

## **LAKSHMI BRAND MECHNAICAL TRACK JACK 08 TON CAPACITY**

**Specification no: TM/SM/21 Rev. 01 of 2003**



### **INTRODUCTION:**

Mechanical Track Jack is a non-infringing light weight, powerful track jack. Which is specially designed, developed and manufactured for the maintenance of BG & MG concrete sleeper tracks of Indian Railways. It is made of special steel has simple mechanism and requires minimum displacement of ballast for setting in position for operation. It is the most efficient and convenient equipment in the hands of permanent way engineers.

### **CONSTRUCTION:**

Mechanical Track Jack is made out of special hardened steel. It is light in weight and has a mechanism of Rack & Pinion type. The load is evenly divided between various gears, which provide a smooth path movement.

### **TECHNICAL SPECIFICATION**

<b>S.NO.</b>	<b>DESCRIPTION</b>	<b>CAPACITY</b>
1.	Capacity at Top Capacity at Toe	8 Tons 7 Tons
2.	Lift	100mm (min)
3.	Height of top of jack in lowest position.	250mm (max)
4.	Height of toe of jack in lowest position.	120mm(max)
5.	Lift in one complete stroke.	3.2mm
6.	Area of base plate.	300x154x8mm(approx)
7.	Weight without handle	20K.g.(max)