

SPECIFICATION OF GROUNDNUT POD CLEANER WITH FEEDING CONVEYOR

Item No.	Description	Capacity	Qty. Req. (Nos.)
1.	<p><u>INCLINED FLIGHT BELT CONVEYOR - TO FEED GROUND NUT POD CLEANER</u></p> <p><u>Inclined Flight Belt Conveyor</u>, (Suitable for feeding of Groundnut Pods to Groundnut Pod Cleaner). This conveyor should efficiently and successfully convey the delicate and other seeds like mustard, soyabean, wheat, paddy and all pulses/ oil seeds like groundnut etc. without any damage. The inclination and the length of the conveyor should be fixed according to the feeding level of the Groundnut Pod Cleaner. The cleaning of the conveyor can be done easily and quickly for avoiding the varietal mixture at the time of change of crop seed. The drive should be with geared motor and roller chain & sprocket arrangement with safety guard.</p> <p><u>SPECIFICATIONS:</u> Capacity: : 3 TPH (Based on Groundnut Pods) Discharge Ht. : To suit the feeding height of Groundnut Pod Cleaner Inclination Angle : Fixed Speed of Conveyor : Not more than 25 m/ minute Power Requirement : Suitable Geared Electric Motor, 2 H.P., 3 Ph., 440 V Belt : Imported PVC Belt with inclined cleats and PVC side walls.</p> <p>Complete with 2 H.P. Electric motor of Kirloskar/Crompton/ABB or equivalent with PBGL/Rotomotive reduction Gear Box, DOL Starter, 3Ph. Switch, feed hopper, discharge chute, supporting structure and other standard features.</p> <p><u>Note:</u> Please attach printed literature and other material details.</p>	3TPH (Based on Groundnut Pods)	
2.	<p><u>GROUNDNUT POD CLEANER.</u></p> <p>It should be suitable for the efficient cleaning of Groundnut Pods. It shall remove dust, chaff, undersize seed/ impurities and other lighter impurities/hollow pods from the raw seed. Air separation is with air blast system.</p> <p>It should have one flat oscillating screen with single stage air Separation, variable air control and shoe shake, feed control. All steel construction with sturdy and compact structural frame work of M.S. Angle Iron.</p> <p>The perforation of the screen is cleaned by specially designed beaters which are located under the screen to avoid any damage to the Groundnut Pods while checking the clogging of the screen.</p> <p><u>SPECIFICATIONS:</u> Capacity: : 2.0 TPH at 0.27 MT/ M³ Bulk density of loose Groundnut Pods. Electric Power : 3 H.P., 3 Ph., 50 C/s, 440V, A.C. Supply. No. of Screens : 1 Screen Size : 122x183 cm. (W x L) Screen Pitch : Fixed</p>	2.0TPH (Based on Groundnut Pods)	
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Item No.	Description	Capacity	Qty. Required
	<p>No. of Grading : 1 No. of Air separation : One Overall Size (Approx.) : 3060 L x 1960 W x 2040 H mm</p> <p>The machine shall be complete with suitable 3 H.P. Electric Motor, DOL Starter, 3Ph. Switch, Feed hopper with feed control, oscillating final seed spout, 2 Meter long Air Trunk, 1No.-Air bend and other standard features.</p> <p><u>OPTIONAL ACCESSORIES (Should be quoted separately)</u></p> <ol style="list-style-type: none"> 1. <u>Additional Screen:</u> 0.8mm thick, CRC perforated sheet duly fixed (Spot welded) on light weight & sturdy steel pipe frame. Free from all burrs and curvatures. Available in round / oblong hole perforation. Quantity and perforation sizes shall be specified by NSC at the time of placing the order. Size - 122x183 cm. (W x L) 2. <u>Additional Air Trunk:</u> Each 1 meter long, both ends flanged, round in shape Matching. Made of 16 g M.S. Sheet. 3. <u>Heavy Duty Steel Foundation Frame:</u> It is suitable for the mounting of Groundnut Pod Cleaner to bring the final seed and rejection discharge at bagging off height. It should be made of 65 x 65 x 6 m.m. M.S. angle iron with suitable reinforcements of M.S. angle iron etc. 4. <u>Stepped Platform and Service Ladder:</u> It shall be attached with the heavy duty steel foundation frame for the fitting / removal of screens and other maintenance jobs. Service Ladder can be taken to any side of the machine as per maintenance/ cleaning need. The service platform should be made of suitable M.S. angle iron/M.S. Pipe and M.S. sheet. The width and height of this platform shall be matching with the width and height of the heavy duty steel foundation frame. The service ladder shall be suitably made of M.S. Pipe. 5. <u>Cyclone Dust Collector:</u> Suitable for outside installation. Complete with all frame work, canopy etc. Size: 94 cm dia. 		