MOBILE FIBRE EXTRACTION MACHINE

BRIEF DESCRIPTION:

It is estimated that out of total production of coconuts in the country 10% are plucked as Tender Coconuts. Tender Coconuts provide a healthy drink. Tender Coconuts are sold in most of the cities by road side vendors. The husk is thrown away near the road side or in the streets. The husks containing about 80-85% moisture are a source of mosquitoes, flies etc. In cities it adds to the garbage problems. Further, The industry feels that there is an untapped stock of husks in the rural areas from where collection is difficult as on-site de-fibering is not possible. Therefore there was a need to develop a mobile fibre extraction machine which could be taken to the remote villages so that vast untapped potential for utilization of husks from such areas could be tapped.

SALIENT FEATURES:

- The extraction of fibre also requires several machines resulting long time and high cost.
- The newly developed machine separates directly the coir fibre and pith from coconut husk and eliminates the number of steps and combination of machines required in traditional ways.
- The cost of the machine is very low about one tenth as compared to old set up and therefore very much affordable.
- The new development also eliminates the pollution problems encounteredin traditional methods.

ADVANTAGES:

- The weight of newly developed machine is only 250 kg against 1500Kgs of conventional machine.
- The machine is also very compact and portable and provides hygienic working environment to about half million workers in coir industry.
- The machine is also suitable for other coir processing countries.

SCALE OF DEVELOPMENT: Ready for licence.

.



