



## FIELDKING LASER GUIDED LAND LEVELLER



### **BENEFITS :**

Laser levelled land:

- improves crop establishment.
- reduces weed problems.
- improves uniformity of crop maturity.
- decreases the time to complete tasks of irrigation.
- reduces the amount of water required for land preparation.

### **FEATURES :**

- More levelled and smooth soil surface.
- More uniform moisture environment for crops.
- Reduced consumption of seeds, fertilizers, chemicals and fuel.
- Improved field trafficability (for subsequent operations).

### **SPECIFICATIONS (TRANSMITTER, RECEIVER, BUCKET) :**

#### **LASER SYSTEM**

	Qty (Nos)
Machine control system to be mounted on tractor consisting of :	1
1) 5 Light Sensor ( Receiver) with Carry Case to be mounted on a mast directly above bucket	1
2) 5 Light Auto Panel with keys and LED display for manual and automatic control of Hydraulics of tractor	1
3) Power cable for powering system from tractor power ( 12V / 24V)	1
4) Cable connecting 5 light sensor to Auto Panel	1
5) Cable connecting Auto panel to Valves of tractor for Hydraulic control	1
Laser transmitter mounted on tripod consisting of :	1
1) Laser with carrying case. A rugged self levelling laser with automatic elevation alert, bright red beam and a working operating range (Diameter) 600 meter.	1
2) Rechargeable battery	1
3) Battery Charger	1
4) AC power cable for charger	1
5) Aluminium Tripod	1
6) Rod eye mini sensor with bracket for mounting on leveling staff for ground survey	1
7) Levelling staff	1

#### **SCRAPER BUCKET SYSTEM :**

	Qty (Nos)
Fieldking Scraper Bucket is equipped with ruggedly constructed frame, twin double wheels with tubed tyres of suitable size, fitted with laser mounting platform, complete hydraulic system with cylinders, hoses, valves and laser hook up fitting for automatic operation of scraper.	1
1) Main Frame : 50x10 mm Angle, 127x6 mm Square Box Frame with centre support of 125x65 mm channel.	
2) Bucket Sheet : 10 mm	
3) Scraping Blade : 100x10 mm	
4) Drawbar : 75x40 mm channel box	
5) Hydraulic Cylinder : 2 Ton (capacity) with solenoid valve and cables	
6) Height : 600 mm	
7) Width : 2 mtr.	
8) Tyre Set : 65x8 mm box with tyre (with taper roller bearings)	

\*The weight and working data contained in the present leaflet are supplied for information only and are not binding. Specification and size can be altered as part of ongoing product modification/improvement.

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