

Reinke was the first to introduce Navigator GPS for swing arm corners. This innovation eliminated the need for a buried guide wire and provided precise path control. In 2020, the company again revolutionized the irrigation industry with its electronic swing arm corner. The ESAC 6.0 now comes standard on all new swing arm corners.

“ESAC’s biggest improvement in precision water application comes through using precision guidance, electronic zoning, and a patent-pending method utilizing the system’s path of travel to calculate the water demand during every move,” said Cody Bailey, Reinke director of engineering. “This technology increases water application precision in even the most tricky field designs. Field studies have shown a significant improvement in water application uniformity on irregular shaped fields; whereas with previous SAC models, some areas were not covered as well as others.”

All Reinke SACs are designed to irrigate in field corners, helping farmers make the most of their cropland. Designed for structural integrity, Reinke’s proven SAC design transfers less stress to system components, which increases the longevity of the swing arm.

A Reinke pivot with a SAC installed can irrigate 158 acres of a 160-acre quarter. Depending on the combination of swing arm and components, up to 26 additional irrigated acres can be added. In certain field configurations, the number of additional irrigated acres can increase dramatically.

SACs are available in a variety of sizes from the Mini-SAC with a total system length of 207 feet to the Super SAC with a total extended length of 318 feet. SACs can be configured as either a leading or trailing swing arm position as needed to increase the number of irrigated acres in part-circle applications. The Mini-SAC is the shortest in the industry, and the Super SAC is the longest.

Reinke ESACs offer the same SAC options with the addition of advanced controls. Patent pending technology increases water uniformity on all Reinke SAC models. ESAC uses sequential sprinkler zones and provides electronic zone control based on GPS positioning. With ESAC controls, growers can virtually eliminate under and over watering throughout their fields corners.



A Reinke swing arm corner with ESAC installed

Growers can choose from three ESAC Control Packages to suit their needs. ESAC 6.0 allows for six zones of sprinklers and comes standard on all SAC options. ESAC 12.0 and 12.5 come with additional sprinklers and allow up to 12 zones. ESAC 12.5 also uses the SAC path to design the sprinkler package for optimal performance.

ESAC is the best option for growers who want the efficient and uniform water application that electronic zone control provides. Irrigate up to 98.7% of total acres and virtually eliminate over and under watering throughout field corners.

SAC OPTIONS

Mini-SAC: 156' span + 51' end boom = 207' total system length



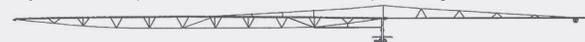
Mini-SAC: 175' span + 61' end boom = 236' total system length



Standard SAC: 194' span + 85' end boom = 279' total system length



Super SAC: 213' span + 105' end boom = 318' total system length



ESAC CONTROL PACKAGES

ESAC 6.0	6 zones	Standard package on all SAC options
ESAC 12.0	12 zones	Additional zones and sprinklers for greater performance
ESAC 12.5	12 zones	Uses SAC path to design sprinkler package for optimal performance

