

M/s. PATIL THERMOPLASTICS

(Patil Group of Companies)



ISO 9001:2000 Certified Company



The Trusted Name for Wide Range of specialized and innovative Polymer (Plastic), Rubber & Allied Products for Sugar Plants Machinery -

INFRASTRUCTURE :-

- Application Development wing with R & D Experts.
- Design & Development Experts for Product Development to suit the Requirements and solutions to problem in existing Engineering Plastic, Rubber and Metal Substitute.
- An ISO 9001:2000 Registered Company.
- In House Mechanical & Chemical testing facility of Products.
- Qualified, Experienced and Skilled Manpower.
- Accredited by NSIC, SISI, Railway, Sugar Institutes, Naval, Steel Plants BARC and Other Govt. Organization.
- Exporters of above products.



'ARIHANTRON' Self-Lubricating Polymers Products The 'PIONEER' in Sugar Plant Machinery Applications :

1. 'Arihantron' Maintenance free modification of Cane Carrier, Inter Carrier, Baggase main carrier, baggase elevator, baggase return carrier with 'Arihantron' Self-Lubricating Polymer Runner with metallic fixing arrangement to runner base and rake sliding ends with specially designed, hardened, finely grinded for smooth and friction less operation. **Advantages :** Totally maintenance free working no roller or any rotary part, friction less & smooth operation hence reduction in power consumption by 30 to 40 %. No friction hence no load on chain and no chain elongation or wear and tear of chain or chain bush.



Bagasse Carrier with Polymer Runner

Polymer Runner with S.S. Cladding

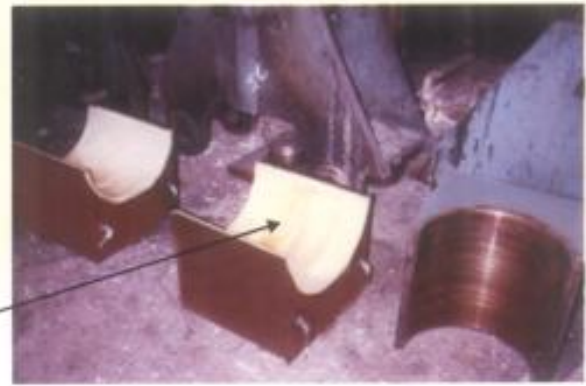
Rake Type (Cane/Inter) Carrier with Polymer Runner

'Arihantron' Self-Lubricating Polymer Bearings Pioneer for

the complete solution for replacement of Brass, Bronze, GM, & white metal bearing liner for top roller top half and bottom half of mill bearing.



'Arihantron' Self-Lubricating Polymer wear plate for mill bearing housing.



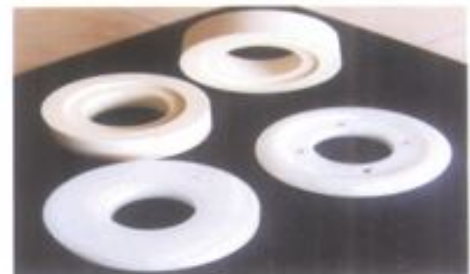
'Arihantron' Self-Lubricating Polymer Bush bearing straight Bush, Both side collar / one side collar, straight & split type bushes -



Application : Sprocket shaft bush for cane carrier, inter carrier, baggase elevator DE & NDE, cane un loader, under feed roller bushes, magma mixer, magma mingler, cushcush coupling, idler shaft bushes, fiberizer hammer bushes, bush for screw conveyor, baggase bailing machine bushes for big gear crank; rotary vacuum filter bushes, magma, molasses and lime pump bushes, diffuser shaft bushes, screw conveyor shaft bushes, rotary screen shaft bushes.

'Arihantron' Self-Lubricating Polymer Rollers for rotary screen, Idler shaft rollers (Idlers) Sugar cart wheels.

Advantages : 'Arihantron' Polymer Bearing material is Self-Lubricating need not require any external lubricant, No wear tear of roller journal or shaft working inside, friction less & smooth operation, reducing power consumption & totally maintenance free.



Above products are running very satisfactorily in 85 sugar factories in India and abroad.

Office & Factory Address :

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