

GIN SYSTEMS

LIDDELL

SEVERAL years ago men said Gins could not be further perfected. Many continued to manufacture outfits without any added advantages. It seemed to us, too, that Liddell Gins came pretty close to utter perfection. But we spent thousands of dollars in further improvements. We tested countless new advantages.

So it has been that while no great improvements mark many makes of Gins, Liddell equipment, year after year, has contained many added features. Some say this is because we are able to employ a higher type of mechanics. In a way this is true, for we do build the highest class of machinery. We make "Heavy Duty" balanced valve engines and high speed automatics. We manufacture pulleys and shafting. So, it is true that in our shops ordinary labor will not suffice. It is natural that such men will contribute improvements year after year. Here are some of the most recent ones. The imitation of them is a tribute to their worth.

Spiral Seed Elevator

We put out and tested last season a new departure in seed elevators. It is a screw conveyor that takes the place in one-story gins of the troublesome bucket elevator. We do away with chains and buckets, and nearly forty parts. We substitute for them an elevator that has but eight. It is impossible for it to get out of order. Seed may be carried in four different directions, and up any angle desired. It also contains within itself means for driving the horizontal conveyor at the top that leads to the seed house and seed bins.

Belt Driven Roll Carrier

This Belt Driven Roll Carrier, or Stirrer, prevents the breaking of the roll. It allows ginning to begin before the roll is formed. The sample is improved by running a looser roll than can possibly be run by a Gin not so equipped.

Metal Construction

Our 12-inch and double-ribbed Hüller Gins are now made with metal construction, and we use a solid cast iron frame for supporting the moving parts. We use metal breasts instead of wood. They are equipped with ring oiling boxes, protected at both ends from dust and dirt, or, when so ordered, we furnish them with ball bearing similarly protected. They are the heaviest Gins built.

The Angle Drive

The Angle Drive for two-story gins is one of the many Liddell improvements. It is called the Angle Drive because the belts are run off to the line shaft on the floor below at an easy angle. They disappear through the floor at the Gin, and connect with the line shaft along the wall. This leaves the lower floor practically clear for the use of the operators, and for the storing of bagging and ties.

Liddell Feeder Drive

Our Feeder Drive dispenses with all cog gears—walking beams, and complicated methods of adjustment. We substitute for them a slow running worm drive. It has but few parts, and they are run in oil in an enclosed case. Dirt and dust are excluded.

Let Our Service Department Help

Liddell Company has been established nearly forty years. There are gins in nearly every cotton state—the product of our plant. We have made and sold more than 6,000 cotton presses, and an equal number of engines. We have built what we believe to be the biggest ginnery in North Carolina—12 gins in one house.

Our engineers have had a wealth of experience in designing and planning gin houses. Their aid is yours for the asking in installing new equipment. Don't be satisfied with any Gin that does not contain these advantages.

Write for our catalog and full information, which will be sent free upon request.

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