



**SRI VIJAYA VISAKHA MILK PRODUCERS COMPANY LIMITED**  
(VISAKHA DAIRY) CIN No: U15209AP2006PTC048708  
Akkireddypalem, BHPV (Post), Visakhapatnam-530012, Andhra Pradesh

GST No.: 37AAJCS7398P1Z4  
www.visakhadairy.co.in

We are writing to inquire about the availability and pricing of the following item(s) for our upcoming procurement requirements:

Description of Items	UOM	Req. Qty	Delivery Location
<p>Machine 3-Track Single Head Rotary Cup Filling &amp; Sealing Machine, 3400 CPH, Model NPS-RCF-3T-3500 : CPMEPM1388   Servo-driven rotary cup filling and sealing machine with three tracks, suitable for filling and sealing milk, cultured milk, Lassi, juices, mango pulp, honey, and Flavored milk in heat-sealable cups. Capacity approximately 3,400 cups per hour with PLC-HMI control system, pneumatic operation, automatic fault monitoring, and AISI 304 stainless steel construction. Model: NPS-RCF-3T-3500, Type: Servo Driven Rotary Type , Tracks: 3 , Filling Size: 400 g , Capacity: 3,400 Cups/Hour (Approx.), Cup Diameter: 90-95 mm, Filling System: Pneumatic Time-Based Filling, Sealing System: Temperature Controlled Continuous Sealing, Control System: PLC with 7" HMI, Power Supply: 3 Phase, 440 VAC, 24 VDC Control Circuit, Power Consumption: 4.0 kW, Compressor Requirement: 7.5 HP, Pneumatic Pressure: 10 kg/cm<sup>2</sup>, Float Tank Capacity: 100 Litres, Conveyor Length: 2.5 m, Conveyor Motor: 0.5 HP, Material of Construction: AISI 304 Stainless Steel, Machine Dimensions: 1600 × 1600 × 1100 mm (Approx.)   Make: -</p> <p><b>Specifications :</b> Servo-driven rotary cup filling and sealing machine with three tracks, suitable for filling and sealing milk, cultured milk, Lassi, juices, mango pulp, honey, and Flavored milk in heat-sealable cups. Capacity approximately 3,400 cups per hour with PLC-HMI control system, pneumatic operation, automatic fault monitoring, and AISI 304 stainless steel construction. Model: NPS-RCF-3T-3500, Type: Servo Driven Rotary Type , Tracks: 3 , Filling Size: 400 g , Capacity: 3,400 Cups/Hour (Approx.), Cup Diameter: 90-95 mm, Filling System: Pneumatic Time-Based Filling, Sealing System: Temperature Controlled Continuous Sealing, Control System: PLC with 7" HMI, Power Supply: 3 Phase, 440 VAC, 24 VDC Control Circuit, Power Consumption: 4.0 kW, Compressor Requirement: 7.5 HP, Pneumatic Pressure: 10 kg/cm<sup>2</sup>, Float Tank Capacity: 100 Litres, Conveyor Length: 2.5 m, Conveyor Motor: 0.5 HP, Material of Construction: AISI 304 Stainless Steel, Machine Dimensions: 1600 × 1600 × 1100 mm (Approx.)</p>	Nos.	1.000	Visakha Dairy (Visakhapatnam Plant) - Bi-Products

**Bidding Opening (Date & Time):** 23-06-2026 11:06

**Bidding Closing (Date & Time):** 24-06-2026 11:06

Kindly provide us with the following information at your earliest convenience:

1. Best quoted price (including taxes and delivery charges)
2. Delivery schedule and terms
3. Payment terms and conditions
4. Warranty/guarantee details (if applicable)
5. Product catalog or brochure (if available)

6. Against buyback of old 2 Track curd cup filling M/c

We are looking forward to building a long-term business relationship and would appreciate your prompt response.

Thank you.

Yours sincerely, *S.V. 1*  
*23.06.26*  
**B.V.KONDALA RAO**  
Designation: Sr. Manager(Purchase)

**TECHNICAL SPECIFICATIONS  
FOR  
3 TRACK SINGLE HEAD ROTARY CUP FILLING MACHINE**

1	Machine Model	:	NPS-RCF-3T-3500
2	Type	:	Servo Driven, Rotary type
3	No of Tracks	:	Three Track
4	Filli Size	:	400 Grms
5	Production Rate	:	3400 Cups per Hour (Approx)
6	Cup Size	:	90-95mm
7	Drive/operations	:	Servo motor driven Geared Motor system with pneumatically operated devices.
8	Filling System	:	Pneumatic time-based filling.
9	Sealing System	:	Temperature controlled continuous sealing system.
10	Cup regulation system	:	Pneumatically operated cup regulation system with vacuum draw.
11	Lid placement	:	Pneumatically controlled lid regulation system with vacuum holding.
12	Cup ejection	:	Pneumatically operated cup ejection system.
13	Cup discharge	:	Pneumatically operated dragger system
14	Rotary table Servo system	:	Geared Motor with Servo motor with Transtec or to have 3 per revolution
15	Control System	:	PLC based circuit with HMI for the complete operation & regulation of functions.
16	Vacuum generation system	:	Pneumatic
17	Pneumatic working system	:	10 kg per/cm <sup>2</sup>
18	Compressor capacity	:	7.5 Hp
19	Power Supply	:	3 phase 440V.AC control circuit 24 VDC
20	Power Consumption	:	4.0 KW
21	Material of construction	:	All components are AISI 304 quality including Rotary table, Sheet metal outer body and Product contact parts are in AISI 304 quality material.
22	Finish	:	All parts other than AISI 304 will be ALU.
23	Machine Dimensions (LxWxH) in mm	:	1600 X 1600 X 1100 (approx.)
24	Conveyor	:	2.5Mtr
26	Geared Motor for Conveyor	:	0.5 HP
27	Float Bank capacity	:	Capacity 100 Ltrs

**Electrical, Electronics & Mechanical Details:**

S.no	Item Description	Capacity	Make
<b>I. Electrical &amp; Electronics</b>			
1	HMI or Touch Screen	7"	Delta
2	PLC		Delta
3	Gear Box & Motor		Transtec
4	Servo Motor	1.5Kw	Delta
5	Servo Drive		Delta
6	Pneumatic Cylinders (All)		FESTO
7	Air Pipe		FESTO
8	ALL Switches		Salzer
9	Sensor		Autonics
10	FRL Unit		Janatics
<b>II. Mechanical</b>			
11	Base Plate		AISI 304
12	Rotary Tables		AISI 304
13	Machine Top & Bottom		AISI 304
14	Cup Dia (Sealer) & Cup Adaptors		AISI 304
15	Structure Supports		AISI 304
16	Bearing Housing		AISI 304
17	Cylinder base plate		AISI 304
18	Cylinder Mounting base plate		AISI 304
19	Gear Box base Plate		AISI 304
20	Dragger cylinder stand		AISI 304
21	King Post Stand		AISI 304
22	Sealer Top & Bottom		AISI 304
23	Tank Support Bottom		AISI 304
24	Lid Carrier base plate		AISI 304
25	Lid Carrier bottom		AISI 304

**Functional Description:**

This machine is designed to fill and seal liquid & semi liquid products like Milk, Cultured Milk, Lassi, Juices, Mango Pulp, Honey, Flavored Milk in heat sealable cylindrical cups. Preformed cups and lids should be kept(stack) at their respective places and the product line should be connected to the float balanced tank provided on the machine. Service lines like compressed air electric supply etc should also be connected to the machine.

Complete functions of the machines are automatic, since the sequence of operations functions and the logics are programmed in the PLC. The machines have 2 operational modes like manual and auto. In auto mode the complete machine works automatically without any interruption where as in manual mode the machine works according to the functions selected through switches. Hence individual functions such as cup transportation, Lid placement, sealing, ejection and cup drag works independently through individual switches. The machine can run in either mode for regular production. Track selection is automatic because of the following safety devices.

- 1. No cup No fill**
- 2. No fill No lid**
- 3. No lid No seal**
- 4. No seal (but filled) No ejection**
- 5. No ejection Machine stops**
- 6. Automatic display of faults with alarm**
- 7. Low air pressure No start**
- 8. Low Sealing temperature No start**
- 9. Low air pressure machine stops**
- 10. No product No start**
- 11. Low product level machine stop.**