

HYDRAULIC FODDER BALER MACHINE

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Abstract

A baler, most often called a fodder baler is a piece of farm machinery used to compress a cut and raked crop (such as hay, cotton, flax straw, salt marsh hay, or silage) into compact bales that are easy to handle, transport, and store. Several different types of balers are commonly used, each producing a different type of bale – rectangular or cylindrical, of various sizes. The hydraulic fodder baler is a hydraulic press to manufacture compacted fodder bale for milch cattle. The bale provides total mixed ration for milch cattle to ensure healthy cattle, good milk yield and good economics. The fodder consists of Paddy, Wheat straw, Jowar cut to a length of 30 to 45mm. These dry stalks are mixed with molasses, rice Stover, cotton seed, maize etc. All these are mixed together in a rotary mixer. The above fodder mixture passes through a series of conveyors is fed to a vibrator and through the vibrator to the weighing bin. In the weighing bin it is weighed to set a value in kilograms. The weighing bin contents are unloaded to the main pressing chamber of the hydraulic fodder baler.

Keywords

Fodder, Baler, Hopper, Pressing chamber

Biography

Radhika . J . Manolkar is a Student currently doing Bachelors of Engineering in Industrial and Production Engineering from college KLS Gogte Institute of Technology, Visvesvaraya Technology University. Secured Pre-University degree in Govindram Seksaria PU College, Department of Pre-University Education. Distinction Certificate from Divine Providence Convent High School, Karnataka Secondary Education Examination Board.