



GENIUS IRRIGATION

GENIUS

EFFICIENCY INNOVATION

A Professional Manufacturer of Large-Scale Agriculture Irrigation Systems

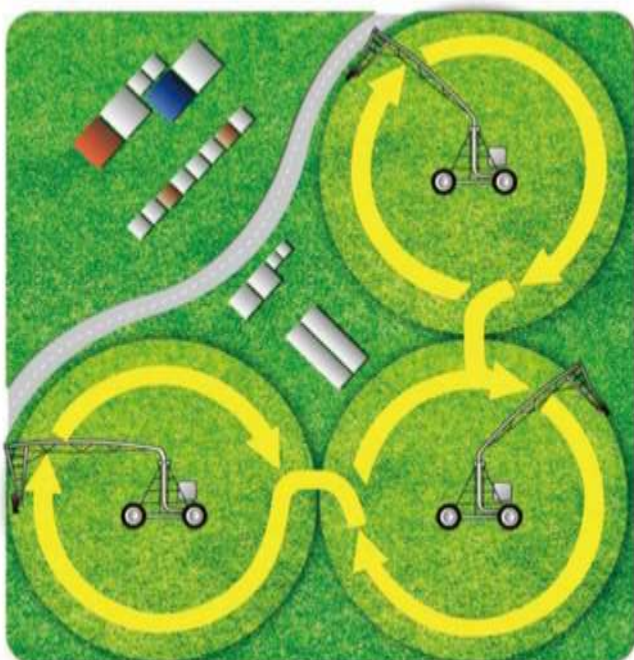
DALIAN GENIUS MACHINERY CO., LTD.

CENTER PIVOT IRRIGATION SYSTEM



Pipe Material	Hot-dip Galvanized Aluminum Stainless Steel 304 Hot-dip Galvanized with Poly lined
Pipe Diameter	141mm(5.55")/168mm(6.61") 203mm(7.99")/219mm(9.62")
Pipe Thickness	3.2mm
Span Length	41m/48m/54.5m/61.3m
Overhang Length	6.7m-26.8m
Power Supply	Generator/Power cord
Water Supply	Pipeline

TOWABLE IRRIGATION SYSTEM



Towable pivot is equipment with a tower on swiveling wheels and a central unit on a moveable chassis fitted with a beam.

Once the wheels are aligned with the span's axle, the whole machine can be moved by tractor.

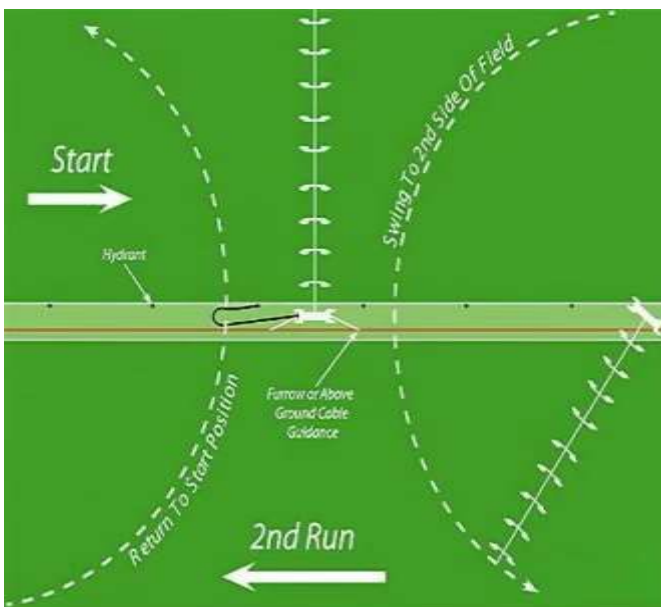
This type of pivot allows a reduction in the cost per hectare irrigated by increasing the area covered by the same machine.

LINEAR IRRIGATION SYSTEM



Sprinkler Space	2.2m-4m
Power Supply	Generator/Towing Cable
Water Supply	Ditch/Towing hose
Guidance	Furrow/Angle bar/GPS/Cable
Max. length	300m(two wheel) 1,200m(four wheel)
Slope ability	≤5%
Fertigation	Option

UNIVERSAL IRRIGATION SYSTEM



Universal irrigation system combined the function both pivot type and linear type. It not only move linear for irrigation, but also has the rotation function of the pivot machine.

Universal irrigation system can irrigate square, rectangular or unusually shaped field, allowing lateral irrigation and making the turn possible by pivoting at one or more points, internal or externally.

HOSE REEL IRRIGATION SYSTEM



PE Hose Diameter → 40mm-150mm(1.57"-5.9")

PE Hose length → 200m-500m

Inlet Pressure → 0.3Mpa-1.25Mpa

Water Flow → 3m³/h-130m³/h

Spray Width → 20m-125m

Nozzle Size → 6mm-44mm

Boom Option → 26m-60m

IRRIGATION ACCESSORIES



UMC Motor



Towerbox



Armour Cable



UMC Coupler



UMC Gearbox



Collector Ring



Irrigation Tyre



Sprinkler



End Gun



Booster Pump



Control Valve



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Contact us for a customized solution!