Simes Grain Dryer And Intela-Dry Moisture Control

Almost 30 years ago Harold Johnson, founder of FARM SHOW, published a story on a revolutionary crop dryer designed and manufactured by Sylvan "Sib" Sime, owner of Simes, Inc. in Walters, Minn. (Vol. 12, No. 5). At the time this tower dryer was described as "the dryer of the future" because of its fuel efficiency, quiet operation, very few moving parts and low maintenance. Well, today we still strive to provide you that same quality.

Unlike conventional dryers, which are portable and completely assembled at the factory, Simes dryers are designed to be "non-portable" and erected "on site" on a poured concrete foundation. On-site erection allows the company to ship component parts much more efficiently – flat and knocked down – to anywhere in the world. Another unique feature of the dryer is an external jacket, which protects the dryer from the wind. The jacket recycles heat from the dryer and also provides full protection from the weather and also retains and recycles hot air, instead of letting it escape out the sides. It also keeps perforated screens clean by keeping condensation off the dryer.

The Simes dryer uses up to half as much electricity as most competitors' tower dryers. It also uses 3 to 5 percent less fuel, due to the tower's jacket design. When compared to conventional box-style dryers, up to a 20 percent reduction in fuel usage has been documented. The finished look of the dryer is in a class by itself. This dryer has more than twice as many vertical supports compared to most of the competition, which holds the sheeting neat and uniform.

The Simes dryer is controlled by a PLC, which automates the startup and monitors for unsafe conditions and in the event if the dryer is shut down from one of the many conditions monitored the reason of shutdown will be displayed for easy trouble shooting. There are over 15 conditions that are logged, at a user determined interval, to a jump drive that you can later view on your PC to see how your dryer operated. As well as a current moisture log of wet and dry moistures that is available for viewing on the screen at any time. The controller provides wet fill and dry takeaway signals that can be used in your existing grain handling system.

Built into the control is the option for remotely monitoring your dryer from your mobile device, make changes on the run, and viewing alarm conditions that might have occurred. Email or text alerts can also be sent to your mobile device for when certain conditions occur, as well as send dryer moisture and speed status on a user set interval. (You will need an internet connection to the dryer for the remote options).

Controlling the dry grain moisture is a control program we call the Intela-Dry. Which gives you the most consistent dry moisture output possible. It maintains a high level of accuracy of the dried grain, saving you money and time by not over or under drying your grain.

Simes also offers the Intela-Dry controller that can be installed on any continuous flow grain dryer that will update your grain dryer with an advanced moisture control system out of the box, easy configuration to operate SCR drives, and Inverter controls.

- Self adjusts as wet grain moisture changes, to reduce over and under drying grain
- Added safety features for greater protection
- Built in menus for quick reminders
- Color touch screen
- Data stored for dryer history
- Remote access is available
- Email or text notifications and alarms
- Apps available for your iPhone or Android device

Simes also offers the Intela-Dry controller that can be installed on any continuous flow grain dryer. It will update your grain dryer with an advanced moisture control system.

For more information call or check the website at:
www.simessystems.com
Sales@simessystems.com
11796 414 Ave
Claremont SD 57432
ph 605-294-5400

Reader Inquiry No.61

Electric Start Kit For Deere 2-Cyl. Tractors

Lamar Horning recently contacted FARM SHOW about the new kits he sells that convert Deere 2-cyl. engines equipped with a pony motor to electric start.

Three kits are available: one for Deere's 70, 720, and 730 models; one for 80, 820, and 830 models; and one for the Model R.

Kits range in price from $1,165 to $1,595.

"Those prices may seem high, but my kits include everything needed and shipping is included," says Horning. "You save a lot of money compared to what you'll have to pay at a salvage yard for all the components you need.

Very srong - very reliable and customer satisfaction is our number one goal.

Contact: FARM SHOW Followup, Lamar Horning, 1772 Spring Hollow Rd., East Earl, Penn. 17519 (ph 717 445-9465).

Reader Inquiry No. 62

Photo shows Horning's electric start kit for Deere 830 and 820 tractors. All kits are sandblasted and painted.