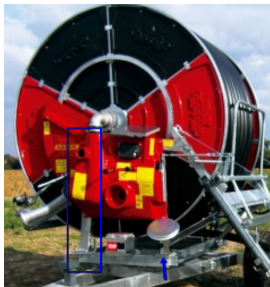


## MARANI manufactured by IRTEC



Marani connects and fixes the drum to the bottom frame with two square tubes which they causes problems in a long run.



Standard size mechanical lifting of drawbar causes difficulties on soft soil.



Marani does not use support bar for its double sided inlet connections and also prefers small diameters.



Marani uses standard bearings for connection the drum.

## CASELLA



Casella's frame is a sheet metal with stronger internal bands, and uses multiple fixing points in order to support the heavy drum from all directions. It avoid torsion during rewinding the hose. The best frame in the market for turbine drive irrigation systems.



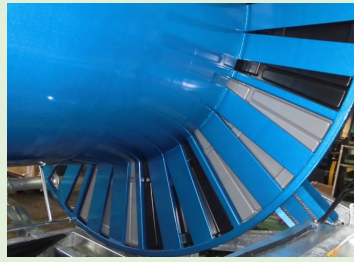
Casella's mechanical lifting of drawbar is big and supported by another leg for highest stability.



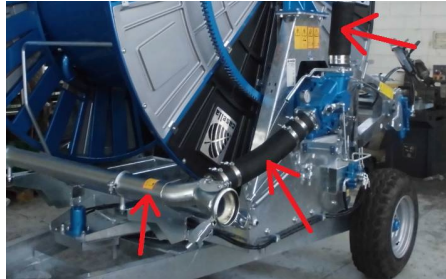
1) Casella uses support bar for carrying its main double sided inlet connections.  
2) Also, its flexible hose connection between inlet and turbine reduces vibration and increases performance of the machine.



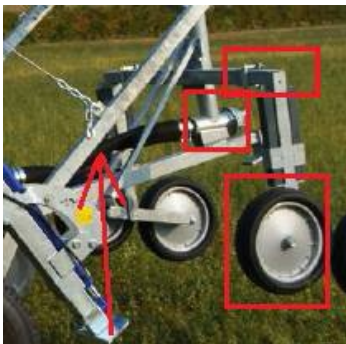
Casella uses extra drum connection support in addition to its heavy duty bearings. Therefore, Casella's drum has the longest lifespan among the irrigators in the world market.



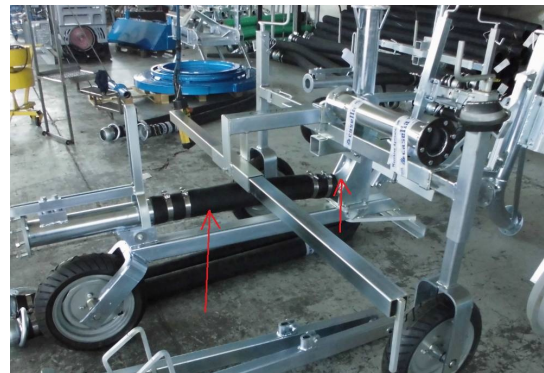
Casella's drum is the strongest drum material in the market and also has largest internal diameter to SAVE energy.



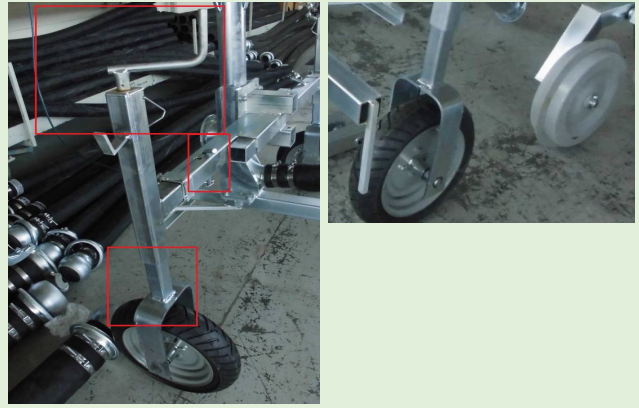
Casella hydraulic trolley lifting system with long back brackets allows you to place the trolley easily and on any surface while the others has strict position and causes difficulties in placing the trolley on not levelled terrains.



- 1) Marani uses "T" Joint and small size flexi hose for connection of PE pipe and sprinkler head's riser pipe. These two important factors causes extra pressure losses.
- 2) Trolley can be adjusted by uncrewing and screwing back the bolts which is not easy and practical for each run.
- 3) Marani uses just standard duty wheels which is not durable for farm conditions for long lifespan.



- 1) Casella uses heavy duty wheels or iron wheels filled with cement for maximum stability.
- 2) Trolley legs height is easily and simply adjusted by manual cranks on each sides. Also instead using bolts, Casella uses pins to extend the width between legs. This process is very simple and quick.
- 3) Casella uses heavy duty wheels or iron wheels filled with cement for maximum stability.



**CONCLUSION: CASELLA uses;**

**Best materials and latest manufacturing technologies.**

**Bigger connections, hoses and joints.**

**Best structure for the longest lifespan in the market.**

**The most practical and easy to use trolley.**

**&**

**Casella pays too much attention to details to provide the highest performance from your water source and pressure. Therefore, you can also save from energy while you are using reliable, efficient and practical ultimate irrigation machine.**