

THE PIVOT

Solar Pivot



French Design
and
Manufacturing.



Solar energy is converted into electricity via photovoltaic panels installed on the central unit. The orientation and the tilt of the panels are adjustable to optimize energy production. The energy produced is stored on batteries which supply the electricity to power the pivot.

An economical solution

By producing electrical energy locally, the solar pivot dramatically reduces energy costs for farms. The investment of the solar pivot pays for itself in a few years by reducing the total cost by around 60% compared to a pivot powered by a generator and by more than 20% compared to a pivot powered by electricity from the power grid.

Energy autonomy

During the irrigation season, the solar pivot operates in total autonomy. For example, a 30 ha pivot equipped

with an 18m² photovoltaic park allows it to operate 24 hours a day, 7 days a week (or 24/7) and to have an autonomy of 2 days in the case of very cloudy weather.

An ecological alternative

The use of clean and renewable energies is a major challenge for sustainable agriculture. In this context, photovoltaic solar energy stands out as the ideal alternative to fossil fuels by promoting the preservation of the environment while ensuring efficient operation of the pivot.



The advantages of IRRICONNECT

- System adaptable to the whole fleet of pivots and lateral moves existing on the farm.
- Software on PC computer: internet access on Smartphone and tablet optional.
- Easy system requiring no electrical modification of the pivot.
- Graphic management of gun stops with triggering by GPS.
- Exclusive functions such as cable theft, folding and crossing alerts.
- Graphical simulations of positioning of the pivot over 24 hours.
- Several display and control supports for PC, tablet, Smartphone, etc.

