



IRMO11

Single rail IRRIGATION BOOM



MACHINE DESCRIPTION

Suspended mobile single rail irrigation boom with high stability.

ACCESSORIES

page 132

TECHNICAL DATA

	M.U.	IRMO11
WORKING SPEED (min-max)	m/min	2 - 16
WORKING LENGHT (max)	m	150
WORKING WIDTH (max)	m	10
DIMENSIONS OF RAIL ZINCATE PROFILE	mm	53x85
WATER CONNECTION	inches	1"
INSTALLED POWER (230 V)	kW	0,5

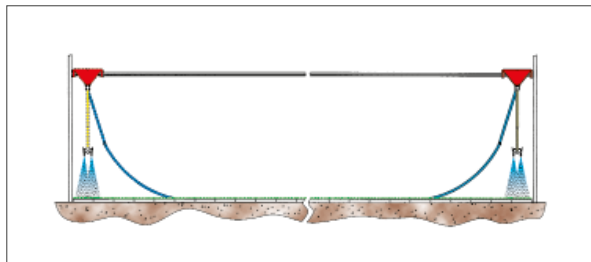


The stability of the boom is performed by the **eight wheels with bearings inside the trolley** that runs on a galvanized rectangular profile.

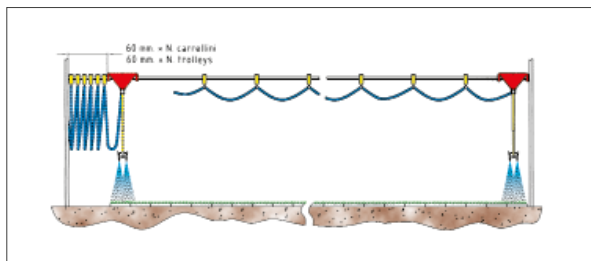


- Bar moving with iron cable.
- Nozzles bar with single or double nozzle row mounted on stainless hose.
- Water supply system by hose holding trolley with double wheels, thickness 45 mm.
- Telescopic nozzles bar support for height adjustment.
- Modular system assembly, suitable for every kind of structure.

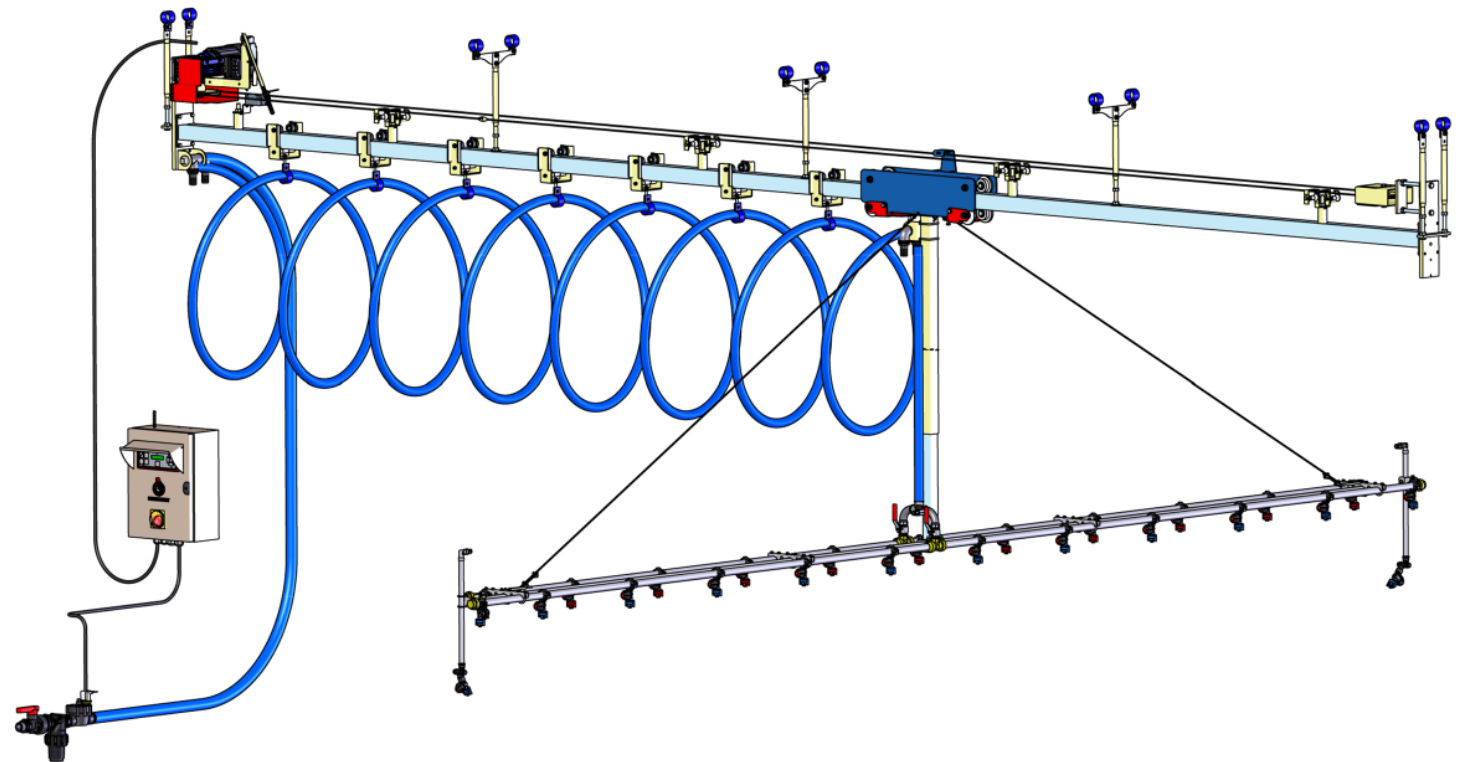
Water distribution group 1": ball selector valve, net filter and solenoid valve.



HOSE ON THE GROUND. A solution only with corridor in the middle.



SUSPENDED HOSE WITH TROLLEYS. Excellent for short or medium greenhouse lengths.





ACCESSORIES

IRRIGATION

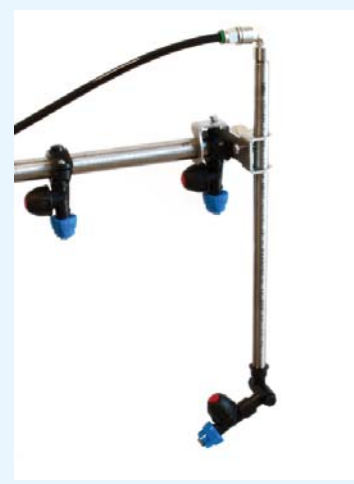
These are **some of the accessories** available for our **irrigation boom**. Our **engineering dept.** is at your disposal **to suggest** the best solutions for your needs.



Independent nozzle complete with valve **for side irrigation**.



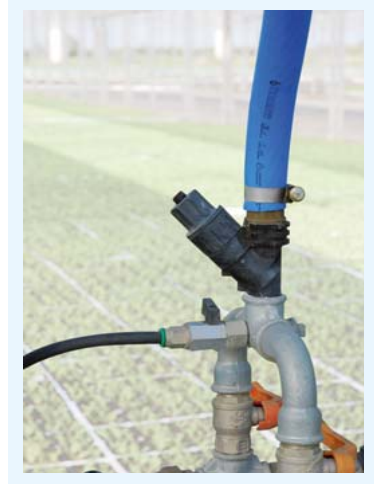
Independent articulated nozzle complete with valve **for side irrigation**.



Independent articulated nozzle with stainless steel descent, height adjustable, complete with valve **for side irrigation**.



Double water-feeding group, ball valve, net filter and solenoid valve.



Water distribution group with ball valves for side nozzles and pressure regulator.

- Drilled **hose**.
- **Biget** nozzles.
- **Triget** nozzles.
- Removable bar for **treatments**.
- Control up to **n. 12 solenoid valves** on the bar with **wireless system**.
- **Working speed** from 5 to 28 m/min.
- **Second treatment hose**.
- **Overturning of irrigation bar** with and without winch, **for the passage of operating machines** in the greenhouse.
- **Height adjustment bar** with rack.
- **Water distribution group** with control from the corridor.



Irrigation boom in a greenhouse with **thermic screen**. Upper-bar omega shaped due to the heating system.



Proportional dosing unit assembled **directly on the irrigation boom**.



High pressure pump with wheels **for phitosanitary treatments** with returning of the liquid used.

The **control system** offers the operator **many program combinations** to **water and/or spray** crops.

ELECTRONIC CONTROL PANEL

IRRIGATION



REMOTE CONTROL mod. REM

Remote control means: **free movement**, better plants visibility efficiency and productivity. It is a device with **radio transmission** that receives and transmits in real time, displaying all information and commands of the electric panel.



Just one remoter **can control up to 99 irrigation booms** for a **working distance of 200 m.**



Electric control panel built in metal with control and data display on **touch-screen.**



Electrical panels **can be controlled by a PC** via an RS 485 connection.

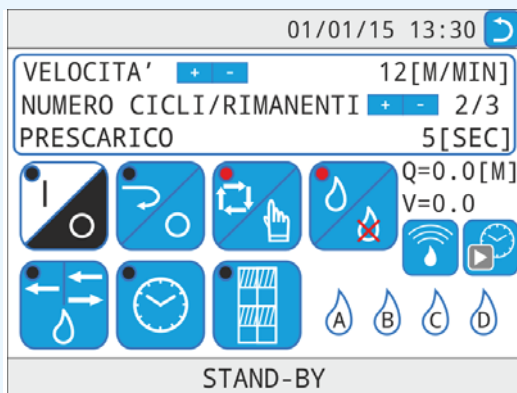


The control panels are suitable to work automatically with **every kind of greenhouse fertirrigators.**

MAIN FUNCTIONS

TOUCH-SCREEN:

It includes all the functions for the irrigation boom control and the zone irrigation too (see MOD. 3).



INCLUDED ON (MOD. 2):

- cycle automatic/manual/continuous;
- speed adjustment 2-16 m/min;
- one or two direction irrigation;
- number of cycles programmable;
- pre-drain timer;
- daily start programmer;
- forward/backward.



ACCESSORIES (MOD. 3):

- zone irrigation.

