CENTRAL PUMP COMPANY has been servicing the irrigation market for the past 30 years. We install, repair and sell pumps and motors to irrigate golf courses, farm & ranches as well as wildlife habitat. We design pumps from a complete system point of view to maximize efficiencies, reduce energy consumption and achieve maximum performance and life of the pump and motor. We have the latest technology and highly trained staff including a Certified Pump Installer to ensure your pump system is designed and installed properly. CPC is an environmentally conscious company. Properly designing and installing a pump systems will result in reduced energy consumption and increase pump and motor longevity, resulting in reduced total ownership costs.

LIFE CYCLE MANAGEMENT

CPC will manage your assets throughout the complete life cycle to maximize uptime and reduce total cost of ownership. The CPC Life cycle approach begins with the design phase. Design: our approach is to ensure your pump system is designed to fit the application. We will construct the pump and system curves to determine the optimal operating point. From this information we can install the proper size pump, motor and control system to ensure the system operates as efficiently and reliably as possible. Install & Test: CPC’s highly trained staff will install the pump, motor and system controls. Pressures, flows and motor loading will be recorded to be sure the system is operating properly and utilized as a baseline. Monitor: Baseline data such as pressures, flow, vibration and motor data from the pump and motor are monitored throughout the life of the motor to determine the condition of the asset. When the condition exceeds normal parameters the asset is removed. Removal of the asset before catastrophic failure will reduce repair costs, eliminate unnecessary down time and save on energy costs. Remove: At some point all pumps, motors and controls will need to be replaced, CPC has the trained staff to remove the components, inspect and determine root cause of the problem. Inspect/Root Cause: Once the system is removed the components can be inspected and root cause of the failure can be determined. Adjustments to the design are made based on the root cause analysis and evaluating the design specs of the system.

IRRIGATION PRODUCTS

CPC is a proud distributor of Reinke Pivot systems. Reinke systems are designed to meet the most rigorous applications and are easy to operate and maintain. We have a complete line of irrigation products in stock to reduce downtime. We stock center drives, relays, contactors, gearboxes piping and gaskets to meet all your irrigation needs for all pivot manufactures.

CPC can provide equipment for the largest farmer to small ranches. We provide large pivot systems and lateral move systems to irrigate 400 acres in one pass with the Reinke elector gator to the Mini pivot which can expand to a maximum system length up to 318’. If a pivot does not meet your budget CPC will install a K-Line portable sprinkler system movable by a 4 wheeler. CPC can also help to install a flood irrigation system and supply the piping.

CPC is dedicated to helping you reduce water consumption and selecting the correct nozzle package is a large portion of the savings. We stock Senninger, Nelson and Komet sprinklers to meet your needs.
DOSING PUMPS

Fertigation and chemical injection pumps are critical to farming and golf courses. CPC is the authorized distributor for ITE. We have a complete line of electric, magnetic and hydraulic injection pumps. ITE provides dosing pumps for flows ranging from 2.5 l/h to 2000 l/h, and maximum pressure up to 20 bar. We can design a pump to meet a complete range of chemicals and flows. ITE has Membrane and piston pumps specially designed for the dosing of all type of chemicals and products whether corrosive, toxic or highly viscous, for golf and agriculture applications.

PUMPS

CPC is an authorized distributor of major brands of pumps utilized for irrigation.

We pull, repair, sell pumps for all types of applications. From Low to high flow applications to systems with thousands of feet of head. No system is too small or big for CPC. CPC has designed and installed irrigation pumps and motors for deep and wet wells, Low lift applications as well as centrifugal close couple pumps.

Pump Products:
- American Marsh
- Franklin
- Goulds Xylem
- American
- Berkeley
- Fairbanks Morse

MOTOR & VFD PRODUCTS

CPC is an authorized distributor of major brands of motors utilized in irrigation of farms, ranches and golf courses. We sell motors for all types of applications, Vertical hollow shaft for turbine / line shaft pumps, close couple centrifugal, frame mount, SAE mount, fire pump and submersible. We carry TEFC and ODP motors as well as high efficiency motors. For the farm & Ranch community we carry a full line of farm duty motors for fan applications and auger drives. No motor is too small or large we have access to low voltage motors single and 3-Phase from 1/8 – 2,500 HP as well as large medium voltage motors. CPC also carries Variable Frequency Drives for low voltage applications from .25 – 2,500 HP and soft starters to reduce energy consumption improve process quality and increase productivity.

CPC carries the following brands:
- GE
- US Motor
- WEG
- Regal Beloit
- Marathon Electric
- Leeson

CPC can supply a motor for any application

FLOW METER PRODUCTS

Flow meters are a necessary part of the operation of golf courses, farms and ranches. CPC has the ability to sell and install new meters. We also have certified professionals to certify your meter. We have the latest technology ultrasonic meter and trained professionals to certify flow meters. If your meter is not reading correctly we can remove the meter and have it repaired to meet specs.

We are a distributor of McCrometer, Seametrics and Senninger providing solutions for all irrigation applications.

SERVICES

Our service department is equipped with the latest technology and training to provide your company with a quality job. We install all types of pumps and motors, perform condition monitoring and trouble shooting of your pumping system. Our certified pump installers have 30 years’ experience to perform pump efficiency studies and design a pumping system from a system approach to meet your pumping needs.

- Install / remove deep well turbine, submersible, centrifugal Pumps
- Well rehab / restoration
- Well inspection video camera
- Perform pump efficiency studies
- Motor Testing
- Laser Alignment
- Remove and install motors
- Pump design
- VFDs install / program

REPAIRS

Our experienced pump and motor repair personnel will disassemble, inspect and measure all components for proper fit and function. The machine shop will trim impellers to the proper size to meet system needs and maximize efficiencies. Bearings, seals, impellers, bowls and other components are in stock to reduce turnaround time and get your pump back on line. Our rewind shop can repair motors up to about 300 HP. CPC can repair random wound motors up to 300 Hp vertical hollow shaft and horizontal motors.

PIPE LINE

CPC’S pipeline crew has the equipment and knowledge to install all different types of pipe in pump rooms or underground. We have a backhoe, trencher and a track hoe to install and repair pipe of all sizes underground. We sell PVC and metal pipe of all sizes as well as gates, check valves, butterfly and screw valves. CPC’s welding staff can install and provide sweeping elbows, 90 and 45 degree elbows. We can also install flow meters and pressure gauges. CPC has a solution for your pipeline needs.