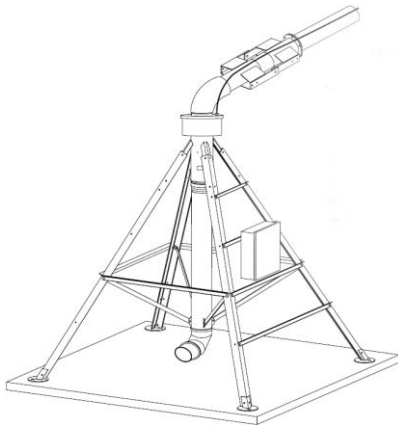


# RAIN FINE<sup>®</sup>

## Irrigation Solution.

Do you want quotation and don't know much about these machines? Here is basic to need to know and what we need from you to make quotation.

### CENTER PIVOT:



Center pivot machine move in circle motion. It can be **fixed** or **tow-able** (mobile).

**Mobile pivot** can be maximum 500m long for safe towing. **Fixed center pivots** can be much longer. This center pivots are normally make to requirements for customer. So customer need supply to us how many Hectares machine need cover or how long machine he need in meters and we design machine closest to that length according to ours sizes we have. Next thing what we need to know from customer is water requirements. How much water need center pivot apply on land? (8mm/day or 10mm/day or 12mm/day or different?) , depends on crop you grow and yours requirements. Then one more thing is need it and that is to tell us what crops you grow. Each machine will have sprinklers and different sprinklers better to suit different crops and price for sprinklers vary on type of sprinklers i chose. This machine can cover also circle fields and square fields using end gun on end of machine with corner control system for end gun to cover corners of square field. Pivot normally work on electric power and it's also possible to choose options such as Diesel generator ,End gun, Corner control system for end gun, moisture sensors, GPS remote control, Fertilizer unit,. If center pivot will be not doing 360 degrees circle we need to know also degrees how many degrees center

pivot will do and in quotation will be add it auto stop reverse system with barriers so when center pivot get on end point hit barrier and start work in reverse motion.

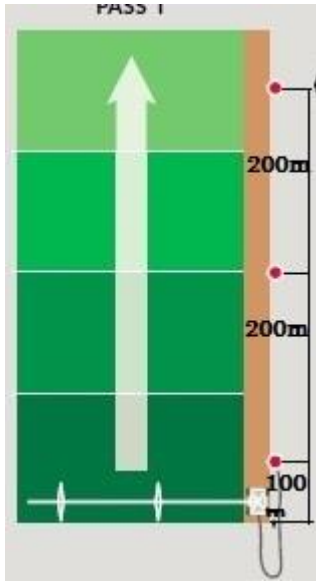


Fixed center pivot

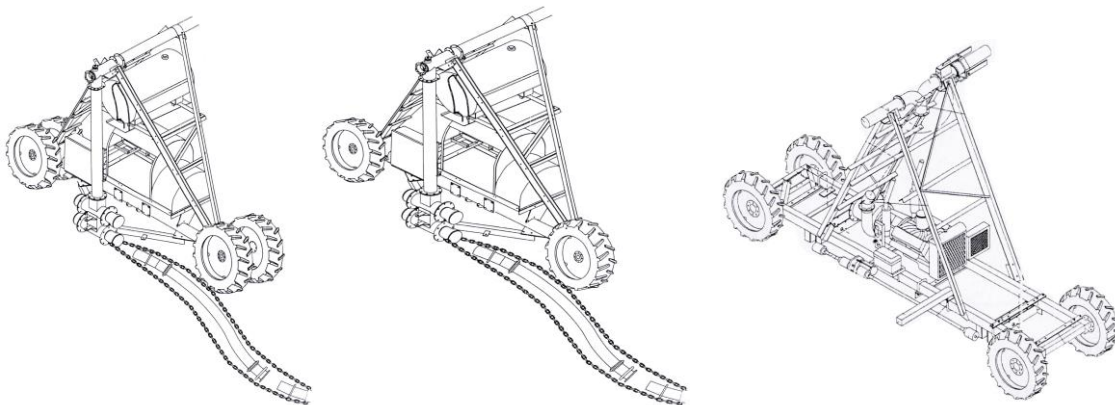


Tow-able(mobile pivot) pivot point tower have wheels and wheels need to be turn to towing position. Also all wheels on each span tower need be lifted and turn to towing position. This take some time and machine can be tow very slow to avoid damage. Towing machines no matter what manufacturer are not design to tow 24h and have higher maintenance cost compare to fixed center pivots because of towing.

**LINEAR LATERAL MOVE SYSTEM:** Is machine which move in linear motion forward and backwards and can be ditch feed or hose fees machine. **Ditch feed machine** get water from build ditch on the field (concrete ditch or earth ditch) and **hose feed machine** water using hose and underground pipeline with hydrants. **Hose feed machine can be maximum 450m** long because hose will be too have manually disconnect and connect to other hydrant even for 2 people.



Hydrants are placed 100m from start point of machine and next 200m and then next 200m. Feeding hose is 120m and disconnection and connection to next hydrant is between hydrants in middle. 120m hose will reach from one hydrant 100m distance on both sides of hydrant. This machine is for use to irrigate rectangular shape fields. Ditch feed lateral move system have cart and on cart is pump+ alternator+ Diesel generator. Cart can have 4 wheel or 2 wheels. And can be also tow-able (mobile). Two wheels cart is for small length lateral move systems up to 300m. Hose feed lateral system have on cart only Diesel generator and pump is usually on ground close to water to supply water to underground pipeline and hydrants. All linear later systems have included auto stop reverse system with barriers in ours quotations.



left: towable hose feed cart 4 wheels

middle: towable hose feed cart 2 wheels

right: 4 wheels ditch feed cart

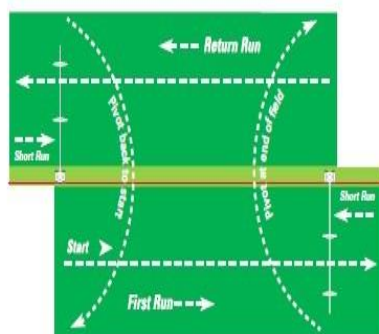
For this kind of machine we require this information's: Field size in meters (wide and length). We need to know what kind of machine is need it hose feed or ditch feed, what is application rate for machine per pass (8mm/day or 10mm/day or 12mm/day or different?) .Crops you grow? (again so we can chose correct sprinkler package for machine and price vary on type of sprinklers.



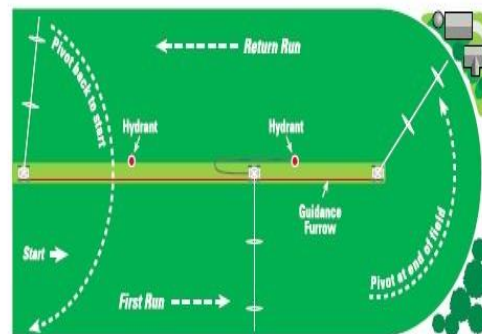
Double wing lateral move system ditch feed. Machine can be double or single wing.

### SPECIAL LINEAR MOVE SYSTEM (PIVOTING GEO LATERAL):

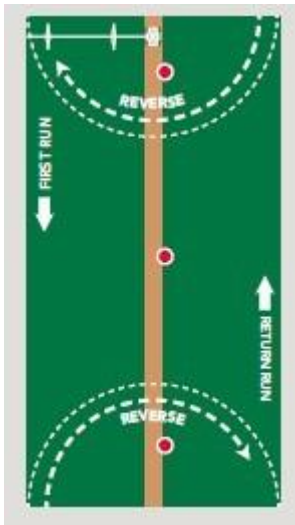
is machine moving in linear motion forward and on end of field can use pivoting motion to turn (swing) around (without irrigation) and then irrigate backward other side of field. This machine can be also hose feed ( max.450m) or ditch feed. Ditch feed lateral move system have cart and on cart is pump+ alternator + Diesel generator. Hose feed lateral system have on cart only Diesel generator and pump is usually on ground close to water to supply water to underground pipeline and hydrants This machine cost more but can cover more land. This machine can do different shapes to best cover land. Also for this machine we need to know size of land in meters (wide and length).Crops you grow and water application rate. ( 8mm/day,10mm/day ,12mm/day or different?) .Sometime customers don't give us in mm/day but use litre per second or cubic meter per hour and all this is OK , we can convert it.



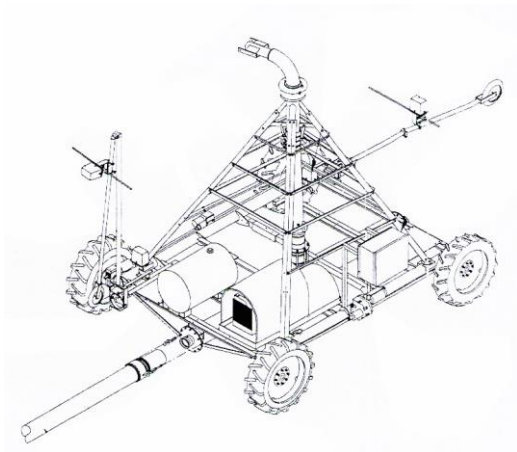
Pivot can easily handle offset fields and adjacent fields utilizing its pivoting feature  
Increase irrigated land up to 98%



Pivoting lateral move system ( Geo lateral)



Hose feed pivoting lateral move system covering 2 fields



Pivoting lateral move system cart (Geo lateral)

These machines are not some catalogue machines so you can have prices for them. They are made it according to customer requirements field size and crops you grow. We have some machines is stock (only center pivots) but machine size and components will be prepared for you according yours requirements you need. As standard center pivot is machine for 50Ha from as according to ours sizes its 7 spans of 54.53m (168mm diameter) + 20.12m overhang + 0.38m elbow give total length 402.21m and cover 50.80Ha land. If you only looking to compare price best way is to use 50Ha standard machine. Longer machines are more economical due to lower investment per meter of machine.

**Please send us more information's what is necessary for us to make you quotation!!!!**