

Flexible Screw Conveyor Enquiry

SPIROFLOW
 CONVEYING & BULK BAG HANDLING SOLUTIONS

Client Information:

Company Name: NATIONAL PAINTS LTD	Contact Name: MR. ANIL DESAI / VINOD (RESIN)	Email: anild@national-paints.com vinuds@national-paints.com
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General Application:

1. Name Of Product(s) To Be Conveyed:	/ RM	PHTHALIC ANHYDRIDE, PENTAERITHRITOL
2. Product(s) Bulk Density:	1.53 g/cm³	1.40 g/cm³ kg/m³
3. Nature Of Product(s):	Powder <input checked="" type="checkbox"/> Pellet <input type="checkbox"/> Flake <input type="checkbox"/> Granule <input checked="" type="checkbox"/> Other - <input checked="" type="checkbox"/>	
4. Particle Size:		106 mm. mm
5. Flow Characteristics Of Product:	Free Flowing <input checked="" type="checkbox"/> Non Free Flowing <input type="checkbox"/>	
6. Is The Product:	Corrosive <input type="checkbox"/> Toxic <input type="checkbox"/> Hygroscopic <input checked="" type="checkbox"/> Explosive <input type="checkbox"/> Abrasive <input type="checkbox"/> Cohesive <input checked="" type="checkbox"/> Dusty <input type="checkbox"/> Friable <input type="checkbox"/> Prone to bridging <input type="checkbox"/>	
7. Is Product Degradation An Issue:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
8. Product Conditions :	Temperature (degrees)- SOLID @ Ambient Moisture Content %- less than 1% Fat Content %- NA.	

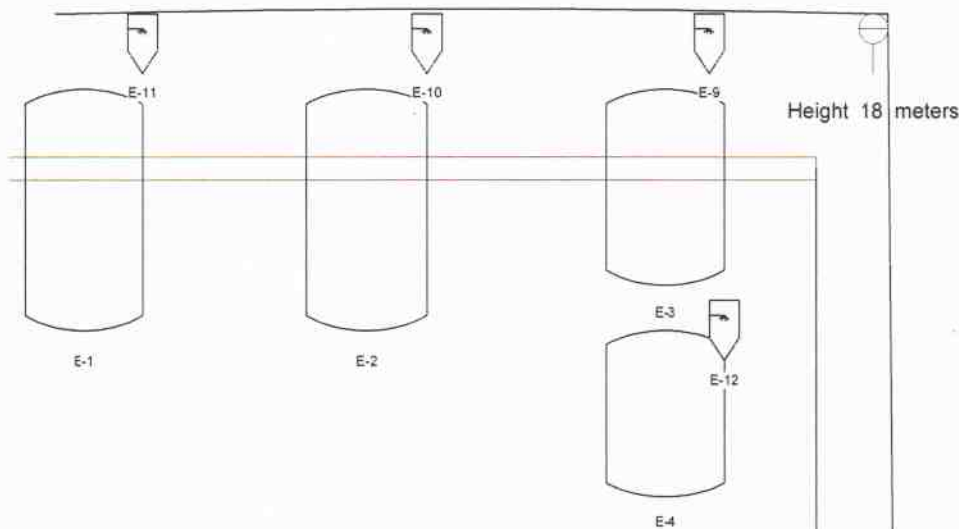
Technical Details:

9. How Is The Product Fed To The Screw Conveyor:	Manual / Automatic Sack tip cabinets
10. Conveying Rate Required:	16 MT / HR. Kg/hr
11. Is The Conveyor Moving A Weighed Amount:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
12. Will High Or Low Level Probes Be Needed:	High Level <input type="checkbox"/> Low Level <input type="checkbox"/>
13. What Is Feeding The Conveyor:	Solid Rawmaterial
14. What Is The Conveyor Feeding Into:	The reactors.
15. Length Of Time Conveyor Will Run For:	Continuously. Hours Per Day
16. Batch Weight Per Day:	Approx: 35 MT Kgs
17. Is The Conveyor Running With The Same Product All The Time:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
18. Does The Conveyor Require Regular Cleaning:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
19. How Will You Be Cleaning The Screw:	Cold Water <input type="checkbox"/> Hot Water <input type="checkbox"/> Detergent <input type="checkbox"/> Dry Wash (Brush) <input checked="" type="checkbox"/> Other- <input type="checkbox"/>
20. Materials Of Construction:	Stainless Steel (Contact Parts) <input checked="" type="checkbox"/> Mild Steel <input type="checkbox"/>
21. Will the conveyor need a mobile frame:	Yes <input type="checkbox"/> No <input type="checkbox"/>
22. What Is The Angle Of The Conveyor:	Horizontal <input type="checkbox"/> Angled <input type="checkbox"/>
23. What Is The Horizontal Distance Of The Conveyor:	Meters
24. (If The Answer Above Is Angled) What Is The Vertical Height Of The Conveyor:	NEED ONLY AERO-MECHANICAL CONVEYOR Meters
25. How Many Conveyors Are Required:	TWO

Site Details

26. Environment :	Minimum Temperature- 30 (Degrees) Maximum Temperature- 45 (Degrees) Maximum Humidity- 60 %
27. What Voltage, Phase And Hz Is Available At Location Of Conveyor:	Volts <input type="text"/> Phase <input type="text"/> Hz <input type="text"/>
28. Will A Dust Hood/Sack Tip Hopper Be Needed:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
29. (If Yes To Above Question) Will You Be Connected It To An Existing Dust Collection System:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>

30. (If No To Question Above) Is A Quote Required For An Integral Dust Filtration System:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
31. Air Supply 6 Bar Requirement Of Clean Air:	Available <input checked="" type="checkbox"/> To Be Installed <input type="checkbox"/>
32. Is The Area Classed As An ATEX Zone:	<input type="checkbox"/> Zone 20 (i.e. explosive dust clouds may occur continuously or frequently) <input type="checkbox"/> Zone 21 (i.e. explosive dust clouds may occur occasionally) <input type="checkbox"/> Zone 22 (i.e. dust layers exist or explosive occur under fault conditions) <input type="checkbox"/> Zone 0 (i.e. explosive gas atmospheres may occur continuously or frequently) <input checked="" type="checkbox"/> Zone 1 (i.e. explosive gas atmospheres may occasionally) <input type="checkbox"/> Zone 2 (i.e. explosive gas atmospheres may dust clouds may occur under fault conditions)
33. Expected Order Purchase Date:	<i>To be finalized</i>
34. Required Delivery Date:	<i>Two months .</i>

Additional Parameters And Information (Please Sketch The Layout Of The Screw Conveyor)


For Resin Division
 Total 4 reactors , two reactors need
 approx.9 to 10 MT
 and other two need 7 MT solid RM