

APOGEE[®]

REDEFINING THE AGRICULTURE



www.apogeeagrotech.com

OUR STORY



APOGEE AGROTECH, with its headquarters located in **Hapur, Uttar Pradesh**, stands as one of the highly esteemed companies within India's agriculture sector. **APOGEE GROUP** offers top-tier agricultural implements, such as the **3D GNSS Land Levelling** System equipped with its **GNSS sensors**, GNSS Land Leveller including its base and antennas, and Laser Guided Land Levelling System complete with **Laser Transmitter, Laser Receiver, Laser Control Box**, and **Bucket/Scraper**.

For the past **15 years**, we have been dedicated to serving the welfare of farmers and the agriculture sector in India. We have a presence throughout India. As the traditional method of **land levelling** proved cumbersome and imprecise, it became crucial to develop technologies that could initiate a new era in the agriculture industry. We initiated our journey by manufacturing scrapers for **laser land levelling**, and subsequently, delved into the development of **3d levelling** based on new technologies, while also raising awareness among farmers about them.

Our objective is to accelerate **agro-industrial** growth by introducing new technologies and assisting farmers in enhancing their yields while minimizing water losses. The Company started with the vision of facilitating the **Agriculture Industry** and farmers with the modern techniques of **farming and land preparation**.

The company was founded with the vision of aiding the agriculture industry and farmers by introducing modern '**Made in India**' farming techniques and land preparation methods.

WHAT WE DO?

Apogee Agrotech pioneered the introduction of **3G Land Levelling** technology, alongside the standard **GNSS Land Levelling** technology and **Laser Levelling** technology for farms or lands in India, all with approved subsidies. Our primary focus is on manufacturing **cutting-edge** and highly sophisticated levelling equipment to automate the farming process.

Our advanced **agriculture equipment** positions the user the forefront of **modern agriculture** and ensures that farming practices align with the latest advancements. These techniques help farmers in growth of the yield and **save the water** by its proper distribution all over the field. At **Apogee Agrotech**, our auto steering solution automates the process of planting the seedlings, which saves **time and reduces fatigue**. This can also be operated at night and make the job hassle-free.

The primary motivation for developing these technologies is to introduce the agriculture sector to innovative technologies and redefine Indian agriculture. As manufacturers, we are deeply committed to delivering premium quality products promptly.

OUR BUCKETS



STANDARD



FIGHTER



BAHUBALI

LASER LAND LEVELLER



TECHNICAL SPECIFICATIONS

LASER RECEIVER (LD)



- ✓ Up Down Led Indication
- ✓ 360 degree Reception Range
- ✓ 200 mm Reception Length

CONTROL PANEL



- ✓ Operating Voltage 10-18 volt DC
- ✓ Time Display
- ✓ Connection Error Messages

LASER RECEIVER (HD)



- ✓ Up Down Led Indication
- ✓ 360 degree Reception Range
- ✓ 200 mm Reception Length
- ✓ Heavy Duty Rugged Housing

LASER TRANSMITTER



- ✓ Operating Range : 1000 mm
- ✓ Auto Levelling : ± 5 degree
- ✓ Power : 12 V DC Battery
- ✓ IP 66 Dust and Water Resistance

BENEFITS OF LASER BASED LAND LEVELLER

- ✓ ENSURING A PERFECTLY EVEN SURFACE FOR OPTIMAL CROP GROWTH
- ✓ DESIGNED FOR EFFICIENCY, SAVING YOU A VALUABLE TIME
- ✓ MINIMIZE THE NEED OF MANUAL LABOUR AND REDUCES OPERATIONAL COSTS
- ✓ ENHANCES PRODUCTIVITY BUT ALSO PROVES TO BE A COST EFFECTIVE SOLUTION
- ✓ ENHANCED WATER DISTRIBUTION, REDUCING WASTAGE

3D GNSS LAND LEVELLER



TECHNICAL SPECIFICATIONS

BASE STATION



- ✓ 12 V DC Power Input
- ✓ Long Range up to 3 Kms
- ✓ Water & Dust Resistance

CONTROL PANEL



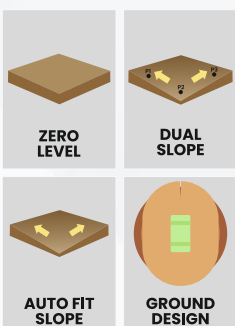
- ✓ Colour Height Map
- ✓ Digital Land Levelling
- ✓ Auto Set Levelling Height

ANTENNA



- ✓ Multi Constellation
- ✓ Multi Frequency
- ✓ Water & Dust Resistance

BENEFITS OF GNSS LAND LEVELLER



- ✓ LIFETIME CALIBRATION FREE
- ✓ DUAL SLOPE ADJUSTING FEATURE
- ✓ LARGE WORKING RANGE UPTO 3 KM
- ✓ NO EFFECT OF TREE OR OTHER OBJECTS IN RANGE
- ✓ WORKING CAPABILITY IN ANY WEATHER CONDITION

GNSS LAND LEVELLER



TECHNICAL SPECIFICATIONS

BASE STATION



- ✓ 12 V DC Power Input
- ✓ Long Range up to 3 Kms
- ✓ Water & Dust Resistance

CONTROL PANEL



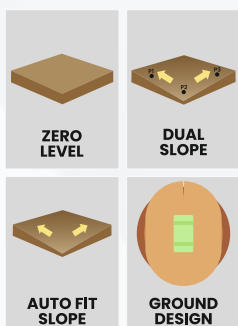
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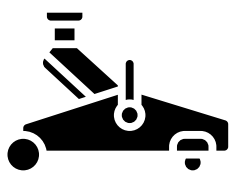
BENEFITS OF GNSS LAND LEVELLER



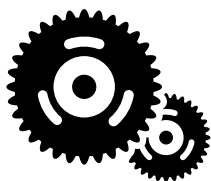
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ROTAVATOR SUPER/SUPER MAX



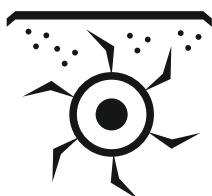
**STRONG
STRUCTURE
WITH
ROBUST DESIGN**



**HEAVY DUTY
GEAR BOX**



**WATER
PROOFED
SEALS**



**ANTI
CLOGGING
DESIGN**

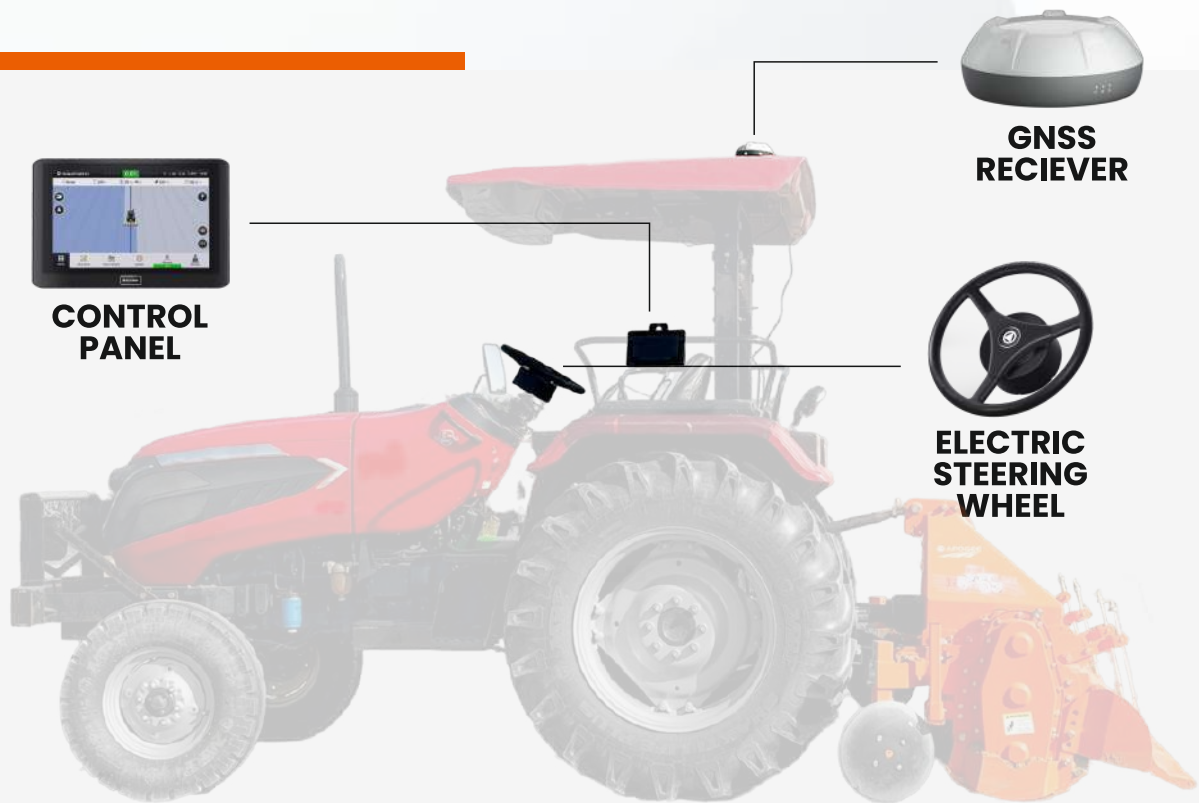


**SUITABLE FOR
HARD &
BLACK SOIL**



**1 YEAR
WARRANTY**

KEY **FEATURES**



AUTO STEERING



Oil filled heavy duty multi/ single speed sturdier gear box



Water proofed seals with oil bath high load rotor bearings



Strong structure with robust design



Adjustable heavy duty rear board dampers with springs



International quality anti wear Boron steel blade with C, J & L type

KEY FEATURES



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