

# PALLAVI TECHNO FOODS PVT. LTD.

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Date : 18<sup>th</sup> November, 2021

To,

Shreeagro Krushi Farmers Producer Co Ltd  
308, Wallstreet Z4, Warje, Pune 411058

**Reg :- Commercial offer for supply and installation of Post Harvest handling combi equipment for Pomegranate and other round fruits.**

Kind Attn : Mr Shashank Varekar

Respected Sir,

We in Intercontinental Exim provide post -harvest and storage solutions on customized basis to our clients . We have our in house team of engineers and postharvest technologist who design the equipments suiting to our clients need and our team of service engineers and technicians equipped to render prompt after sale service . We have an association with one of the leading post-harvest equipment manufacturing company of Europe. We organize exhaustive training programmes for the users on proper maintenance, repair, overhauling and operation for various equipment.

Reference to the interaction and your need to have an offer for the post harvest handling equipment for Pomegranate fruits, we are herewith submitting (as an attachment) our offer for the said equipment of capacity 3 TPH on 150/200 gm average weight of fruits, along with terms and conditions for your kind perusal.

We hope, you shall find our offer most competitive and technically responsive. Should you require further information, please feel free to contact/write to us.

Thanking you and assuring you of our best attention always.

For Pallavi Techno Foods Pvt.Ltd.

Authorised signatory



## ROUND FRUIT - POST HARVEST HANDLING EQUIPMENT

3 TPH Capacity

### COMPOSITION OF EQUIPMENT:

1. Dry feeding section with crate feeding mechanism
2. Roller Inspection section with cull belt
3. Washing-waxing section
4. Drying section
5. Conveyer Section
6. Electronic Seizer
7. Electric and control panel
8. Gravity Packaging roller ( optional)

### TECHNICAL SPECIFICATIONS of EACH PART

#### Dry feeding section with crate feeding mechanism :

Fruits from the field are loaded onto the feeding section with help of plastic crate feeding mechanism, resulting in smooth dropping of fruits avoiding and damage or bruising to fruits.

Quantity : ONE Number

#### Roller Inspection section with cull belt:

Here the damaged ,cull, cut and infected fruits are removed through manual sorting by persons . The removed fruits are collected in a bin through cull belts and good fruits move forward to the next section. Platform will be supplied with the machine to facilitate the workers standing on both side of the machine and carry out the inspection operation.

MOC	GI or MS
Contact parts	SS 304
O/A length	3600 mm.
Conveyer width	850 mm. of roller
Roller	PVC 50 MM OD
Powered By	1 Hp, 3 Ph Geared motor
Rejection chutes	2 nos at each side.
Required platforms and stairs with railings	
VFD	Provided

Quantity : ONE Number



**Details of cull belt:**

MOC	GI or MS
Length of belts	2500 mm
Conveyor width	300 mm. of belt
Belt	PVC 2 mm thk.
Powered By	0.5. Hp, 3 Ph Geared motor
VFD	Not provided

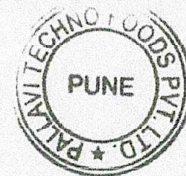
Quantity : ONE

**Washing-waxing section :**

In this section fruits are washed with edible grade cleaner to remove field debris, then it is rinsed , mopped for surface moisture and waxed with edible grade wax .

MOC	GI or MS.
Contact parts	SS 304
O/A length	3000 mm.
Conveyor width	850 mm. of roller
No of bristle roller	11
No of waxing rollers	11
Detergent washing system	provided
Water sprinkling system	Provided with-0.5 hp water pump
Wax dosing pump	Provided with 0.5 hp geared motor
Air compressor	Provided, 1 HP, 1 Ph
Powered By	1 Hp, 3 Ph Geared motor
VFD	Provided for waxing nozzle

Quantity : ONE Unit



**Drying section :**

In this section the waxed fruits are subjected to surface drying.

MOC	GI or MS.
Contact parts	SS 304
O/A length	7200 mm.
Roller	PVC 50 mm OD. of roller
Powered By	2Hp, 3 Ph Geared motor
Electrical heaters	16KW
Blower	2 HP
VFD	Provided
Temperature controller	Supplied with Sensor

Quantity : ONE Unit

**Conveyer section:**

O/A length	2000 mm
Width	600 mm
Motor	0.5Hp, 3 Ph

Quantity : ONE Unit

**Electronic Sizer :**

- Intelligent chain of 7 x1 +1 exits (outlets).
- Electronic system of weight, with high-precision scales
- Electronic equipment cabinet.
- System of lubricating on chains and weight scales
- Electronic speed Variator.

Quantity : ONE Unit

**Electric and Control panel :**

Electric panel of all the components described above to have control of the entire installation.



**Gravity Roller :**

Here empty boxes and filled boxes are supplied to packers at packing tables.

MOC	GI or MS.
O/A length	3500 mm.
Roller width	600 mm
Roller	50 mm od, zinc coated

Quantity : ONE Unit / TWO units as per the need of Client.

**COST SCHEDULE:**

The costing of the equipment will be as under :

Dry feeding section with crate feeding mechanism	}	
Roller Inspection section with cull belt		
Washing-waxing section		
Drying section		Rs 51,50,000
Conveyer Section		
Electronic Seizer		
Electric and control panel		
<b>GRAND TOTAL (Rs) + 18 % GST</b>		



Gravity Packaging roller ( optional ) : Rs 40,000 per unit.COMMISSIONING AND TRIAL :

1. Our machines do not require any grouting or foundation with the floor. If something similar is required, it has to be provided by the customer.
2. All the machines have to be present inside the hall before the commissioning job starts.
3. Cranes or any similar items required during commissioning have to be arranged by the customer.
4. The customer has to provide 3 phase electrical connection with proper earth up to the control panel of the plant (or up to the machine, in case there is no control panel). The control panel will be placed at the middle area of the plant and just near the machines.
5. The underground (trenches) or overhead arrangement for laying out the electrical wires has to be arranged by the customer.
6. The customer has to arrange water connection as well as drainage facility near the machines as required.

### CONDITIONS OF SALE

### EXCLUSIONS

- Anything not specified in this budget.
- Travel expenses, travel, meals and accommodation of our technicians and allowance ( Installation charges)
- Work platforms, gangways and stairways.
- Control Booth.
- Costs associated with insurance and unloading of goods in enclosed, covered and lit.
- Minimum 2 workers needed for the discharge and status of machinery in its proper place under the supervision of our technicians.
- Civil engineering and plumbing, masonry and / or carpentry if any.
- Water connections and drain.
- Rush compressed air (6 bar. Dry) with shut-off valves to the machine in its final place under the supervision of our technicians.
- Facilitating the assembly tasks such as electricity, lighting, services, performance space free, fire-fighting media and forklifts.
- Electrical connection to switchboards. The line should be of the following characteristics:
  - appropriate section to the detailed consumption in the electrical scheme.
  - Magneto-thermal protection in line head, as per the admissible amperage of the line and adjusted for consumption of the electrical scheme.
  - Differential protection, type b (pulsating) in line head, compatible with earthing in the store..
  - Earthing with less than 8 ohms resistance.
  - Neutral system: Neutral to earth.



### DELIVERY

The equipment shall be dispatched within 10-12 weeks after receipt of your technically & commercially clear purchase order at Mumbai.

### INSTALLATION

4 weeks time

### WARRANTY

- The warranty covers 12 months against working defects in mechanical parts, but not in those that occurred with electrical elements.
- The warranty will take effect at the time the payment will be made.
- Excluded from this warranty is damage caused by improper use of machinery.

### OWNERSHIP

The machinery or materials subject to this budget are the property of FRUIT TECHNOLOGIES, Nagpur and not become the property of the client till be paid in full the amount.

### TERMS AND CONDITIONS:

- 1 Prices: Our prices are FOB our unit at Pune
- 2 PAINT: All the metallic parts of the machines shall be painted in synthetic enamel paint as standard supply in the quoted price.
- 3 Transit Insurance shall be charged extra @ 0.5% on the 110% invoice value.
- 4 Octroi (if any) at site shall be paid by the buyer extra.
- 5 State Entry Tax during transportation shall be paid by the purchaser at his own cost.
- 6 Way Bill/State entry permission (if any) shall be arranged by the buyer at his own risk and cost.
- 7 Unloading of equipment at site shall be arranged by the purchaser at his own risk & cost.

POST HARVEST PROCESSING EQUIPMENT for Pomegranate and OTHER ROUND FRUITS



