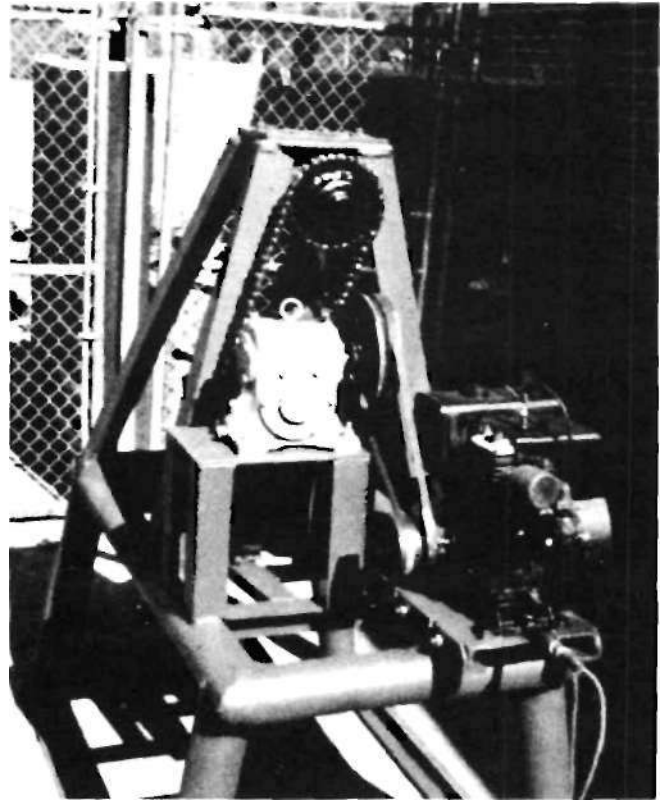


Engine Powered Sorghum Cane Mill

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The mill extracts juices from sugar cane to be processed into molasses. This is accomplished by feeding the cane through three rollers which have a clearance of W and Vn between the rollers. The juice is then recovered through a pipe at the bottom of a mill.

The mill was converted from a horse drawn type to a more conventional gasoline engine. This power source eliminates the use of a 15' sweep pole from which the horse or mule was hitched. The engine turns at approximately 900 R.P.M. and is reduced to $\%Vi$ R.P.M. at the rollers.

The frame structure being made of pipe is equipped with skid plates to make it more easily moved by tractor.

