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## Irrigating with Just Your Phone

Technology has come a long way for the agriculture industry. It's not just in agriculture to that you see these changes. Everyone has also adapted the technology that has come out as well. Just about everyone now has a smartphone that they use for just more than calling or texting. You can check your local weather on them, use them for GPS navigation, you can also watch tv on your smartphone anywhere you go. Even for agriculture, over the past few years, technology has been rapidly evolving.

For irrigation pivots it hasn't changed either. The tech that has come out for pivots is speeding up. Corner arms have seen a lot of the technology changes recently. Corner arms are now equipped with GPS guidance, so they know exactly where their location and path are without having to bury wire around the whole field. The new ESACs are also equipped with an advanced irrigating program that allows the corner arm to turn sprinklers on and off based on how much water is coming out in a specific area. This means no over or under watering at the corner arm. This is just the start of the technology that is going on with pivots. What if you can control a pivot with just your phone, a smartphone of course, or even with your computer just sitting at your desk. Well , you can do that as well.

Reinke has been working on telemetry communication since the mid-1990s. All this work has been evolved over the years and has been formed to what is now the Advanced Plus and RC10D products they offer. Reinke released their RC10D product line back in early 2017 with Advanced Plus shortly after. The Advanced Plus panel allows precision control for watering application. When set up, you can put the depth amount you want to put on your field, and it will set the speed of the pivot for you. Other features you can also set are your end guns, park position and barriers without having to set the ramps like on a standard panel. Now when you pair an Advanced Plus panel with Reinke's RC10D product you can then control your pivot with just your smartphone and/or computer.

You can use this technology to start or stop a pivot, change the direction or speed, even set up different programs for end guns. One feature they offer is that you can setup a time program that tells the pivot to start at a certain time of the day without having to do it yourself. These are all possible with the Advanced Plus and RC10D together. The best part about it is that you can work your field and you don't have to get out of your equipment to start your pivot. It's just that simple.

Reinke does a good job with these products by just keeping it simple. If you are used to just flipping switches, it might be a little different but the learning curve to use one of these are very minimal. Most people can pick it up from day one and use it right away. If I were a farmer, I would recommend these products to all my customers.

- Andrew Preston



# OVERHEAD AR/AS SPECIAL

Now is the time to update that old, unreliable pipe stop on your system to a new Reinke overhead Auto Reverse/ Auto Stop mechanism!

1. Overhead stop with A/R and electrical  
*\*\*\*Requires Reinke panel equipped with A/R\*\*\**

**\$1,150**

2. Overhead stop with A/S and electrical  
*\*\*\*Works on all Reinke systems - can be retrofitted to other brands\*\*\**

**\$790**

3. Overhead stop assembly without electrical  
*\*\*\*Use your existing A/R or A/S switch\*\*\**

**\$650**

**You have this...**



**Time for this!**



# CAM PLATE RETRO UPGRADE PROGRAM



**\$860**  
**per system**

← **Tired of this?**  
**Then upgrade**  
**to this!** →

Limited time only - Parts & Labor  
Reinke 680, E60 or E11 only  
Not available for towable systems  
*(This is a deal, and won't last long" - Davey)*



Call for Reinke 2045 (3 leg)

# CLASSIFIEDS



**\$12,500**

**CADMAN 2625 (USED)**

- 2.625 ID hose/900' long
- 155 - 205 gpm
- 240' - 252' lane spacing
- Shows little use



**\$2,500**

**BERKELEY B4EYRMBH PUMP (USED)**

- Frame mount/coupling drive
- 5" flanged suction
- 4" flanged discharge
- 1000 gpm @ 158 psi @2000 rpm w/200 hp



**\$3,000**

**PORTABLE PRIMARY PUMPING UNIT ON TRAILER (USED))**

- Honda 5.5 HP gas engine
- Monarch high PSI pump
- 5# primer
- 0-100 GPM @ 35-70 psi



**\$2,000**

**BERKELEY B3ZPBH 30 HP PUMP (USED)**

- Baldor electric motor 480v 3 phase
- 4" flanged suction
- 3" flanged discharge
- Packing/7.125 impeller
- 500 gpm @ 73 psi



**\$550 EACH 2 tires available**

**RHINO GATOR TIRES (NEW)**

- 11.2 X 38 tire size
- Tire and rim come assembled



**\$1,500**

**NACD SAE MOUNT PTO CLUTCH (USED)**

- SAE 3# bellhousing
- 140 hp rated
- Includes ring gear & PTO shaft
- Low hours



**\$3,500**

**B130X WATER REEL (USED)**

- 1.3" X 330' hose
- P85 gun
- 20-100 GPM @ 70 psi



**\$11,707.13**

**KIFCO B140G 1.4" X 350' (NEW)**

- 100'-189' width/400'-449' length
- Water reel w/SR75 gun, 24 deg x 1.5
- Booster pump 5.5 hp w/mtg kit
- Kit, pneumatic tire/wheel upgrade



**\$2,800**

**CAPRARI/KIFCO PUMP (USED)**

- D02/40
- 50-185 GPM
- Fully fitted w/PTO shaft

## DID YOU KNOW?

The first Electroqator® in Deshler, Nebraska still runs today!!!



## Notes from Jason's desk ... Travel thoughts

Its early January as I write this. I have just spent the week traveling to Deshler, Nebraska for service training at Reinke Manufacturing. This is something that the service techs at FSI do annually after they have passed their initial Reinke Service Training program. Typically, this is a 2-day session called "Advanced Service Training" which is intended to allow seasoned service techs the opportunity to learn new products and brush up on troubleshooting skills.

Last year this class was done "virtually" online. You just don't get the same results by doing it that way. You miss the obvious hands-on stuff but more importantly the things you learn from fellow service techs who come from all parts of the country. I have made many friends doing these schools in person and always enjoy talking with everyone about what they are seeing in their part of the country regarding irrigation practices. As much as they can be different, they are the same, working with fellow employees, customers and conditions.

This year was extra special, not only because it had been 2 years since I had been to Reinke, but because it was the first time my son Andrew went to an in-person school as well as his first trip to good ole downtown Deshler. I found that he is an excellent travel companion, maybe because he sleeps a lot but more importantly because he did take some of the driving duties on the way back which I greatly appreciated. Working along side my son has been a proud moment for me.

Deshler is a very interesting small town in south central Nebraska, not far from the Kansas state line. They struggle to keep a restaurant or bar open, but they have the most awesome model railroad store anywhere, if you're into that kind of stuff. I used to be into model railroading and in fact still have a large collection at home although it hasn't seen the light of day for 20 years or more. Funny how life works like that.

Anyway, the service techs at FSI are all up to date now, ready to serve your needs in the upcoming irrigation season. Thank goodness there's fellow service techs, sons, little Nebraska towns and model railroad stores.

### FARM SERVICES, INC.

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