



Estd.: 1974

DYNATECH ENGINEERING CO.

ISO 9001 : 2000 CERTIFIED

**Special Reduction Gear • Double Cone Vacuum Drier
Rotary Tunnel Drier • Tray / Vacuum Tray Drier
Agitated Pressure / Vacuum Filter • Reactor / Distillation Unit**

PLOT No.: B - 38, M.I.D.C, TALOJA, P.O. BOX No.: 24, NAVI MUMBAI - 410208

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Hydraulic Squeezer:

Dynatech manufactures hydraulic squeezer for pressing and squeezing out water (liquid) in the outer skin of tender coconut shell and other bio products containing liquid like herbal items. It has been found that the tender coconut shell (outer skin) contains around 70 to 80% liquid. So to say around 25 kg coconut shells will give out liquid to the extent of 13 to 14 kg. The squeezed out liquid consisting of high grade minerals and other chemicals which can be used for various purpose such as in the manufacture of fertilizer, mineral water etc. The solid part can be easily dried and used as green fuel.

The Dynatech squeezer is a semi automatic unit and can be operated like JCB. The coconut outer skin as a whole is fed to the squeezing chamber by hydraulics feeders and then pressed by hydraulic main unit of 100 Tonne capacity and final the solid is pushed out hydraulically. The liquid collected in a separate chamber. The unit can handle around 2 to 2.5 Tonne of coconut shell/hr. This means around 40 to 50 shells are pressed at one stroke. Contact Dynatech for further details.

Rotary Tunnel Dryer:

Under the management of CIPL, Aatma Bio Energy Pvt. Ltd., acquired Rotary Tunnel Dryer from Dynatech Engineering Company and installed the same at the municipal premises at Ghatkopar. The tunnel dryer handles shredded tree cutting to reduce the moisture to 15%. The dried shredded tree cutting will be converted in to brickets which is used as green fuel.

The drier handles around 2.5 Tonnes/hr of shredded tree cutting. Feeding of product and feeding of fuel are done by bucket elevators. The control panel consists of VFD for regulating speeds of bucket elevators, moving grate and main rotating tunnel. Dryer can be used for drying shredded tender coconut skins.