



## e-Way Bill



E-Way Bill No: 4710 9992 3200  
 E-Way Bill Date: 16/12/2019 10:05 PM  
 Generated By: 09AAA CL174 5Q1Z2 - LG ELECTRONICS INDIA PRIVATE LIMITED  
 Valid From: 16/12/2019 10:05 PM [1350Kms]  
 Valid Until: 30/12/2019

## Part - A

GSTIN of Supplier: URP ,DAE EUN PACKING MACHINERY CO., LTD  
 Place of Dispatch: BUSAN,Other Territory-999999  
 GSTIN of Recipient: 09AAA CL174 5Q1Z2 ,LG ELECTRONICS INDIA PRIVATE LIMITED  
 Place of Delivery: Gautam Buddha Nagar,UTTAR PRADESH-201306  
 Document No.: 6086488  
 Document Date: 16/12/2019  
 Transaction Type: Regular  
 Value of Goods: ₹ 4437858.28  
 HSN Code: 8422 - R2 LINE MULTI PP BAND MACHINE-1(PACKING/WRAPPING)  
 Reason for Transportation: Inward - Import  
 Transporter: 07ABKPS0180L1ZB & KAMAL ROADLINES

## Part - B

Mode	Vehicle / Trans Doc No & Dt.	From	Entered Date	Entered By	CEWB No. (If any)	Multi Veh.Info (If any)
Road	HR55V1880	PIPAVAV	16/12/2019 10:05 PM	07ABKPS0180L1ZB	-	-



471099923200





GSTIN  
PAN: APDS0111

Tag Number : .....

Subject to Delhi Jurisdiction



**KAMAL ROADLINES**

**FLEET OWNER & TRANSPORT CONTRACTORS CONTRACTOR**

Office Address : C-15 GF01, Rampuri, Ghaziabad, Uttar Pradesh-201011

Contact Details

Mundra Port Number 39, Shakti Plaza Zero Point, Adani Road, Gujarat. (+91-9376082320 & +91-8758110088)  
Pipavav Port Gate No. 1, Bansidhar Hotel, Rajula City Dist. Amrali, Gujarat. (+91-9099060384)  
Greater Noida F-537, Delta First, Uttar Pradesh. (+91-9911861615)  
Dadri F-26, Inland Container Depot, Uttar Pradesh. (+91-9311061615 & +91-7726834911)  
Patli Babra Bakipur Village, Gurgaon Pataudi Road, Haryana. (+91-8930898057)

BRANCH : **PIPAVAV**

**LORRY  
RECEIPT**

**R Number  
4253**

**D. 16/12/2013**

**CAUTION**

Tightment will not be detained  
derouted or rebuked without  
of Banks's Written Permission. It  
wivered at the Destination.

**NOTICE**

Owners risk, party is  
re for illegal goods,  
damage & challans.

**WNER'S RISK**

Consignor's Name,  
Address & GSTIN

**M/s LG ELECTRONICS India Pvt Ltd PIPAVAV**

Consignee's Name,  
Address & GSTIN

**M/s LG ELECTRONICS India Pvt Ltd NOIDA**

Account

LORRY Number

**HR55V-1880**

FROM

**PIPAVAV**

TO

**Dadri**

CONTAINER /  
DISCRIPTION

**MRKV-3434956**

TYPE /  
QUANTITY

**1 X 40**

WEIGHT  
(in KGs)

**8200 Kg**

SEAL Number

**KR4688419**

SHIPPING LINE

**MSK**

INVOICE Va

**NOTE**

This consignment covered by this set of special lorry receipt from shall stored be at the destination under the control of transport operator and shall be delivered to the order of the consignee bank whose name is mentioned in the lorry receipt. It will under no circumstance be delivered to any one without the written authority from the consignee bank or its order endorsed on the consignee copy or on the

**INSURANCE**

The customer has stated that he has not insured the consignment, OR He has insured the consignment,

Company \_\_\_\_\_  
Policy No. \_\_\_\_\_  
Amount \_\_\_\_\_, Date \_\_\_\_\_

INVOICE No.

**FREIGHT**

Gross Weight

Rate

Total

**FREIGHT TO BE BILLED AT DELHI**

**GST WILL BE PAID BY  
CONSIGNER/ CONSIGNEE**

**DETAILS**

Driver's Name:

Mobile No.:

Cleaner Name:

Reference No.:

SIGNATURE

*[Signature]*  
\*Terms & Condition Overleaf\*

**VP**

Registered Office: D-73 First Floor, Vivek Vihar, Delhi-110095

Branch Office: C-15 GF01, Rampuri Ghaziabad, U.P. - 201011

Contact: 01204132854, 09711061615

Email: team@kamalroadlines.com www.kamalroadlines.com



## Terms and Conditions of Carriage Owner's Risk

1. The carrier reserve right to exercise General lien on any Consignment (s) lying in their custody for the recovery of outstanding freight and other charges due by the Consignor or the Consignment (s) already delivered earlier.
2. The carrier shall not be responsible if the goods are detained seized or confiscated by govt. authorities.
3. The consignor shall be primarily liable to pay transport charges and all other incidental charges.
4. Unless otherwise agreed the carrier does not guarantee delivery within any specified time and the carrier shall be liable for any delay in transport or delivery due to any negligence or default of the carrier or its agents or servants. Also, Kamal Roadlines would not bear any charges on Penalty for late delivery of the consignment.
5. It is within the discretion of the carrier to take any route for transportation of the goods.
6. The consignor / consignee should follow the norm packing standards as prescribed in the Indian railways Act and various shipping Acts and regulations. The carrier shall not be liable in any way for the damage to insufficient and improper packing.
7. This consignment is subject to the condition that we as carriers or our agents are not responsible for damage, leakage, pilferages, damage or loss of goods transported due to accident, vehicle or any other reason whatsoever, the carriers also shall not be responsible for damage due to the act of goods unexpected or unavoidable emergencies, riot, enemies, commotion including riots, robbery or theft, heat, fire, rain, storm or snow, weather, from evaporation or default of staff, drivers, laborers, warmers or agents, carriers. Consignor and consignee should therefore insure their goods suitably for and if they fail to insure the goods they will do so on their own risk.
8. The matter of insurance of the Consignment is entirely between consignor and consignee of the consignor and Roadlines is no way concerned. The insurance policy shall include a waiver of subrogation as to any insurer's action against carrier.
9. In any matter (as to Goods and Services Tax (GST)) the responsibility rests solely with the consignee and the carrier shall not in any way be liable, accountable or penalized for the same.
10. Loaded/Empty containers must be taken inside dock/container yard immediately on arrival.
11. The carrier shall have the right to re-weight, re-measure and re-classify the subject consignment and calculate the freight and other charges payable at the destination before delivery to the consignee to the consignee to any other party legally entitled to receive thereof. If any difference is found in actual weight as declared by the Consignor or of hiring the vehicle, the consignor/consignee shall be liable to pay 50% extra on agreed freight.
12. No suit shall be brought against the carrier in respect of any consignment without claim notice made within 30 days of arrival at destination by the party concerned.
13. The courts in India shall have jurisdiction in respect of all claims and matters arising under the contract of the entrusted for transport.
14. Containers are transported on vehicles at the risk and cost of parties. The carrier or the carrier is neither responsible for the condition of the goods nor their damage, as long as the goods are intact when goods are delivered.
15. Where a Bank is asked to accept this Lorry Receipt as a consignee/endorsee or holder thereof or in its capacity for the purpose of giving advances to and/or collection or discounting bills of its customers whether before or after, the entrustment of the goods to the Operator for carriage, the Transport Operators hereby agree in consideration to hold themselves liable and shall be deemed to have held themselves liable at all material times directly to the Bank concerned, as if the Bank were a party to the contract herein contained with the right of recourse against the Transport Operator to the extent of the full value of the goods handed over to the Transport Operator for carriage, storage and delivery.
16. The Transport Operator undertakes to and shall deliver the goods in the like order and condition as received subject to any deterioration in the condition of goods resulting from natural causes like effect of temperature, weather conditions, etc. to the Consignee Bank or to his order or his assigns on the relative receipt being surrendered to the Transport Operator duly discharged by the Bank which had accepted it for lending to and collection of or discounting the bills of its customers or for collection or to its agents for collections or duly delivery of the goods and only the Bank and the holder of the Receipt entitled to delivery as aforesaid shall have a right of recourse against the transport for all claims arising thereon.
17. The Transport Operator shall have the right to entrust the goods to any other lorry or service for transport in the event of the goods being so entrusted by the Transport Operator to another carrier, the other carrier shall as between the consignor, the Consignee Bank and the Transport Operator be deemed to be the Transport Operator's agent so that the Transport Operator shall, notwithstanding the delivery of the goods to the other carrier, continue to be responsible for the safety of the goods and for their due delivery at the destination.
18. The consignor shall be primarily liable to pay the transport charges and all other incidental charges if any at the Head Office of the Transport Operator in Delhi or at any other agreed place.
19. The Transport operator shall have the right to dispose of perishables lying undelivered after 48 hours of arrival without any notice.
20. The Transport Operator shall have the right to dispose of other goods after 30 days of arrival after due notice in writing to the consignor, the Consignee Bank and the holder interested (including the Banker under clause 1 above).
21. In either case the Bank or claimant with Bank's authority shall be entitled to the proceeds, less freight, and demurrage, and the Transport Operator shall render full accounts to him immediately after sale.
22. Consignee Bank accepting Lorry Receipt under clause above will not be liable for payment of any charges arising out of any lien of the Transport Operator against the consignor or the buyer. Where it becomes necessary for any bank to obtain delivery of the consignment from the Transport Operator in terms of the Scheme, (because the buyer does not retire the documents or because of any other reason), the Transport Operator shall deliver the goods unconditionally to the Bank on payment of the normal freight and storage charges only in connection with the consignment in question, without claiming any lien on the goods in respect of any monies due by the consignor or the consignee to the Transport Operator or any other account whatsoever.
23. Notwithstanding any statements made in this Lorry Receipt of any circumstance surrounding the issue of this Lorry Receipt, the Transport Operator shall at all times observe its obligation to the Consignee Bank named in this Lorry Receipt and shall be responsible for safe and due delivery and for any loss or damage to the goods or consignment that arises as a result of negligence, default, failure to take reasonable precautions (malafides) or fraudulent actions of the Transport Operator or any of its Managers, Agents, Employees, partners, or Director or business associates or branches etc.
24. The consignor is responsible for all consequences of any incorrect or false declaration.
25. These conditions are subject to change without notice.



# COMMERCIAL INVOICE

DATE : 18.Nov.2019 -

INVOICE NO :20191118-6 -

THE SELLER : DAE EUN PACKING MACHINERY CO., LTD.

TEL:82-51-973-2157

FAX:82-51-973-2158

THE BUYER : LG ELECTRONICS Plot No 51, Udyog Vihar, Surajpur-Kasna Road, Greater Noida

PHONE : (91)9899302436

TEL :

E-mail :ritesh.srivastava@lge.com

FROM : BUSAN, KOREA

TO : India Noida

ORDER NO :

MARKS	DESCRIPTION	Q.TY	UNIT PRICE	AMOUNT
TO : LG ELECTRONICS Plot No 51, Udyog Vihar, Surajpur-Kasna Road, Greater Noida  FROM: DAE EUN PACKING MACHINERY CO. BUSAN KOREA TEL: (82) 51-973-2157	R2 Line Multi PP Band Machine-1	1	USD. 51,695.00	USD. 51,695.00
TOTAL:		1		USD. 51,695.00

DAE EUN PACKING MACHINE CO., LTD.

BAEG SOO, BAE

PRESIDENT

# PACKING LIST

DATE : 18.Nov.2019

INVOICE NO :20191118-6

THE SELLER : DAE EUN PACKING MACHINERY CO., LTD.

TEL:82-51-301-4966

THE BUYER : LG ELECTRONICS Plot No 51, Udyog Vihar, Surajpur-Kasna  
Road, Greater Noida

PHONE : (91)9899302436

TEL :

E-mail :ritesh.srivastava@lge.com

FROM : BUSAN, KOREA

TO : India Noida

ORDER NO :

MARKS	DESCRIPTION	Q.TY	NET-WEIGHT	GROSS-WEIGHT
TO : LG ELECTRONICS Plot No 51, Udyog Vihar, Surajpur-Kasna Road, Greater Noida  FROM:DAEEUN PACKING MACHINERY CO. BUSAN KOREA TEL:(82)51-973-2157	R2 Line Multi PP Band Machine-1	1	1700 Kgs	2100 Kgs
TOTAL:		1	1700 Kgs	2100 Kgs

DAE EUN PACKING MACHINE CO., LTD.

BAEG SOO, BAE  
PRESIDEN

<b>LG Electronics India Pvt. Ltd.</b> P.O. No. LG-India-2019-001 LG Electronics India Pvt. Ltd. Plot No. 11, Udyog Vihar, Gurgaon, Haryana 122002, India Tel: +91 122 4143000, Fax: +91 122 4143001 Email: lg.india@lge.com		<b>PURCHASE ORDER</b> PO Number: LG/IN/PUR/2019/001 Date of Issuance: 20-08-19	
<b>Supplier Information</b> Supplier Name: LG Electronics India Pvt. Ltd. Supplier Address: Plot No. 11, Udyog Vihar, Gurgaon, Haryana 122002, India Supplier Contact: Tel: +91 122 4143000, Fax: +91 122 4143001, Email: lg.india@lge.com		<b>Product Information</b> Product Name: LG Electronics India Pvt. Ltd. Product Code: LG-India-2019-001 Product Description: LG Electronics India Pvt. Ltd.	
<b>Payment Terms</b> Payment Terms: 100% Within 30 Days from Delivery Date FOB Date: 20-12-19 Delivery Terms: FOB		<b>Financial Summary</b> Total Value: \$1,685.00 Currency: USD Total: \$1,685.00	
<b>Accepted by Supplier</b> Signature: [Signature] Name: [Name] Designation: [Designation]		<b>Accepted by Supplier</b> Signature: [Signature] Name: [Name] Designation: [Designation]	





## ATTACHED RIDER

VESSEL : MAERSK SALALAH

946W

BL : PLIHQ5A35529

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-----  
PARTNER  
-----

PANTOS LOGISTICS INDIA PVT.LIMITED  
4TH FLOOR, TOWER C, LOGIX TECHNO  
PARK,PLOT NO. 5, SECTOR 127,  
NOIDA UTTAR PRADESH 201301  
PH. NO. : 0120-6244917  
FAX NO. : 0120-6244905  
GSTIN NO: 09AAACF8539L1Z4  
Email\* Sameer.kochar@pantos.com  
Email:- inseadel@pantos.com

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END OF RIDER  
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**pantos**  
LOGISTICS

PANTOS LOGISTICS CO., LTD. (PLIHQ)

PLIHQ5A35529

\* The date(Create Date Approved Date Check Date) is based on Korean standard time(GMT+9)

Created Date 2019-09-26 15:47 (Korea Time)

Requested by RITESH SRIVASTAVA ( LGEIL REF - Prod. Engg / sr.engineer II , )

Subject APPROVAL FOR MULTI PP BANDING MACHINE-1 FOR REF-2 LINE

Retention 5 Year

Security Grade Browse;Download

EDMS Attributes

Tag UNUSE

Access \*LG Electronics;\*LGEIL REF - Prod. Engg

Permission Browse;Download



Rs. Lacs

Head		Details
Category		Investment
Approval No.		LGEIL/PE/REF/INV/1909/0143
Budget Amount	Year Total -2019 (A)	4381
	YTD-2019 (B)	4381
Progress Status (YTD-Utilization prior to this Approval)	Amt (C)	2027
	% (C) / (B)	46%
Execution Status (Current Approval Amount)	Amt (D)	36.2
	% (D) / (B)	1%
Total Utilization	Amt (E) = (C)+(D)	2063
	% (E) / (B)	47%
Balance	Year Total-2019 (A) - (E)	2318
	YTD-Year (B) - (E)	2318

## Investment Approval

Div/Deptt	Activity	Category	Amt	Investment Objective
REF/PE	Multi PP banding machine -1 For REF 2 line	Machinery	51.7 K\$ (taxes Extra)	Quality/ Productivity/ Safety/ Capacity/ New Model/ Part cost CI/ Other











  

<b>Purpose/ Detail</b> <ul style="list-style-type: none"> <li>Multi PP banding machine for R2 Line</li> <li>Tact time improvement and space for further automation</li> <li>Easy machine operation and control due to HMI based control</li> </ul>	<b>Cost Structure/Comparison</b>	<b>Benefit</b> <ul style="list-style-type: none"> <li>Existing tact time ( 8+8 sec ) for 2 strap</li> <li>With new machine 2 strap same time ( T/T= 8Sec)</li> </ul>	<b>Threat If Any</b>
<b>Pictorial Illustration</b> <div style="display: flex; justify-content: space-around;"> <div> <b>As-Is IL</b>   <p>Single strap PP Banding</p> </div> <div> <b>Proposed Model</b>   <p>Double strap PP Banding</p> </div> </div>		<b>Additional Space</b> Approx. 1100 mm will be created R2 4800mm → 3750 mm	
<b>Last Purchased Detail</b> 2009, <b>Supplier</b> <b>Budget Status</b> CNZ19ME000033 <b>Shipment</b> Shipping made by Sea		<b>Time Schedule</b> Approval GPFO Issue: 26/09 → 13/09 → 30/10 → 05/12 → 25/12 FOB Transit Install <b>ROI</b> NA	
		<b>Installation Location</b> REF 2 Packing	

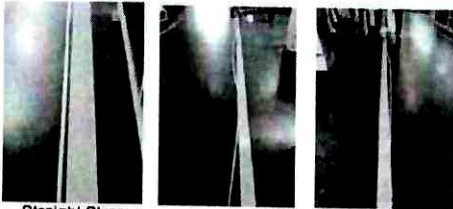
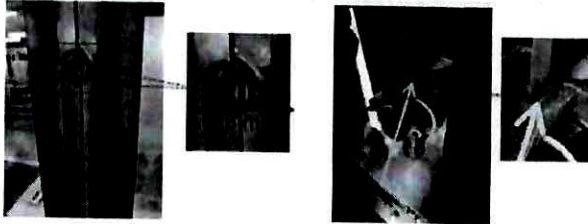



SNo	Item	DAE Eun Packing		DAE Eun Embi	
		Cost (Quoted ) US \$	Cost (Nego ) US \$	Cost (Quoted ) US \$	Cost (Nego ) US \$
1	Banding part	58014	51695	52250	52250
2	Moving Part				
3	Conveyor Part				
4	Guide Part				
5	Control part				
6	Packing				
7	Spares				
8	Profit				
	<b>TOTAL</b>		<b>51695</b>		<b>52250</b>

## PP Banding Comparison

Criteria	"As Is Machine"	"To Be Machine"
No of strap per machine	Single Strap in 1 cycle 	Double strap in 1 cycle 
Strap position accuracy	Low accuracy due to sensor based control 	High accuracy due to servo based control 
Strap straightness	High variation in straightness 	Low variation in straightness 
TACT Time	1 DC Ref strapping Time à (8+8=16 Sec)	1 DC Ref strapping time à (8 Sec) 50% Imp
Space	R2 4800 mm Single strap m/c 1500 (Total 3*1500=4500 mm)	R2 3750 mm Double strap m/c 1730 (Total 2*1730=3460 mm)
Machine operation	<b>Machine operation and control</b> <b>Push button Type</b> 	Easy control & operation due to HMI based control 
Machine maintenance	Easy online maintenance due to machine open both Side 	Difficult online repairing due to machine one side open 

## Strap Issue

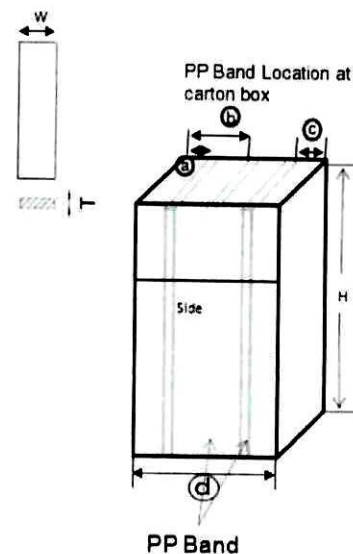
No.	Issue	Detail	Pic
1	Strap camber	<p>Camber is creating strap stuck Problem</p> <p>It should be straight</p>	 <p>Straight Strap No camber</p> <p>Camber issue</p>
2	Strap width	<p>Width Specification (W): 18 +0/-1 mm</p> <p>Actual width is coming up to 18.5 mm sometimes</p>	
3	Dust forming	<p>Strap dust forming is very high and daily and daily chute cleaning is required.</p> <p>V PP Bending 3 times cleaning in shift (Morning, Lunch, evening)</p> <p>H PP Bending machine 5 times in shift</p>	

## Ref PP Banding Specification

Line	No	Model	a	b	c	d	H	PP Band nos.
R2	1	Aura Base stand	150		150	669	1400	2
	2	Onon Base stand	150		150	669	1400	
	3	RP CK/RP Aura	150		150	669	1250	
	4	Onon	150		150	669	1250	

**PP Band Specification**  
 Material: Polypropylene  
 Breaking Load: Minimum 220 kgf  
 Tensile Strength: Minimum 20 kg/sq mm  
 Width (W): 18 +0/-1 mm  
 Thickness (T): 0.77 ± 0.04 mm

Note:- Input and out put conveyor height 550 ± 50 mm





## Machine Specification

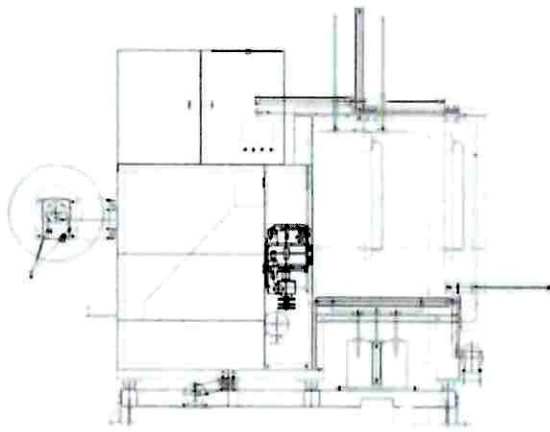
Sr. no	Items description	For R2 Line
	<b>Multi PP banding Machine</b>	02 nos
1	Machine Tact time	8 sec
2	Centering pusher set	02
3	PP Band Adjustable guide set	02
4	Pressing plat at every strap	02
5	Strap feeding Reel Set	04
6	Strap select control panel	yes
7	Separate operating panel for each strap	yes
8	Input and out put conveyor height	550±50mm
9	Input and out put conveyor width	1100 mm
10	Product stopper	yes
11	Input and out put Conveyor roller length	900mm
	<b>Product detail</b>	
A	Product Min. height	1250mm
B	Product max. height	1450mm
C	Product width	670~700mm
	Arch Size	
D	PP Band	2
E	PP Band Width	18 +0/-1 mm
F	PP Band Thickness	0.77 ±0.03 mm
	<b>Final strap inspection point</b>	
A	Strap joint overlap out	Strap width±1.0 mm
B	Strap vertical traightness/ tilting	±2.5 mm
C	Suitable for strap selection	2, 1 or 2

Machine picture

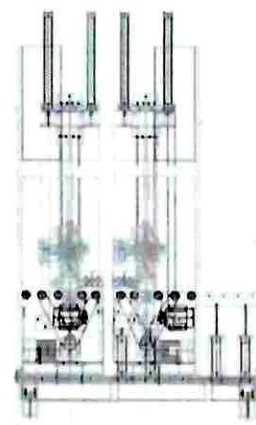


Part spec for machine		
Sr. no	Items description	Make
a	Gear motor	SEW/ Mitsubishi
b	Air cylinder, Regulator	SMC
c	Chain and chain sprocket	T subaki
d	Ball screw, Ball nut, LM guide and block	THK
e	PP Banding Reel Circular PC 10T*600MM	Machine maker
f	Electrical timer, contactors	Autonics
g	Touch screen	Profaca
h	PLC- Power, base, CPU, input out put card	Mitsubishi
i	Proximity / Photo sensor	Autonics/ Omron
j	Electrical Cable	LAP
k	Servomotor, Servo amp	Mitsubishi
l	Machine colour- RAL-9003	

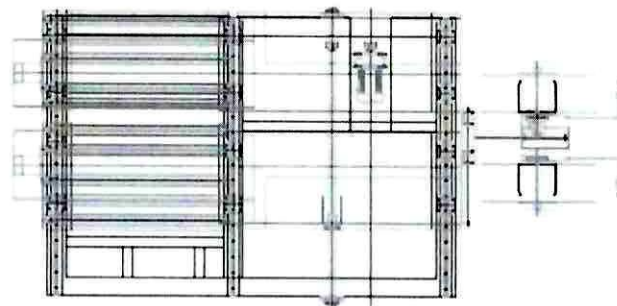
## Machine Drawing/Concepts



Machine Side View



Machine Front View



Machine Top View

## PP Bend Extra Consumption Qty

Part	Machine	Price per Roll	JAN		Feb		Mar		Apr		May		Jun		Total		%
			BOM	Extra	BOM	Extra	BOM	Extra	BOM	Extra	BOM	Extra	BOM	Extra	BOM	Extra	
4770JH3003B	HPP Bending	1277.8	223	16	252	6	253	5	262	8	365	4	202	4	1557	43	2.8%
4770JH3003C	VPP Bending	1478.4	1742	27	1891	45	1930	66	2061	29	2317	6	1594	17	11535	190	1.6%
Total			1965	43	2143	51	2183	71	2323	37	2682	10	1796	21	13092	233	1.8%

Line	8 Hr working				10 Hr working			
	UPH	Production Qty	No of Strapping	NG Cycle(1.6%)	UPH	Production Qty	No of Strapping	NG Qty (1.6%)
R2	330	2640	5280	84	330	3300	6600	106
Total				154				192

Approval Line    \${APPROVE\_NO}  
                           \${APPROVE\_NO}  
                           \${APPROVE\_NO}

\${APPROVE\_NO}  
 \${APPROVE\_NO}  
 \${APPROVE\_NO}  
 \${APPROVE\_NO}

NO	Approval Type	Status	Approved Date	Approved by / Comment
Approval	Approved	2019-09-26 16:18	KANAKKEEL PRAKASH ( LGEIL REF & C&C - Prod. Engg / Part Leader )	Comment OK. R2 Line multi pp bending machine. 2 strap same time
Approval	Approved	2019-09-27 13:19	VISHAL BANSAL ( LGEIL Prod. Engg. / Team Leader )	Comment ok. Machine number 1 for auto PP banding on R2 line to replace life over machine with better quality upgraded machine and to reduce space for future automation. ( machines Nos. 3 to 2 )
Approval	Approved	2019-09-27 20:16	Jingyue Park ( LGEIL FSE Production / Professional )	Comment ok. checked. 기 투자 심의 완료 건입니다..
Approval	Approved	2019-09-27 20:26	DINESH LUNAWAT ( LGEIL Planning & Strategy / Team Leader )	Comment Agree. REF PE Investment Budget. Multi PP Banding Machine-1 for REF 2 Line. Total Cost 51.7 K\$.
Approval	Approved	2019-09-27 22:30	CHANDRA KANDI ( LGEIL Factory Head - Noida / Department Leader )	Comment ok, This Investment is agreed. This Investment is for Purchasing the New Multi PP Banding machine through this we can get Tact time reduction & ease of operation.
Approval	Approved	2019-09-28 18:10	Jae Youl Jung ( LGEIL Noida Manufacturing CFO / Department Leader )	Comment ok, Checked. 확인합니다. R2라인 PP밴딩머신 투자 집행 품의 입니다. (51.7K\$)
Approval	Approved	2019-09-29 12:31	Tae Wan Kim ( LGEIL Noida Manufacturing / Vice President/President )	Comment OK

CC Lalit Kumar ( LGEIL WMC - Prod. Engg / LOCAL EMPLOYEE )

EDMS Doc Link [Price sheet.xlsx](#)  
[REF 2 -1.pptx](#)  
[노이다 멀티밴딩기 19-0924-hwp.pdf](#)  
 Attached Local Files [Price sheet.xlsx](#)  
[REF 2 -1.pptx](#)  
[노이다 멀티밴딩기 19-0924-hwp.pdf](#)



Lalit Kumar/LGEL WMC - Prod. Engg(lalit4.kumar@lge.com)

**From:** RAJEEV GARG/LGEL General Buying(rajeev.garg@lge.com)  
**Sent:** Tuesday, September 24, 2019 11:19 AM  
**To:** SATISH KUMAR/LGEL REF - Prod. Engg(satish3.kumar@lge.com); GAURAV RAWAT/LGEL RAC - Prod. Engg(gaurav.rawat@lge.com);  
HEMANT KUMAR/LGEL WMC - Prod. Engg(hernant2.kumar@lge.com)  
**Cc:** ATUL MISHRA/Part Leader/LGEL WM & RAC - Prod. Engg(atul.mishra@lge.com); KANAKKEEL PRAKASH/Part Leader/LGEL REF & C&C - Prod. Engg(kanakkeel.praakash@lge.com); VISHAL BANSAL/Team Leader/LGEL Prod. Engg.(vishal.bansal@lge.com)  
**Subject:** Multi PP Banding Machine

Dear Team

Final Price for Multi PP Banding Machine

Multi PP Banding Machine for REF, WM & AC Line										Dae Eun Packing				Dae Eun Embi			
										PR Price				Nego-1			
														Nego-2			
														Nego-1			
														Nego-2			
PR	Description	Unit	Qty	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount
IL-PR190900187	R1 Line Multi PP Band Machine-1	Ea	1	58,014	58,014	52,554	52,554	51,695	51,695	52,250	52,250	52,250	52,250	52,250	52,250	52,250	52,250
IL-PR190900188	R1 Line Multi PP Band Machine-2	Ea	1	58,014	58,014	52,554	52,554	51,695	51,695	52,250	52,250	52,250	52,250	52,250	52,250	52,250	52,250
IL-PR190900189	R2 Line Multi PP Band Machine-1	Ea	1	58,014	58,014	52,554	52,554	51,695	51,695	52,250	52,250	52,250	52,250	52,250	52,250	52,250	52,250
IL-PR190900190	R2 Line Multi PP Band Machine-2	Ea	1	58,014	58,014	52,554	52,554	51,695	51,695	52,250	52,250	52,250	52,250	52,250	52,250	52,250	52,250
	WM Multi PP Banding Machine	Ea	1	47,450	47,450	47,114	47,114	47,055	47,055	52,250	52,250	52,250	52,250	52,250	52,250	52,250	52,250
IL-PR190900155	A1 Line Double PP Banding Machine-1	Ea	1	47,450	47,450	47,114	47,114	47,055	47,055	52,250	52,250	52,250	52,250	52,250	52,250	52,250	52,250
IL-PR190900156	A1 Line Double PP Banding Machine-2	Ea	1	47,450	47,450	47,114	47,114	47,055	47,055	52,250	52,250	52,250	52,250	52,250	52,250	52,250	52,250
IL-PR190900154	A4 Line Double PP Banding Machine-1	Ea	1	47,450	47,450	47,114	47,114	47,055	47,055	52,250	52,250	52,250	52,250	52,250	52,250	52,250	52,250
	Machine Installation / Travel Cost	Set	1	42,797	42,797	42,797	42,797										
	Total FOB Korea Cost (USD)				4,64,653		4,41,470		3,95,000		4,18,000		4,18,000				4,18,000



RE: Multi Banding Machine for ...

Thanks with Regards

**Rajeev Garg**

AGM-General Procurement

Mobile: +91 9811354275

**LG ELECTRONICS INDIA PVT. LTD.**

Plot No. 51, Udyog Vihar, Surajpur-Kasna Road,

Greater Noida-201306, Uttar Pradesh, INDIA

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