



**MATHARU GROUP**

# **MATHARU Ind. Pvt Ltd.**

## *Laser Land Leveller (INDIA)*



**Introduction: -**

*Matharu Laser Land Leveller is an agricultural implement to level your uneven Agricultural Land with the help of Laser Guided Land Leveller so as to irrigate the land completely and evenly. Laser Land Leveller makes the land plain and water reaches to every corner of the field. Levelling of land in a perfect manner means maximum use of water, improvement in maximum crop production in lesser irrigation time with less investment and more gains.*



**Advantage: -**

*Why we emphasize on plain land because the germination of seed or plant is badly effected in uneven land as the distribution of water is not possible for each plant. And the result is uneven crop establishment and less production. Even land requires more water and more time to irrigate field completely.*



## Specifications

Model – STAR

Model	----	STAR
Working Width	----	7 Feet (2.1 mtr)
Bucket Height	----	22 Inch
Body Sheet	----	10 mm Thickness
Hitch Assembly	----	Made from Bended Plate
Hyd. Cylinder	----	Double Action Cylinder HC 911
Blade	----	Special Steel 125x12 mm
Tyre	----	7-50-16 with Heavy Duty Hubs
Operating Voltage	----	12 Volt DC
Mast	----	Gear Mast
Working Temperature	----	-20 c to +50 c

## Benefits of Matharu Leaser Land Leveller

- *Approximately 30 % increase in cultivable area.*
- *Approximately 35-45 % saving in irrigation water.*
- *Reduces the amount of water required for land preparation*
- *Improves crop establishment and care.*
- *Decreases the time to complete tasks.*
- *Increase Productivity.*
- *Save fuel, electricity used in irrigation. Increase Productivity > 30% Over Traditional Levelling.*
- *Reduce Chemical Run-Off.*
- *Assist in Top Soil Management.*
- *Improving crop establishment.*
- *Improving uniformity of crop maturity.*
- *Control in emergence of salt affected patches in the soil.*
- *Reduces weed problems and improves weed control efficiency.*
- *Economic benefits in longer run.*

## How to Use a Laser Level to Level Ground

- Set up the laser level on a tripod on stable ground.
- Turn on the laser level.
- Give it time to self-level.
- Identify a point on the ground at your desired height.
- Attach the laser detector to a measuring rod and place the rod at this point.
- Adjust the laser detector up and down. When you see beeping light, you have found level.



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