

IRRILINE HAND ROLL IRRIGATION SYSTEM

Hand Roll Irrigation System is similar to Side Roll Irrigation System, but no power unit. It can operate manually by single worker with double wheel fixed in the middle of the system.



Hand Roll Pipe: All Pipes used are 4"x 6M extruded Aluminum Pipes.

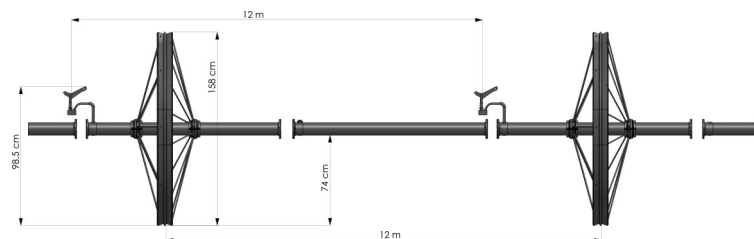
Sprinkler : 3/4" Full circle brass sprinklers mounted on leveler with 12M interval on the system



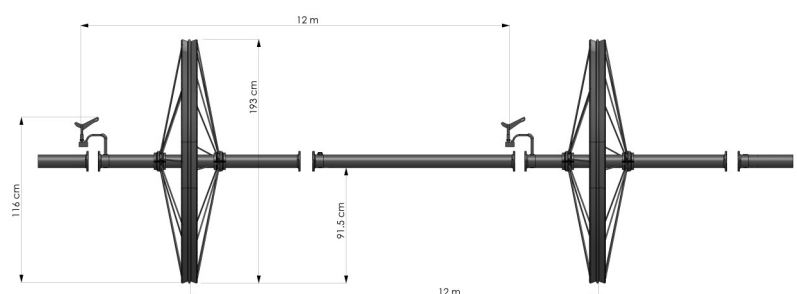
Wheels: All wheels are made by hot deep galvanized, fixed on the system with 12M interval. Two wheels each fixed on both end of the system for better alignment.

Irriline Hand Roll: Wheel's heights can be 158Cm / 193Cm

**Sprinkler & crop clearance
with 158Cm Wheels**



**Sprinkler & crop clearance
with 193Cm Wheels**





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Connection to Hydrant: Hand Roll Irrigation System connecting to Hydrant by 4" x 6M Flexible hose with 10 Bar Pressure and UV resistance.



Length of the System: Hand Roll Irrigation System available from 72M to 192M long

Covering Area: Irrigating area covered by a Hand Roll Irrigation System is depends on length of farm, soil and climate. Refer data table.

Hand Roll Length M	Farm Dimension M	Covering area Hectare	Irrigating time in each position	Irrigating position OR Movement per Day.
72	81 x 400	3.30	4 to 5 Hours	3 to 4 Times
84	93 x 400	3.80	4 to 5 Hours	3 to 4 Times
96	107 x 400	4.30	4 to 5 Hours	3 to 4 Times
108	119 x 400	4.80	4 to 5 Hours	3 to 4 Times
120	131 x 400	5.30	4 to 5 Hours	3 to 4 Times
132	143 x 400	5.80	4 to 5 Hours	3 to 4 Times
144	155 x 400	6.30	4 to 5 Hours	3 to 4 Times
156	167 x 400	6.70	4 to 5 Hours	3 to 4 Times
168	179 x 400	7.20	4 to 5 Hours	3 to 4 Times
180	191 x 400	7.70	4 to 5 Hours	3 to 4 Times
192	199 x 400	8.00	4 to 5 Hours	3 to 4 Times



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