

THE PIVOT

Central Unit



- Height of the central unit : 3,90 m.
- Tie truss angle : 40 x 40 x 5 (ø 114, ø 127, ø 141)
50 x 50 x 5 (ø 127, ø 141, ø 168, ø 193, ø 245)
- Available inlet for fertilization on the low elbow (tapped and 1").
- Waterproof (tight) polyester main control panel reinforced fiberglass.
- Double door to prevent condensation, complies with european norms.
- Structure legs in 70 x 70 x 7 (ø 114), 80 x 80 x 8 (ø 127, ø 141) and 100 x 100 x 10 (ø 168, ø 193, ø 245).

Pivot Diameter	Feeding Pipe Diameter	Maximum Output*
ø 114	UC ø 4"	108 m ³ /h
ø 127	UC ø 5"	145 m ³ /h
ø 141	UC ø 6"	175 m ³ /h
ø 168	UC ø 8"	255 m ³ /h
ø 193	UC ø 10"	345 m ³ /h
ø 245	UC ø 10"	555 m ³ /h

* recommended for 3,5 m/s

Central Unit's Equipments



COLLECTOR

The waterproof collector is positioned on the top of the central unit and is easily serviced.

With 12 tracks, the collector enables a total connexion between the main control panel and mobile spans.

END GUN AND OVERHANG PILOT SYSTEM

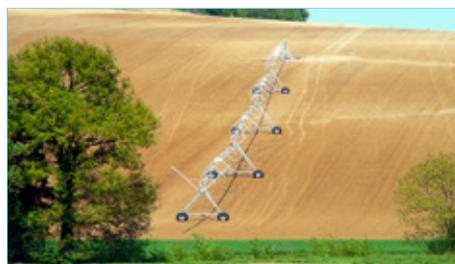
Water control system is able to start or stop the irrigation on the overhang sprinklers and/or the end gun.



AUTOMATIC WATER STOPVALVE

Hydraulic system to stop water slowly at the end of irrigation time.

Avoiding water hammer or auto shut down safety procedure matching with all automatic drives. Available in 3", 4", 5", 6" or 8".



THE PIVOT

Control Panel



PANEL L TYPE

Panel L Type

- Waterproof (tight) polyester main control panel reinforced fiberglass
- Outside dimension 645 x 435 x 250
- Degree of protection IP 55 (Manufacture Telemecanique)
- Double door with painted sheet polyurethane
- On / Off switch - Voltage Indicator - Time (hour) meter
- Timer switch with value displayed in %
- With water / without water running switch
- Front / Back / Auto running switch (Pivot sector)
- Safety indicator and push-button to remove security process

Electronic Panel L Type

This electronic control panel is compatible with all pivots Irrifrance. In a streamlined design, the number of internal components is reduced. It allows:

- Direct management of the irrigation dose,
- Set-up of different doses in forward and reverse use,
- To program a time delay for starting,
- To program a time delay in both forward and reverse use,
- To count the number of hours of run and irrigation use.



ELECTRONIC PANEL L TYPE

Panel S Type

- Waterproof (tight) polyester main control panel reinforced fiberglass
- Outside dimension 750 x 535 x 300
- Degree of protection IP 55 (Manufacture Telemecanique)
- Double door with painted sheet polyurethane
- On / Off switch - Voltmeter - Selector switch (Legrand)
- Timer switch with value displayed in %
- With water / without water running switch
- Front / Back / Auto running switch (Pivot sector)
- Safety indicator and push-button to remove security process
- Main disconnect switch of main control panel
- Safety relays - Pressure switch relay



PIVOCONTROL / PIVODOSEUR PANEL

Pivocontrol main control panel

The main control panel contains an electronic panel permitting an expert advanced operating of the machine. It permits in standard :

- Direct programming of irrigated sectors either in application, or in percentage, or in duration.
- Complete circle irrigation or until twenty sectors with different applications.
- Management multicycles or mono
- The reverse delay - Delayed starts management
- The arrival time display for each sector
- In option : management by GSM or remote

Pivodoseur 2 main control panel

Possibilities of same programming as pivocontrol with corner informations given by the absolute coder fitted in series in the collector 14 rings allowing the management until 5 options.

This absolute coder gives span location with precision of 0,1 degree.

Electric cable multi-conductor 11 wires-only
2 availables for 2 options.



OPENED PANEL

