





## TECHNICAL SPECIFICATION FOR AERIAL PLATFORM

### EXPLANATORY NOTES FOR SAFETY DEVICES

#### . **Pressure Relief Valve**

- Valve attached to the main control valve and Outrigger control valve
- To prevent the pressure from increasing over than rated Pressure

#### . **Over center Valve**

- Valve attached to Derrick cylinder
- To prevent the Boom from falling abruptly in case of a hydraulic failure

#### . **Double Over center Valve**

- Valve attached to Telescopic cylinder
- To prevent the Boom from moving abruptly in case of a hydraulic failure

#### . **Over-winding prevention device**

- According to winch application, this device to be followed
- To prevent the wire rope from the damage and cut-off when the hook comes close to the boom

#### . **Alarm**

- To warn operator and workers by sounding the alarm

#### . **Double Pilot check valve**

- Valve attached to outrigger jack cylinder
- To prevent the lifted load from falling for smooth decent

#### . **Bucket Leveling system**

- To level platform automatically at the horizontal line for stability.

#### . **Emergency Pump**

- In case of emergency case by hydraulic or engine failure, bucket and operator in the bucket to be lowered to the ground

#### . **Emergency Stop Switch**

- In case of emergency case, all operations can be stopped by the switch

#### . **Overload prevention device by pressure switch**

- To prevent from being beyond the weights in Basket or by winch

#### . **Boom Interlocking system**

- To interlock boom and outrigger

#### . **Outrigger Sensor**

- To prevent vehicle or equipment from overturning
- In case of no-stabilization of outrigger, all movement to be stopped.