



## **Lime Hydrating Machine**



<b>Application/Uses</b>	:	Building and chemical industries
<b>Salient Technical Features</b>	:	(i) Three chambers for premixing, hydrating and finishing purposes (ii) Heat generated is recycled (iii) Use of lime simplified
<b>Environmental Aspects</b>	:	No special measures are required
<b>Level/Scale of Development</b>	:	Design developed for 10 and 20 tonnes of dry hydrated lime per shift
<b>Status of Commercialisation</b>	:	Seven licences; Technology in production
<b>Major Components/ Raw Materials</b>	:	Standard steel sections, electric motor, speed reducer, chain sprockets etc.
<b>Major Plant Equipment and Machinery</b>	:	Standard mechanical workshop facilities
<b>Techno-Economics</b>	:	Cost of lime hydrating machines for 10 and 20 tonnes per 8-hr shift are Rs. 5 and 7 lakh respectively
<b>Technology Package</b>	:	Design drawings of the machine; specifications of plant, machinery and equipment, economic feasibility

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