

Derrick Cranes

Technical Details:

The Jib, Column and Tie Members are made of welded M. S. Angles. The Tie Members and Pulley Blocks for the Jib are connected by a special hinge arrangement made on top of the Column. The Platform of the Winch rotates on Special Thrust Bearing.



The Winch unit consists of Electric Motors driving a Variable Speed Gearbox that in turn drives a Helical Gearbox manufactured by a reputed company.

There are different Motors for different movements like:

- Lifting and Lowering of the Hook.
- Lifting and Lowering of the Jib.

Hydraulic Thruster Brakes are provided for both the Hook and the Jib movements.

Rotation of Derrick Crane takes place with the help of a Reduction Gearbox and a Chain of Gears

The pulleys are mounted with special heavy duty Bearings.

Fast Lifting Speeds of upto 30 fpm with full load with high speed design giving 6 times higher productivity. yearly maintenance expense less than that of a car.

- 300+ installations in Rajasthan
- 50+ installations in AP & TS
- 10+ installations in Karnataka
- 25+ installations in Tamil Nadu 2 installations in Vietnam