

Identified Product: L&T 1190 Vibratory Compactor

L&T Construction Equipment manufactures the **L&T 1190 Vibratory Compactor**, a machine widely used for road construction and soil compaction.

# Issues Identified & Fixes

## Operator Fatigue Due to Vibration

* 1. **Fix:** Introduce an advanced **anti-vibration seat** and ergonomic controls to reduce strain on operators.

## Fuel Inefficiency

* 1. **Fix:** Upgrade to a **fuel-efficient engine** with automatic idle mode to reduce fuel consumption during inactivity.

## Limited Night Operation Visibility

* 1. **Fix:** Install **high-power LED lights** for better visibility in night shifts and low-light conditions.

## High Maintenance Downtime

* 1. **Fix:** Implement **predictive maintenance sensors** to detect potential failures in advance.

# Features of L&T 1190 Vibratory Compactor

✅ **Powerful Engine:** High-performance diesel engine for demanding compaction tasks.

✅ **Dual Drum Vibration:** Ensures uniform compaction for superior road quality.

✅ **Hydrostatic Drive:** Provides smooth and efficient operation.

✅ **Operator-Friendly Cabin:** Comfortable seating, intuitive controls, and reduced noise levels.

✅ **Efficient Water Sprinkler System:** Prevents asphalt from sticking to the drums.

