

RKD PIVOT



TOUCH PRO CONTROL PANEL CENTER PIVOT

CONTROL

Main disconnecting switch

10" color touch screen:

Forward(Right) speed with water (indicates precipitation in mm) or without water.

Percentage timer over 60" for control of the last tower.

Speed Back(Left) with water (indicates precipitation in mm) or without water.

Percentage timer over 60" for the last tower control.

The speed and the variable with/without water are independent according to the running sequence.

Parameters for two end guns.

Watering programs in pivot sectors (defined by meter). The programs for forward (right) and backward (left) programs are different.

Weekly schedule of irrigation programs.

Extra watering in barrier stop, in minutes.

Different events in relation to included sensors (pressure transducer) or optional sensors such as flow rate optional sensors such as flow rate, voltage, soil moisture, temperature, precipitation, wind speed and direction, precipitation, wind speed and direction, leaf wetness, solar radiation, evaporation...

Configuration of system variables (administrator mode)

Weekly scheduler.

FUNCTIONS INCLUDED

Auto-start by reset (main power supply)

Auto-start by external signal (Common Close/Open or Pulse 6")

Auto-start by working pressure reached with pressure transducer (pressure switch option).

Pressure auto-stop with configurable limited waiting time.

Auto-stop by slip detection.

Safety auto-stop, electrical overload, short-circuit.

Up to 2 digital outputs for 24VAC final gun/pump.

Auxiliary digital output in 110VAC and 24VAC active with lateral watering.

Auxiliary digital output voltage free to automate the generator.

Including pressure transducer and optional flow sensors.

MONITORING

Voltmeter

Messages on 10" color touch screen:

Lateral stopped

Forward/right or reverse/left gear, speed percentage and millimeters, if programmed with water if programmed with water.

Position (metro)

Date and time

Pressure

Pressure standby.

Tower Alarm (misalignment alarm)

Pressure alarm

Slip alarm.

Hour meter

Remote monitoring and control

Virtually all functions can be observed and controlled via a wireless connection in a large area with many machines. It is possible to manage from one point of the farm or via an internet connection a large number of systems.

ENERGY

3-phase electric power 3 poles 380-400VAC 50Hz or 460-480VAC 60Hz

SAFETY

Differential to prevent electrocution.

Circuit breaker to prevent overload or short circuit.

Extra protection by fuses.

CONSTRUCTION

Top brand components: Schneider Electric, Allen Bradley, Eagle Signal Controls.

Telecontrol Pc:

Reports.

Control App