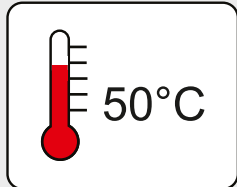


# CELEC

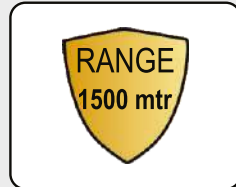
## LASER LAND LEVELER



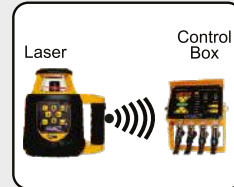
### CELEC Laser Leveler Unique Features



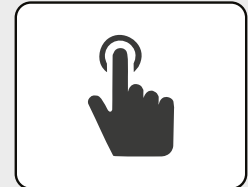
High Temp.  
Working



Long Range  
1500 meters



Wireless Control  
for Laser



Touch Control  
for Up Down

### Benefits of Laser Leveling

- 35% तक पानी की बचत |
- 15% तक समय की बचत |
- डीजल और पैसे की बचत |
- फसल की पैदावार में बढ़त |
- कृषि क्षेत्र में 3.5% तक की बढ़त |



Subsidy  
Approved

## PRO-5000

Work Confidently with most efficient Celec PRO-5000 which is perfect for Laser Levelling, Subsidy Approved in INDIA. Celec Laser has a Long-range laser transmitter 1500 metres (Radius 750 meters), Computerized self-calibration. In house manufacturing, Development, and testing centre for Laser Land Leveller, Rotary laser level accuracy +/- 1 mm at 30 metres, Fuel consumption 4 Litres /hr. Wireless and touch control, Laser receiver working fully under HT lines, Accurate working of the rotary laser at high temperature. Get the maximum yield of crops using Celec Laser Land Leveler (computer manjha).

Specifications	Celec PRO-5000
Working width	7 feet (2100 mm)
Tractor power	50 HP Above
Efficiency	4.25 ltr/hour
Laser range	1500 mtr (750 mtr radius)
Hydraulic pressure	250 bar max.
Blade	Boron Steel - 125x12mm, Reversible
Tyre type	6.00-16 mm
Operating voltage	12 volt DC
Mast	Manual gear / Electronic mast
Axel	4 Axels, 4 Tyres, Cross Type



## Laser Transmitter

Specifications	PRO-Laser 5000
Operating Range	1500 mtr (Radius 750 mtr)
Self Leveling Accuracy	± 1 mm @ 30 meters / 100 feet
Rotating Speed	600 RPM
Laser Diode (Type)	<5mW, (Visible Red) 635nm
Manual Tilt	Upto 5 degree
Battery	12V External - 7AH
Battery Life	72 Hours with Full Charge
Operating Temperature	0 to ±50°C
Storage Temperature	0 to ±60°C
Dust/Water Resistant	IP65
Protection	Over Voltage, Low Battery, Reverse Polarity, Coil Short Circuit
Weight	2.5 Kg
Dimensions	200 x 250 x 175 mm



- PRO-Laser 5000 V1 : Wireless Laser Control from Control Box.  
 PRO-Laser 5000 V2 : Wireless Laser Control from Control box with Green Beam

## Receiver

Specifications	PRO-LAND
Voltage Range	12 VDC ± 20%
Max Current Consumption	200 mA
System Accuracy	± 5 mm
Laser Requirement	All rotating Lasers (HeNe or IR)
Dust/Water Resistant	IP65
Pulsed Display	10 Pulses per second
Protection	Reverse Polarity
Communication	1 Wire
Weight	2 Kg
Pipe Holder	Double
HT Line Protection	Inbuilt



## Control Box

Specifications	PRO-touch
Display	Seven segment LED, visible in day light
Operation	(I) Human Touch Screen (II) Hand Held (III) Toggle Switch
System accuracy	± 5 mm
Control	Hydraulic
Protection	All output channels with short circuit protection
Timer	Running time, last time, total working hours
Charge	For 12 V battery with protection
Working mode	10 user modes programmable
Indications	Working Channel, Time & Errors (LED Up, Down, Link & Auto)
Protection	IP65
Connectors	Silver coated, chrome plated all weather bend proof
System voltage	12 VDC
Cable	1.5 mm RR kabel



\*Optional : Laser Wireless Remote from Control Box



# Kit - PRO 5000



Contains :

- Laser with Remote
- Receiver (Pro-Land)
- Control Panel with Remote
- Blow Mold Case

## Ordering Code

Kit- PRO 5000	Red Beam
Kit- PRO 5000 - V1	Wireless with Red Beam
Kit- PRO 5000 - V2	Wireless with Green Beam

# Variants



Variant 1  
(Wireless Laser with Red Beam)



Variant 2  
(Wireless Laser with Green Beam)



Wireless Control Box



Receiver with Green Receptor

## About us & Infrastructure

Celec Enterprises offers most efficient laser land leveler solutions and worked with fortunes 100 & 500 companies government agencies globally to enhance land leveling, Water & Energy solutions. Celec achieved following Prestigious Certifications :

- |                               |   |             |                            |   |            |
|-------------------------------|---|-------------|----------------------------|---|------------|
| 👍 ISO 9001 : 2008             | — | JUNE - 2008 | 👍 ISO 9001 : 2015          | — | AUG - 2017 |
| 👍 CE (Certificate for Europe) | — | FEB - 2012  | 👍 NRFMTTI (Govt. of India) | — | JAN - 2018 |
| 👍 UL Listing (USA & Canada)   | — | JAN - 2013  | 👍 NOM (Mexico)             | — | FEB - 2018 |



## Certificates



## CELEC Enterprises

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 Email : info@celec.com