



IRM03

Double rail IRRIGATION BOOM



MACHINE DESCRIPTION

Suspended double rail irrigation boom. Precision in watering, fertilizing and spraying.

ACCESSORIES

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TECHNICAL DATA

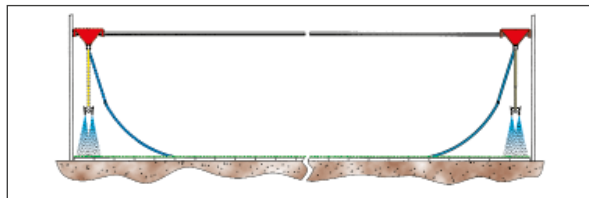
	M.U.	IRM03
WORKING SPEED (min-max)	m/min	2 - 16
WORKING LENGTH (max)	m	250
WORKING WIDTH (max)	m	13
DOUBLE RAIL INTERAXIS	mm	1000
WATER CONNECTION	inches	1" o 1" ¼
INSTALLED POWER (230 V)	kW	0,5



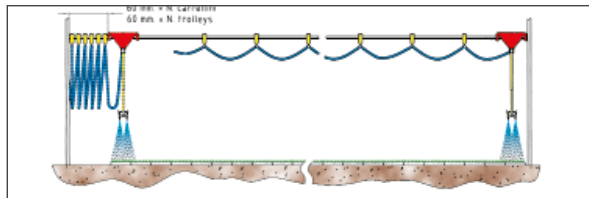
Video



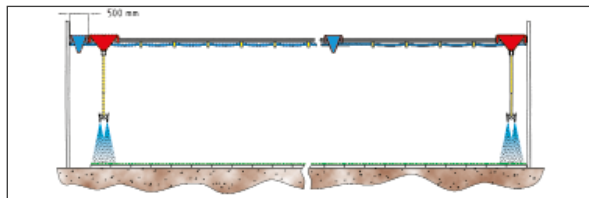
The **trolley wheels** are manufactured of long resistant polymer and **do not need maintenance**.



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



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

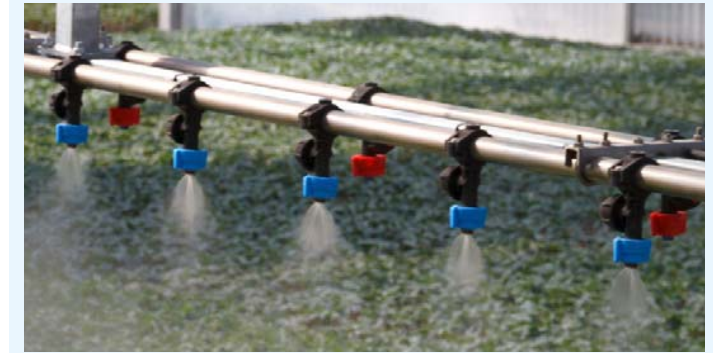


RECOILING SYSTEM. Suggested to use for the maximum greenhouse surface, without the obstacle of the hose.

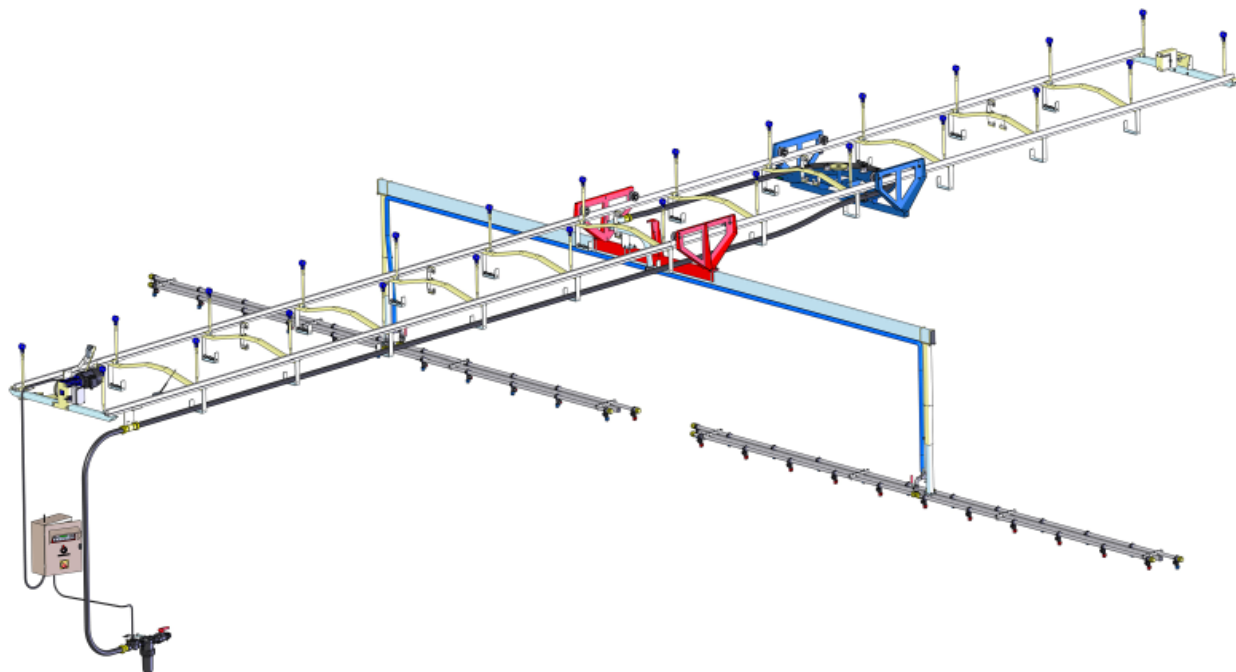
- Trolley with wheels mounted on bearings.
- Boom movement with iron cable.
- Nozzles bar with single, double or triple row mounted on stainless tube.
- Working speeds at request.
- Modular system assembly, suitable for every kind of structure.



Water distribution group 1¼" for recoiling system and 1" for suspended or ground hose: ball selector valve, net filter and solenoid valve.



Single or double nozzle row for watering or spraying.





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**.



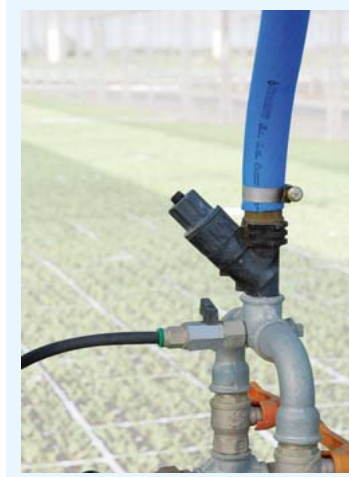
Independent articulated nozzle complete with valve **for side irrigation**.



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.

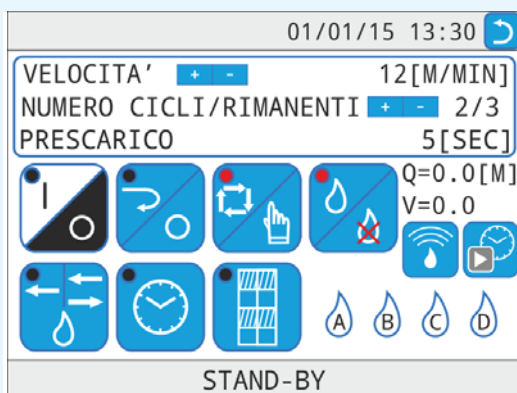


The control panels are suitable to work automatically with **every kind of greenhouse fertirrigators.**

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.