

THE PIVOT

Central Unit



- Height of the central unit : 3,90 m.
- Tie truss angle : 40 x 40 x 4 (ø 114) 50 x 50 x 5 (ø 127, ø 141 ,ø 168, ø 193, ø 245)
- Available inlet for fertilization on the low elbow (tapped in 3/4").
- 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 8"	345 m ³ /h
ø 245	UC ø 10"	555 m ³ /h

* recommended for 3,5 m/s

Central Unit's Equipments



1 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.

In option collector with 14 tracks.

2 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.

3 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 2^{1/2}", 3", 4", 5", 6" ou 8".

THE PIVOT

Control Panel



ELECTRONIC PANEL L TYPE

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.

Also available in basic Panel L Type



PIVOCONTROL/PIVODOSEUR PANEL

Panel S Type

- Waterproof (tight) polyester main control panel reinforced fiberglass
- Outside dimension 750 x 535 x 300
- Degree of protection IP 65 (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 main control panel and Graphic Panel for RM4 VE/ TD

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
- VNC link : Cable theft alarm



OPENED PANEL

Option



ENCODEUR

VNC interface option

- Viewing and control on PC, tablet or smartphone

GSM option «SMS»

- Start and stop of the lateral move by SMS «START» or «STOP»
- Real time information of the end of the cycle

Counting wheel for lateral moves

Measurement by absolute encoder 0.1° precision in rotation



COUNTING WHEEL