

## **LAKSHMI BRAND HYDRAULIC TRACK ALINGER (LHTA-1)**

**INTRODUCTION:** Hydraulic Track Aligner is a non-infringing, light weight and powerful device and it is specially designed, developed and manufactured by LAKSHMI-MEERUT for BG, MG concrete sleeper tracks and also for NG tracks of Indian Railways. It is made of high tensile alloy steel, has simple mechanism and requires minimum displacement of ballast for setting in position for operation.

It is a most efficient and convenient equipment in the hands of permanent way engineers for the Axial Alignment of the Track both in Horizontal & Vertical Directions. The device serves the dual purpose of Track lifting as well as its Aligning which nullifies the need of Track lifting jacks and bulky Slewing devices etc thus ultimately reducing the carrying load of tools on gang men & improve their efficiency. The Extremely lightweight only 25 K.g per single unit is the unique feature of this item, which provides an extra advantage over its prevailing traditional counterparts.

### **SALIENT FEATURES:**

1. RATED CAPACITY (lifting)	20 Tons
2. RATED CAPACITY (Aligning)	12Tons
3. VERTICAL DISPLACEMENT	120mm
4. AXIAL DISPLACEMENT	80mm
5. WORKING HANDLE FORCE	500Nm
6. LIFT IN ONE STROKE (no load)	6mm
7. TOTAL WEIGHT (one unit)	25K.g

### **NON INFRINGING FEATURE**



### **MODE OF APPLICATION**

